



University of Kentucky[®]

Procurement Services

INVITATION FOR BIDS

CCK-2564.0-16-25 HEB BP-05 Interiors

ADDENDUM #2

01/13/2025

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 01/29/2025 @ 3:00 P.M. LEXINGTON, KY TIME

Bidder must acknowledge receipt of this and any addendum as stated in the Invitation for Bids.

ITEM #1: UPDATES & REVISIONS TO ORIGINAL BID DOCUMENTS

- Please refer to and incorporate into your bid the enclosed additional information from the project team.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

01/13/2025

Ken Scott

Ken Scott / (859) 257-9102

SIGNATURE

Typed or Printed Name

UK Construct Health Education Building
ADDENDUM No. 2
UK-2564.0-16-25
01/13/2025

Item No. 01 See answers to all submitted questions.

Item No. 02 JRA Addendum No.02 - include all work scope items, clarifications, etc. as detailed consistent with your trade contract work scope document.

Item No. 03 See attached revised TC-029 Drywall and Ceilings scope of work Attachment B.

Item No. 05 See attached revised TC-030 Plumbing scope of work Attachment B.

Item No. 06 See attached revised TC-031 Mechanical scope of work Attachment B.

Item No. 07 See attached revised TC-032 Electrical scope of work Attachment B.

Item No. 08 See attached revised TC-033 Technology scope of work Attachment B.

Item No. 09 See attached revised TC-034 Interior General Trades scope of work Attachment B.

Item No.10 See attached revised TC-035 Spray Foam Insulation scope of work Attachment B.

Item No. 11 See attached revised TC-036 Doors and Hardware scope of work Attachment B.

Item No. 12 See attached revised TC-037 Architectural Woodwork scope of work Attachment B.

Item No. 13 See attached revised TC-038 Medical and Lab Equipment scope of work Attachment B.

Item No. 14 See attached revised TC-039 Flooring scope of work Attachment B.

Item No. 15 See attached revised TC-040 Tile and Terrazzo scope of work Attachment B.

Item No. 16 See attached revised TC-041 Paint scope of work Attachment B.

Item No. 17 See attached revised TC-042 Interior Glazing Storefronts scope of work Attachment B.

Item No. 18 See attached power point slides from pre-bid meeting.

Item No.19 See attached revised Project General Work Requirements.

CCK-2564.0-16-25
Question and Response Log
Question Deadline

#	Date	Question	Response
1	12/24/2024	Would you be open to receiving a bid on the interior storefronts for the office spaces on all floors?	See TC-042 scope of work for work included in this package.
2	12/24/2024	Would you be open to receiving a bid on the sound masking from a different manufacturer than what is spec'd on the documents (Lencore)?	The sound masking is covered in the AV package which will be bidding in a future package.
3	12/24/2024	In reviewing the bid doc for the new Health Education Building it appears that the AV Technology will not be included in this bid. Can you please confirm?	Pathways will be installed for future AV package in TC-033's scope.
4	1/2/2025	Regarding TC-039 – Soft Flooring: Looks like spec section 096813 Tile Carpeting was left out of Attachment “B” Scope of Work Specifications (#6). I have to assume carpet would fall under this scope.	Tile Carpeting has been added in Addendum #2 TC-039 scope of work.
5	1/2/2025	<ul style="list-style-type: none"> •Do you have an estimated budget for TC-029 and TC-034 for bonding purposes? •Do you have a schedule for the project? 	Estimates and budgets aren't available for bid packages. See Attachment G for schedule.
6	1/2/2025	In the room finish material schedule A-651 there is FO-01/02 for film overlay. However I do not see any other mention of FO-01/02 in the plans. It says to refer to the signage schedule but that goes off the page when viewing it so I am not sure if there is any on that document. Just confirming if there is film and if so the document location?	FO-01 is indicated for interior frame types within the office suites. Refer to A-613 and A-614 for extents. FO-02 is currently no longer in the scope of the project, but regardless, it was slated for the future signage bid package and would not be included in BP-05.
7	1/3/2025	<p>The temporary restrooms that are required for the 2nd, 4th, 6th, and 8th floors.</p> <p>Are we to assume these are in the same locations as the permanent restrooms?</p> <p>If so, will these fixtures and or piping need to be demoed for the permanent fixtures?</p>	The intent for these temporary restrooms are to be in the general location of the permanent restrooms. Final location will be coordinated with CM. Yes, the temporary fixture and piping are to be demoed for the permanent restroom fit out. See General Requirement for more detail.
8	1/3/2025	<p>TC-030 Plumbing</p> <p>Drawing P-100A shows a rack of pipe along Col. Line 6. This pipe was part of BP-04F Core and Shell. Are we to assume this pipe needs to be taken off again?</p> <p>This drawing along with several others show an addendum update in the revision block. Is this a mistake or are these meant to be part of an update?</p>	The piping to the column in 006A from the Main Pump Room 026A and the riser from there is included in BP4. The CW, HW, and HWR line connection to these risers and the piping to the fixtures in the basement are included in this bid package (BP-5). The addendum listed in the title block is incorrect as no addendums have been issued that impact the plumbing BP-5 drawings prior to this addendum.
9	1/6/2025	Are manual balance valves required for reheat coils or just ball valves per typical UK standard?	Yes, than manual balance valves shall be included in the devices. Note that the isolation valve for VAV's shall be separate from any other device.
10	1/8/2025	Please identify where the 072129 K13 Spray on System is located and to be installed. The specifications, RCP and finish schedule does not indicate where this material is located and to be installed.	JRA has added the extents to the updated drawing sheet A-144A as part of Addendum 2.

FOR THE PROJECT TITLED:

Health Education Building
UK Project No. 2564 BP-05
JRA Project No. 202170
University of Kentucky
Lexington, Kentucky

To: Prospective Bidders

From: JRA Architects
301 East Vine Street
Lexington, KY 40507

Project Contact: D. Robert Deal, AIA, LEED AP
P. Matthew DeLuca, AIA

The Addendum will form a part of the Contract Documents and modifies the original Bidding Documents dated December 2024.

Bidders must acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Failure to do so may subject the bidder to disqualification.

Bidding Documents, including the Drawings and Specifications, are amended as described herein.

ADDENDUM ITEMS:

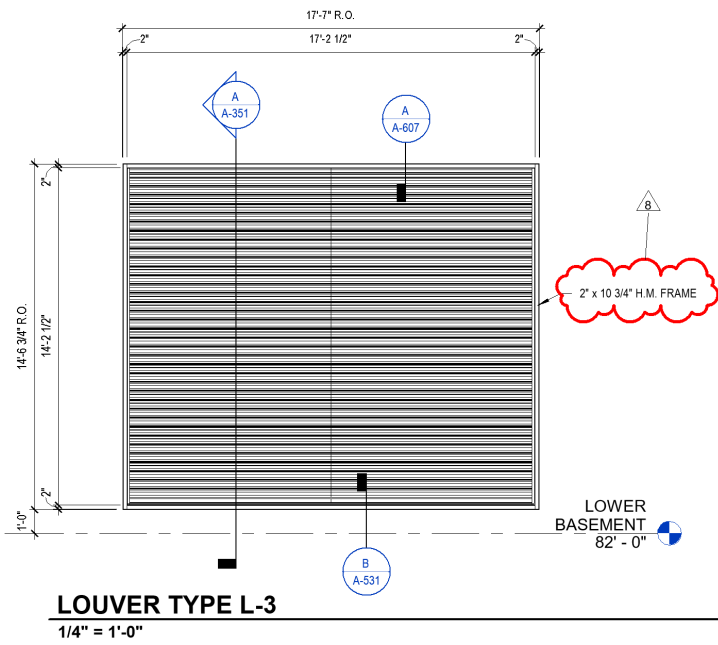
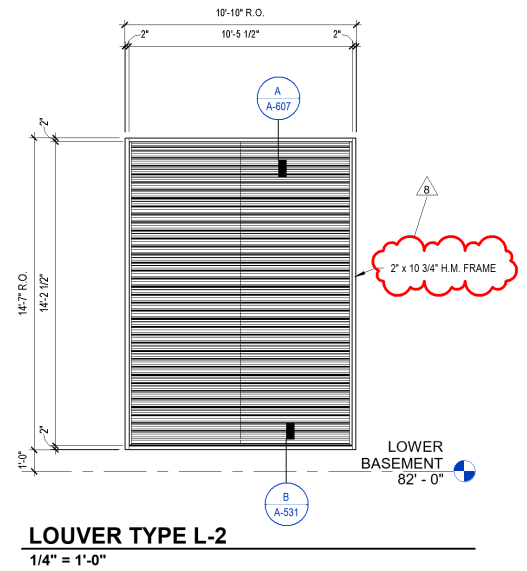
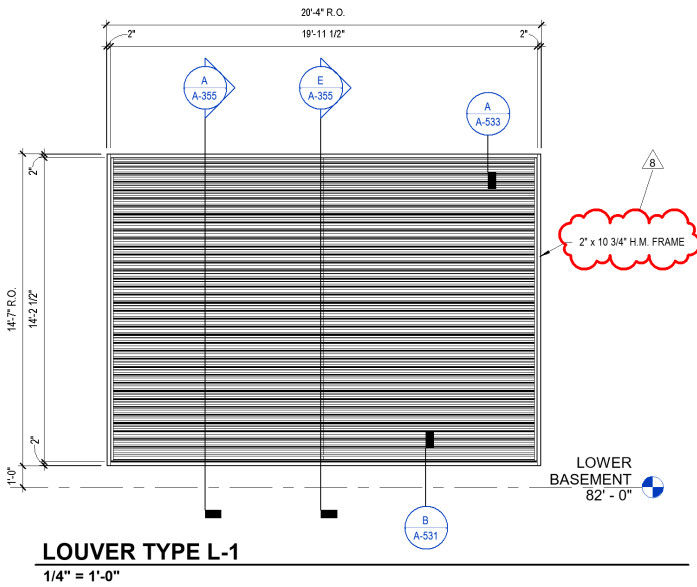
ARCHITECTURAL


ITEM NO. 2.01

Refer to revised sheet G-002 attached. Sheet xM-400 has been removed from the Drawing Index. Sheet xM-400 will not be issued with this bid package.

ITEM NO. 2.02

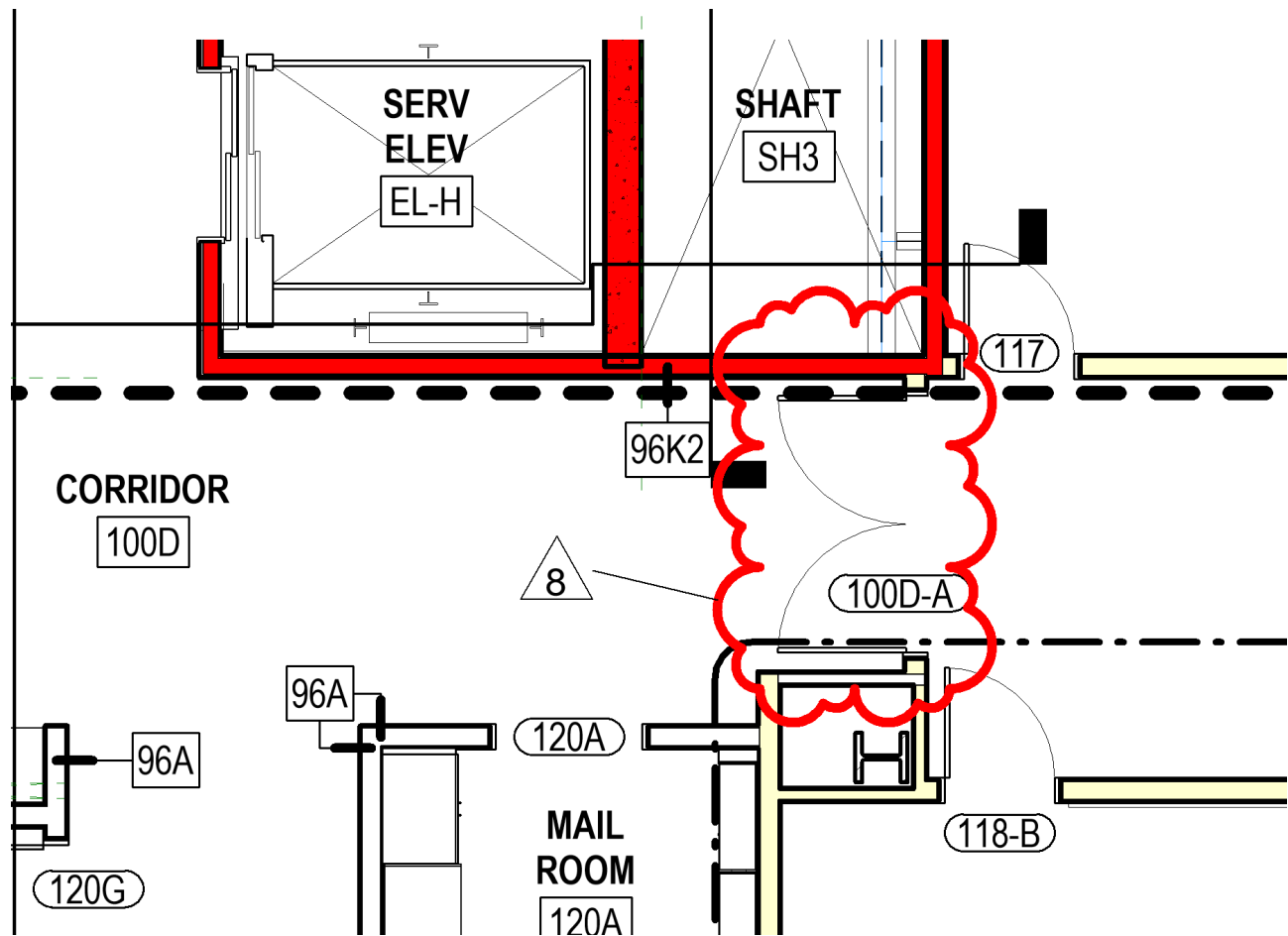
Refer to Sheet A-606 – Exterior Frame Types, Schedule and Elevations. 2" x 10 3/4" Hollow Metal Frame is to be provided around the Louvers. Louver Schedule updated to show all louvers have a 6" depth.



LOUVER SCHEDULE					
MARK	HEIGHT	WIDTH	LOUVER DEPTH	BLANKOFF REQUIREMENTS	QUANTITY
L-1	14' - 2"	19' - 11"	6"		1
L-2	14' - 2"	10' - 5"	6"		1
L-3	14' - 2"	17' - 2"	6"		1
L-4	14' - 6"	27' - 0"	6"		1
L-6	15' - 0"	17' - 0"	6"		1
L-7	15' - 0"	17' - 0"	6"		1
L-8	15' - 0"	17' - 0"	6"		1
L-10	14' - 0"	4' - 0"	6"		1
L-11	13' - 6"	13' - 0"	6"		1
L-12	16' - 0"	12' - 0"	6"		5
L-13	16' - 0"	12' - 0"	6"		1
L-14	16' - 0"	8' - 0"	6"		1
L-15	16' - 0"	34' - 0"	6"		1
L-16	16' - 0"	21' - 0"	6"		1

ITEM NO. 2.03

During BIM Coordination. Mechanical/Plumbing piping coming out of Shaft 3 caused a shift in Door 100D-A.

**ITEM NO. 2.04**

Refer to attached revised sheet A-144A. The extents of K13 Insulation (per specification 07 2129) has been identified at the underside of the fifth floor deck above PT/AT Lab 307.

ITEM NO. 2.05

Refer to attached revised sheet A-120B. The furring wall at the eastern most foundation between col. Lines S10 and S9 has been extended as indicated.

ITEM NO. 2.06

Refer to attached revised Technical Specifications Table of Contents and attached Specification 07 2119: 07 2119 Spray Foam Insulation has been added to the project specifications.

ITEM NO. 2.07

Refer to attached Specification 08 7100 – Door Hardware Specification V3 and Door Set Index. The following doors will be affected by changes to this document:

109, 110, 115, ST-B1-A, ST-C1-A, ST-C1-B, 257, ST-B2, ST-C2-A, ST-C2-B, 320-A, 320-B, ST-C3-A, ST-C3-B, 407E, ST-B4, ST-C4-A, ST-C4-B, 504, 505, 506A, 506B, 507A, 507B, 519, 554E, ST-B5, ST-C%-A, ST-C5-B, ST-C6-A, ST-C6-B, 708, ST-C7-A, 812E, ST-E9-B, 201-F, 201-G, 300D-1A, 300D-1B, 400D-1A, 400D-1B, 500E-1A, 500E-1B, 600F-1A, 600F-1B, 700A-1, and 801A.

ELECTRICAL**ITEM NO. 2.08**

Refer to drawing E-201B – ELECTRICAL POWER PLAN – FIRST FLOOR – AREA B

- A. Quadraplex receptacle and dedicated circuit provided adjacent to generator annunciator panel in Fire Command Rm 120J.
- B. Tagged note E153 has been added for information on the generator annunciator panel.

ITEM NO. 2.09

Refer to drawing E-301B – SYSTEMS PLAN – FIREST FLOOR – AREA B

- A. Firefighter communications console has been relocated adjacent to the fire alarm control panel.

COMMUNICATIONS**ITEM NO. 2.10**

Refer to drawing IT-101A – IT PLAN – FIRST FLOOR – AREA A

- A. Data outlet has been added for the generator control panel in Generator Enclosure 121.

ITEM NO. 2.11

Refer to drawing IT-101B – IT PLAN – FIRST FLOOR – AREA B

- A. Data outlet has been added for the generator annunciator panel and additional fire protection equipment in Fire Command Room 120J.

ITEM NO. 2.12

Refer to drawing IT-202C – IT REFLECTED CEILING PLAN – SECOND FLOOR FLOOR – AREA C

- A. Add tagged note IT62 to indicate corridor cable tray is to be 18" wide.

ITEM NO. 2.13

Refer to drawing IT-206A – IT REFLECTED CEILING PLAN – SIXTH FLOOR FLOOR – AREA A

- A. Add tagged note IT62 to indicate corridor cable tray is to be 18" wide.

ITEM NO. 2.14

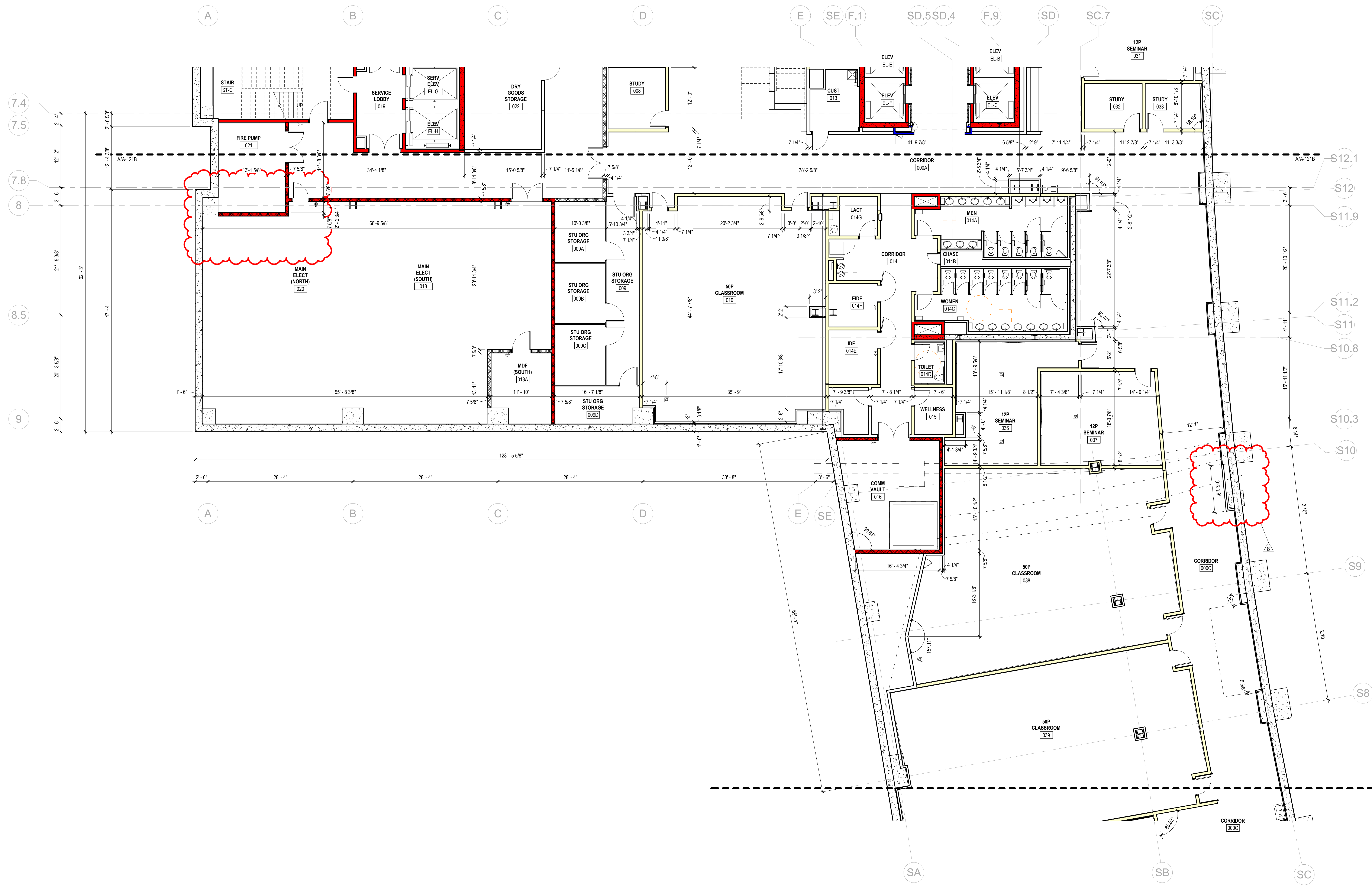
Refer to drawing IT-209B – IT REFLECTED CEILING PLAN – NINTH FLOOR FLOOR – AREA B

- A. Add tagged note IT62 to indicate corridor cable tray is to be 18" wide.

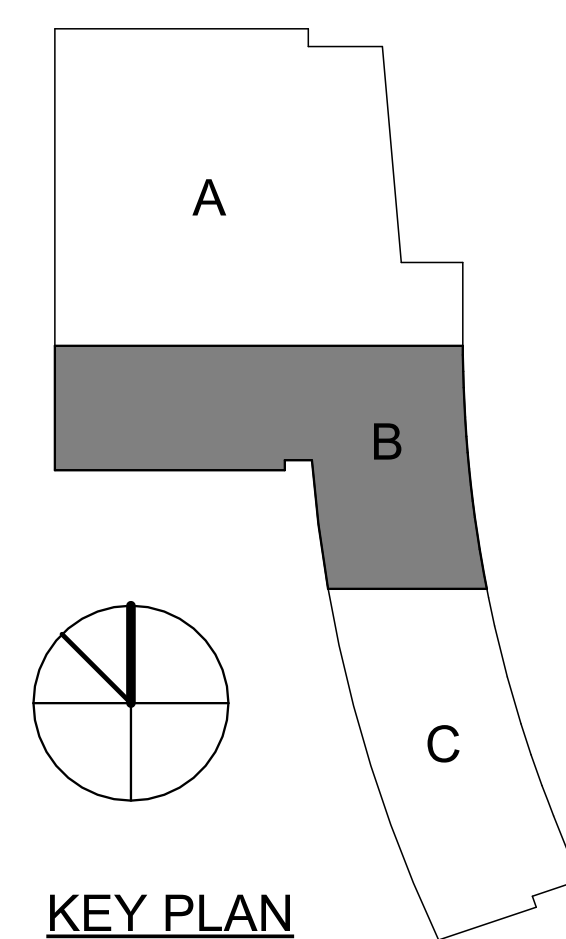
ATTACHMENTS:

- G-002
- A-120B
- A-144A
- E-201B
- E-301B
- IT-101A
- IT-101B
- IT-202C
- IT-206A
- IT-209B
- Specification 08 7100
- Specification 07 2119
- Specification Table of Contents

END OF ADDENDUM NO. 2.0



A DIMENSION PLAN - BASEMENT FLOOR - AREA B
1/8" = 1'-0"



RESERVED FOR ANJ STAMP



BP-05
MICHAEL D. RANKIN MD HEALTH EDUCATION BUILDING
UNIVERSITY OF KENTUCKY - BLDG NO. 0724
1148 UNIVERSITY DRIVE, LEXINGTON, KENTUCKY



ARCHITECTURAL

PROJECT	202170
DATE	12.16.24
REVISIONS	
No.	Description
3	BP-01 AS1.1
8	BP-05 ADD 2

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS IN ELECTRONIC OR ANY OTHER FORMAT, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO TRANSMIT THESE ELECTRONIC FILES TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RESULTING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

DIMENSION PLAN - BASEMENT FLOOR - AREA B

A-120B



RESERVED FOR ANJ STAMP



BP-05
MICHAEL D. RANKIN MD HEALTH
EDUCATION BUILDING
UNIVERSITY OF KENTUCKY, BLDG NO. 0724
1148 UNIVERSITY DRIVE, LEXINGTON, KENTUCKY



ARCHITECTURAL

PROJECT	202170	
DATE	12.16.24	
REVISIONS		
No.	Description	Date
4	BP-03 ADD 2	6.18.24
8	BP-05 ADD 2	1.6.25

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS IN AN ELECTRONIC OR ANY OTHER FORMAT, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO DISSEMINATE THESE ELECTRONIC FILES TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RESULTING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

REFLECTED CEILING PLAN - FOURTH FLOOR - AREA A

A-144A

RATED WALL LEGEND

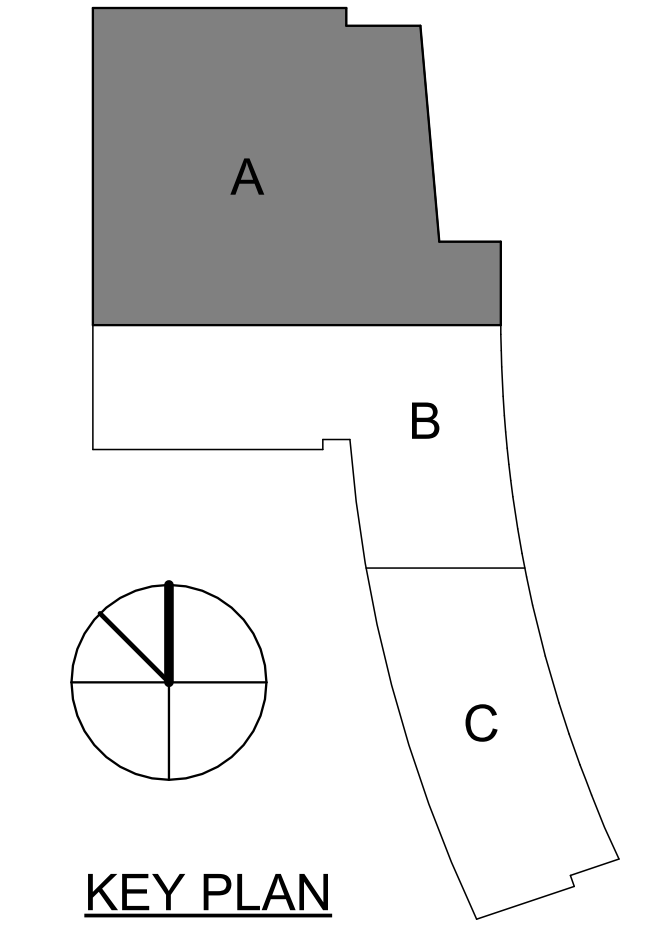
	NON-RATED PARTITION
	1-HOUR FIRE BARRIER
	2-HOUR FIRE BARRIER

CEILING TYPES

TYPE	DESCRIPTION
APC-01	2' x 2' ACOUSTICAL PANEL SYSTEM (09 5113)
APC-02	2' x 2' ACOUSTICAL PANEL SYSTEM - CONCEALED GRID (09 5113)
APC-03	2' x 2' ACOUSTICAL PANEL SYSTEM - HUMIDITY RESISTANT (09 5113)
APC-04	2' x 2' ACOUSTICAL PANEL SYSTEM - HEALTH (09 5113)
APC-05	2' x 2' ACOUSTICAL PANEL SYSTEM - CERAMAGUARD (09 5113)
EXP	EXPOSED STRUCTURE. REFER TO RCP FOR PAINT
GYP-P-03	5/8" GYPSUM BOARD ON METAL STUDS (09 2216) - PAINT 03
GYP-P-04	5/8" GYPSUM BOARD ON METAL STUDS (09 2216) - PAINT 04
GYP-P-06	5/8" GYPSUM BOARD ON METAL STUDS (09 2216) - PAINT 06
GYP-P-07	5/8" GYPSUM BOARD ON METAL STUDS (09 2216) - PAINT 07
GYP-P-08	5/8" GYPSUM BOARD ON METAL STUDS (09 2216) - PAINT 08
GYP-P-09	5/8" GYPSUM BOARD ON METAL STUDS (09 2216) - PAINT 09
GYP-01	5/8" GYPSUM BOARD ON METAL STUDS (09 2216)
GYP-02	5/8" MOLD & MOISTURE RESISTANT GYPSUM BOARD ON METAL STUDS (09 2216)
GYP-2HR	2 HR RATED HORIZONTAL ASSEMBLY
MBC-01	METAL BAFFLE CEILING (09 5000)
MPC-01	ARKTURA PERFORATED METAL PANEL CEILING - (XX XXXX)
SAC-01	SOUND ABSORBING CEILING BAFFLES (09 5113)
WPC-01	WOOD PANEL CEILING (09 5426)
WPC-02	WOOD PANEL CEILING (09 5426)

SPECIALTIES & EQUIPMENT SCHEDULE

DESCRIPTION	PROVIDED BY	COMMENTS
08 7100 - DOOR HARDWARE		
DH1 KNOX BOX	C.F.C.I.	
10 1100 - VISUAL DISPLAY SURFACES		
V01 MARKER BOARD (4' X 8') (WHITE)	C.F.C.I.	
V02 MARKER BOARD (4' X 8') (DARK BLUE)	C.F.C.I.	
V03 MARKER BOARD (4' X 7') (WHITE)	C.F.C.I.	
V04 MARKER BOARD (4' X 7') (DARK BLUE)	C.F.C.I.	
V05 MARKER BOARD (4' X 12') (DARK BLUE)	C.F.C.I.	
V06 MARKER BOARD (4' X 12') (WHITE)	C.F.C.I.	
V07 MARKER BOARD (4' X 4') (DARK BLUE)	C.F.C.I.	
V08 MARKER BOARD (4' X 4') (WHITE)	C.F.C.I.	
V09 MARKER BOARD (10' X 4') (DARK BLUE)	C.F.C.I.	
V10 MARKER BOARD (10' X 4') (WHITE)	C.F.C.I.	
V11 MARKER BOARD (10' X 4') (DARK BLUE)	C.F.C.I.	VERTICAL
V12 MARKER BOARD (10' X 4') (DARK BLUE)	C.F.C.I.	ANGLE CUT
V13 MARKER BOARD (4' X 10') (WHITE)	C.F.C.I.	
V14 MARKER BOARD (4' X 4') (DARK BLUE)	C.F.C.I.	
V15 MARKER BOARD (4' X 8') (WHITE)	C.F.C.I.	
V16 MARKER BOARD (4' X 8') (DARK BLUE)	C.F.C.I.	
V17 MARKER BOARD (4' X 8') (DARK BLUE)	C.F.C.I.	
V18 MARKER BOARD (8' X 4') (DARK BLUE)	C.F.C.I.	
V19 MARKER BOARD (FILLER) (DARK BLUE)	C.F.C.I.	
V20 MARKER BOARD (2' X 3') (WHITE)	C.F.C.I.	VERTICAL
V21 MARKER BOARD (2' X 3') (WHITE)	C.F.C.I.	VERTICAL
10 2239 - FOLDING PANEL PARTITIONS		
FP01 FOLDING OPERABLE ACOUSTICAL PANEL PARTITION	C.F.C.I.	
FP02 VERTICAL OPERABLE ACOUSTICAL PANEL PARTITION	C.F.C.I.	
10 2600 - WALL & DOOR PROTECTION		
CG-01 CORNER GUARD - 4" ABOVE TOP OF BASE	C.F.C.I.	varies
CG-02 STAINLESS STEEL WALL PROTECTION - 48" HIGH	C.F.C.I.	
10 2890 - TOILET ACCESSORY		
T01 GRAB BAR SET: 36" BACK, 42" SIDE, 18" VERTICAL	C.F.C.I.	
T02 GRAB BAR SET: 42" EACH SIDE, 18" VERTICAL EACH SIDE	C.F.C.I.	
T03 GRAB BAR - L SHAPED: 27" x 36"	C.F.C.I.	
T04 GRAB BAR - L SHAPED: 18" x 36"	C.F.C.I.	
T05 DOUBLE ROLL TOILET PAPER DISPENSER	C.F.C.I.	
T06 PAPER TOWEL DISPENSER - SURFACE MOUNTED	C.F.C.I.	
T07 SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED	C.F.C.I.	
T08 SANITARY NAPKIN DISPOSAL - PARTITION MOUNTED	C.F.C.I.	
T09 SOAP DISPENSER - SURFACE MOUNTED, VERTICAL	C.F.C.I.	
T10 FRAMELESS MIRROR - 18" x 30"	C.F.C.I.	
T11 ADA SHOWER SEAT	C.F.C.I.	
T12 SHOWER CURTAIN AND ROD	C.F.C.I.	
T13 COAT HOOK	C.F.C.I.	
T14 BABY CHANGING STATION	C.F.C.I.	
T15 UTILITY SHELF	C.F.C.I.	
T16 FRAMED MIRROR - 24" x 60"	C.F.C.I.	
10 4313 - DEFIBRILLATOR CABINETS		
D1 DEFIBRILLATOR CABINET	C.F.C.I.	
10 4413 - FIRE EQUIPMENT		
F1 RECESSED FIRE EXTINGUISHER CABINET	C.F.C.I.	
F2 BRACKET MOUNTED FIRE EXTINGUISHER	C.F.C.I.	
F3 STANDPIPE CABINET	C.F.C.I.	SEE MEP
10 5123 - LOCKERS		
L1 REFRIGERATOR LOCKER	O.F.O.I.	
L2 TRIPLE TIER LOCKER	C.F.C.I.	
L3 DOUBLE TIER S OR Z STYLE LOCKER	C.F.C.I.	
L4 PLASTIC LAMINATE-CLAD SINGLE LOCKERS	C.F.C.I.	
L5 ADA CHANGING BENCH - NO BACK SUPPORT - 44"x20"	C.F.C.I.	
L6 ADA CHANGING BENCH - WITH BACK SUPPORT - 44"x20"	C.F.C.I.	
L7 DOUBLE TIER LOCKER	C.F.C.I.	
11 1319 - LOADING DOCK EQUIPMENT		
DL1 RECESSED DOCK LEVELER	C.F.C.I.	
12 2413 - ROLLER WINDOW SHADES		
RS-1 MANUAL ROLLER SHADE (SURFACE MOUNTED)	C.F.C.I.	
RS-2 MOTORIZED ROLLER SHADE (SURFACE MOUNTED)	C.F.C.I.	
RS-3 MOTORIZED ROLLER SHADE - BLACKOUT (SURFACE MOUNTED)	C.F.C.I.	
RS-4 MOTORIZED ROLLER SHADE - CENTRALIZED CONTROL (RECESSED)	C.F.C.I.	
APPLIANCES		
A1 VENDING MACHINE	C.F.C.I.	
A2 REFRIGERATOR	C.F.C.I.	
A3 UNDER-COUNTER REFRIGERATOR	C.F.C.I.	
A4 MICROWAVE	C.F.C.I.	
A5 DISHWASHER	C.F.C.I.	
AV EQUIPMENT		
O2 WALL MOUNTED MONITOR	C.F.C.I.	
P1 PROJECTION SCREEN	C.F.C.I.	SEE MEP
EQUIPMENT		
COV-001 WALL MOUNTED MONITOR	C.F.C.I.	SEE AV
O1 COOPER	O.F.O.I.	
O2 WALL MOUNTED MONITOR	C.F.C.I.	SEE AV
O3 CEILING MOUNTED MONITOR	C.F.C.I.	SEE AV
O4 WIRE SHELVING	O.F.O.I.	
O5 UK WASTE RECEPTACLE - SS MODEL 1	O.F.O.I.	
O6 E-WASTE RECEPTACLE	O.F.O.I.	
O7 UK WASTE RECEPTACLE - RESTROOM	O.F.O.I.	



A REFLECTED CEILING PLAN - FOURTH FLOOR - AREA
1/8" = 1'-0"

ALTERNATES

- ALTERNATE #1 - ACADEMIC AREAS
- ALTERNATE #2 - WORKPLACE AREAS
- WORK LOCATED WITHIN THE BORDERED AREA SHALL ONLY BE PROVIDED IF THE ASSOCIATED ALTERNATE IS AWARDED. REFER TO ARCHITECTURAL DRAWINGS (G SERIES) FOR ADDITIONAL INFORMATION.
- WORK LOCATED WITHIN THE BORDERED AREA IS TO BE PRICED WITH BASE BID AND ALTERNATE OPTIONS.
- REFER TO THE LETTER ON THE ALTERNATE TAG FOR BASE-BID POWER DESCRIPTION. GENERAL PURPOSE POWER SHALL BE PROVIDED IN THESE AREAS AS DESCRIBED BELOW.
- BB. PROVIDE A SURFACE MOUNTED DUPLEX RECEPTACLE AT EACH COLUMN. RECEPTACLES SHALL BE SERVED BY CIRCUIT RP1C-1. CIRCUIT BREAKERS FOR ALL OTHER CIRCUITS SHOWN WITHIN THE BORDERED AREA ARE TO BE LABELED AS SPARE.

TAGGED NOTES

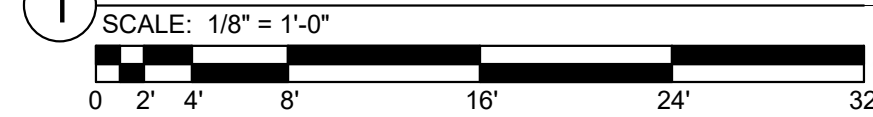
- E17 PROVIDE POWER CONNECTION TO CONTROL PANEL FOR MOTORIZED WINDOW SHADES. REFER TO ARCHITECTURAL DRAWINGS AND SPEC SECTION 122413 FOR ADDITIONAL INFORMATION. COORDINATE EXACT LOCATION WITH SHADE INSTALLER PRIOR TO ROUGH-IN.
- E18 PROVIDE POWER CONNECTION FOR DOOR OPERATORS/HARDWARE. COORDINATE CONNECTIONS WITH DOOR HARDWARE INSTALLER PRIOR TO ROUGH-IN.
- E20 PROVIDE POWER CONNECTION FOR CEILING MOUNTED PROJECTION SCREEN. COORDINATE EXACT LOCATION WITH PROJECTION SCREEN INSTALLER PRIOR TO ROUGH-IN.
- E22 PROVIDE POWER CONNECTION FOR AUTOMATIC FOLDING PARTITION. COORDINATE LOCATION AND REQUIREMENTS WITH PARTITION INSTALLER PRIOR TO ROUGH-IN.
- E32 PROVIDE POWER CONNECTION FOR DOCK LEVELER. COORDINATE EXACT LOCATION WITH DOCK LEVELER INSTALLER PRIOR TO ROUGH-IN.
- E39 WINDOW SHADE LOCAL CONTROLLER. INSTALL CONTROLLER ENCLOSURE 4" A.F.F. TO BOTTOM. COORDINATE FINAL LOCATION WITH ARCHITECT. CONTROL WIRING SHALL BE RAN FROM SWITCH AND DASHY CHAINED TO EACH MOTOR CONTROLLER. COORDINATE WITH ARCHITECTURAL PLANS AND SPEC SECTION 122413 FOR ADDITIONAL INFORMATION.

TAGGED NOTES

- E89 PROVIDE CONNECTION FOR UNDER-CABINET DISHWASHER. COORDINATE EXACT LOCATION WITH DISHWASHER INSTALLER PRIOR TO ROUGH-IN.
- E102 BUILDING EXPANSION JOINT. PROVIDE EXPANSION FITTINGS WITH GROUND BONDING JUMPER AS NECESSARY FOR ALL ELECTRICAL PATHWAYS THAT CROSS THIS SPACE. FITTINGS SHALL ACCOMMODATE A MINIMUM OF 7 INCHES OF DIFFERENTIAL MOVEMENT.
- E135 PROVIDE CONNECTION FOR CEILING MOUNT PROJECTOR LIFT. COORDINATE EXACT LOCATION WITH LIFT INSTALLER PRIOR TO ROUGH-IN.
- E143 RECEPTACLE SHALL BE MOUNTED IN CASEWORK, UNDER COUNTERTOP. ROUTE CONDUIT AND WIRING THROUGH CASEWORK BACK TO WALL. COORDINATE ROUTING WITH CASEWORK INSTALLER PRIOR TO ROUGH-IN.
- E144 PROVIDE JUNCTION BOX, MOUNTED BELOW COUNTERTOP, FOR IN-CASEWORK DEVICES. CASEWORK CIRCUITING SHALL BE ROUTED THROUGH THIS LOCATION. PROVIDE ADDITIONAL JUNCTION BOXES AS NEEDED.
- E153 GENERATOR ANNUNCIATOR PANEL.



1 FIRST FLOOR PLAN - POWER - AREA B



3225 Summit Square Place, Suite 300
Lexington, Kentucky 40509
859.252.6781



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ELECTRICAL

PROJECT 202170/XKSM21
DATE 12/16/2024

REVISIONS

No.	Description	Date
6	BP-5 ADDENDUM #2	01/09/25

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**ELECTRICAL
POWER PLAN -
FIRST FLOOR -
AREA B**

E-201B

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ALTERNATES	
	ALTERNATE #1 - ACADEMIC AREAS
	ALTERNATE #2 - WORKPLACE AREAS

TAGGED NOTES	
E1	APPROXIMATE LOCATION OF BUILDING EXPANSION JOINT. ALL CONDUIT CROSSING JOINT SHALL BE PROVIDED WITH SLIP EXPANSION COUPLINGS OR TRANSITION TO FLEXIBLE CONDUIT ACROSS JOINT. REFER TO STRUCTURAL PLANS FOR EXACT LOCATION.
FA2	PROVIDE FIRE ALARM CONNECTION FOR FIRE SMOKE DAMPERS.
FA11	FIREFIGHTER COMMUNICATIONS PHONE MAIN CONSOLE.

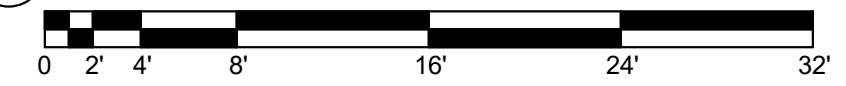
WORK LOCATED WITHIN THE BORDERED AREA SHALL ONLY BE PROVIDED IF THE ASSOCIATED ALTERNATE IS AWARDED. REFER TO ARCHITECTURAL DRAWINGS (G SERIES) FOR ADDITIONAL INFORMATION.

REFER TO THE LETTERS ON THE ALTERNATE TAG FOR BASE-BID SYSTEMS DESCRIPTION. GENERAL PURPOSE SYSTEMS SHALL BE PROVIDED IN THESE AREAS AS DESCRIBED BELOW:

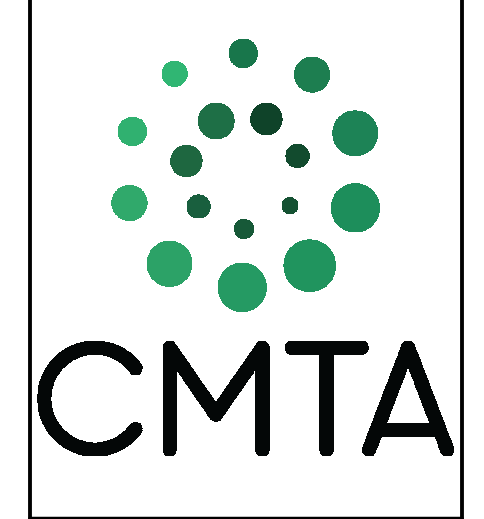
BB. BASE BID: PROVIDE THREE (3) AUDIOVISUAL CEILING MOUNTED NOTIFICATION DEVICES SPACED UNIFORMLY THROUGHOUT THE BORDERED AREA.
ALTERNATE BID: PROVIDE ALL WORK SHOWN ON PLAN.



1 SYSTEMS PLAN - FIRST FLOOR - AREA B
SCALE: 1/8" = 1'-0"



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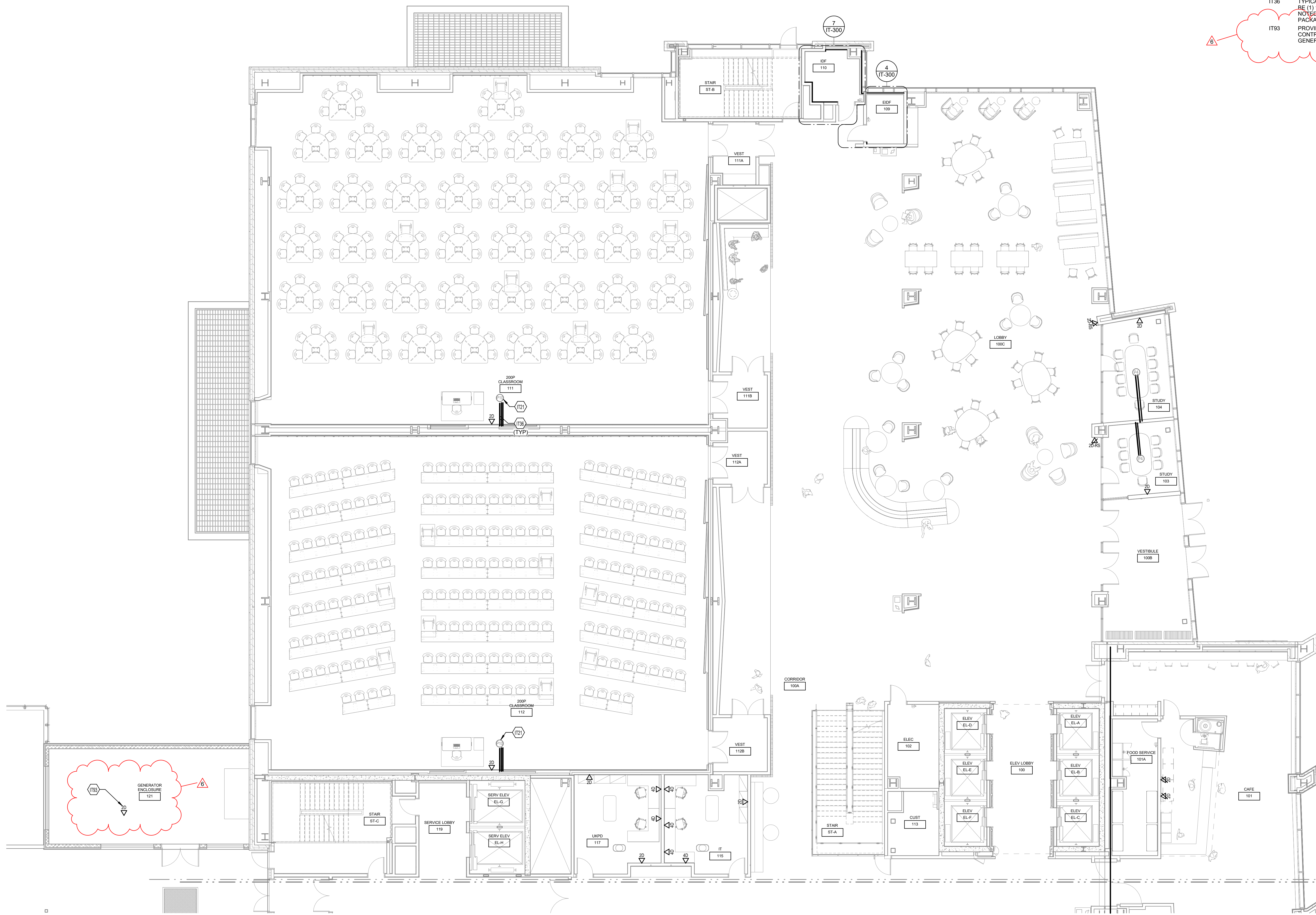


ELECTRICAL		
PROJECT	202170/XKSM21	
DATE	12/16/2024	
REVISIONS		
No.	Description	Date
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SYSTEMS PLAN - FIRST FLOOR - AREA B

E-301B
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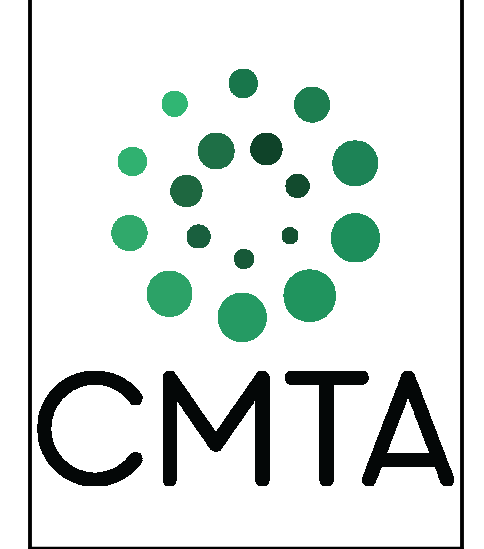


TAGGED NOTES

- IT21 REFER TO CLASSROOM FIBER RISER FOR INSTRUCTOR STATION FIBER ROUTING.
- IT36 TYPICAL CONDUIT TO CLASSROOM FLOOR BOXES SHALL BE (1) 1 INCH AND (2) 1-1/4 INCH UNLESS OTHERWISE NOTED. FLOORBOXES AND CONDUIT PROVIDED IN BID PACKAGE 2.
- IT93 PROVIDE DATA CONNECTION FOR GENERATOR CONTROL PANEL. COORDINATE EXACT LOCATION WITH GENERATOR INSTALLER PRIOR TO ROUGH-IN.



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COMMUNICATIONS

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IT PLAN - FIRST FLOOR - AREA A

IT-101A
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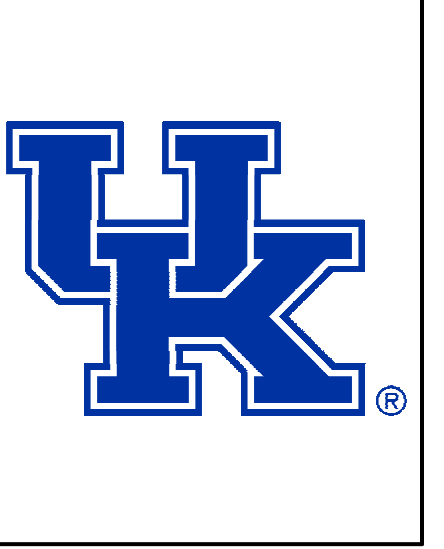
1 IT PLAN - FIRST FLOOR - AREA A
1/8" = 1'-0"



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IT PLAN - FIRST FLOOR - AREA B

IT-101B

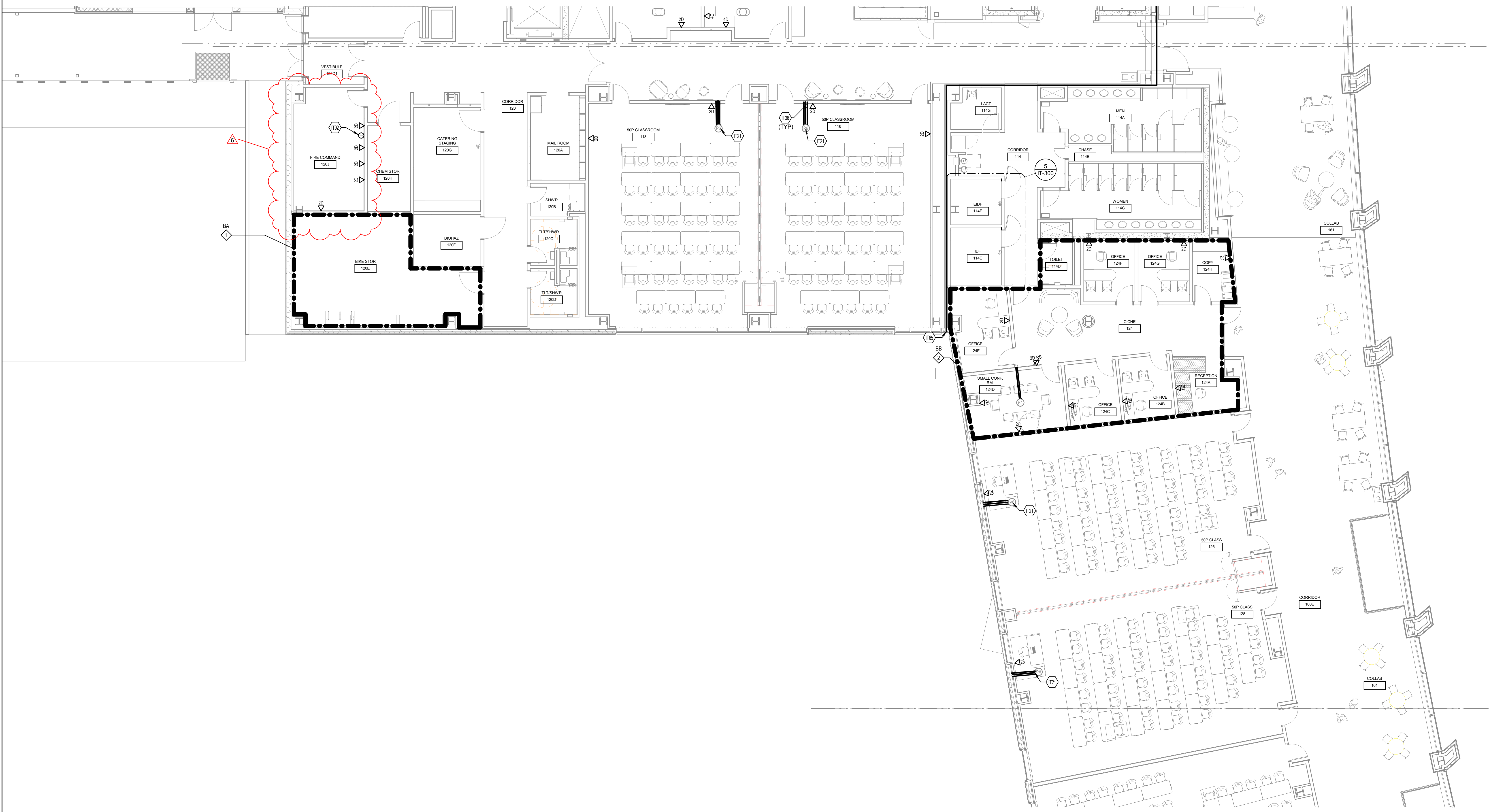
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ALTERNATES	
1	ALTERNATE #1 - ACADEMIC AREAS
2	ALTERNATE #2 - WORKPLACE AREAS

- WORK LOCATED WITHIN THE BORDERED AREA SHALL ONLY BE PROVIDED IF THE ASSOCIATED ALTERNATE IS AWARDED. REFER TO ARCHITECTURAL DRAWINGS (G-SERIES) FOR ADDITIONAL INFORMATION.
- WORK LOCATED WITHIN THE BORDERED AREA IS TO BE PRICED WITH BASE BID AND ALTERNATE OPTIONS.

TAGGED NOTES

- IT21 REFER TO CLASSROOM FIBER RISER FOR INSTRUCTOR STATION FIBER ROUTING.
- IT36 TYPICAL CONDUIT TO CLASSROOM FLOOR BOXES SHALL BE (1) 1 INCH, AND (2) 1-1/4 INCH, UNLESS OTHERWISE NOTED. FLOORBOXES AND CONDUIT PROVIDED IN BID PACKAGE 2
- IT65 TYPICAL ON ALL FLOORS: SEPARATE CABLE TRAY ALLOWING FOR 7" OF SHIFT ACROSS BUILDING EXPANSION JOINT. CABLE TRAY SHALL BE BONDED ACROSS SEPARATION.
- IT92 PROVIDE 6-STRAND FIBER OPTIC CABLE FOR FIRE ALARM CONTROL PANEL. COORDINATE EXACT LOCATION WITH FACP INSTALLER PRIOR TO ROUGH-IN.



1 IT PLAN - FIRST FLOOR - AREA B
1/8" = 1'-0"



- TAGGED NOTES**
- IT16 PROVIDE VERTICAL LADDER RACK, ATTACHED AT BOTTOM AND TOP OF RACK
 - IT17 INSTALL EZ PATH EZCTR618 (OR APPROVED EQUAL) IN WALL TO ACCOMMODATE CABLING ABOVE MDP'S AND IDP'S (HORIZONTAL PATHWAY). ROUTE CABLE TRAY THROUGH DEVICE.
 - IT18 INSTALL EZ PATH EZDP433GK (OR APPROVED EQUAL) IN 4 INCH HOLES TO ACCOMMODATE CABLING VERTICAL PATHWAY
 - IT62 PROVIDE 18 IN. CABLE TRAY. CABLE TRAY MUST HAVE 4 INCHES OF USABLE HEIGHT

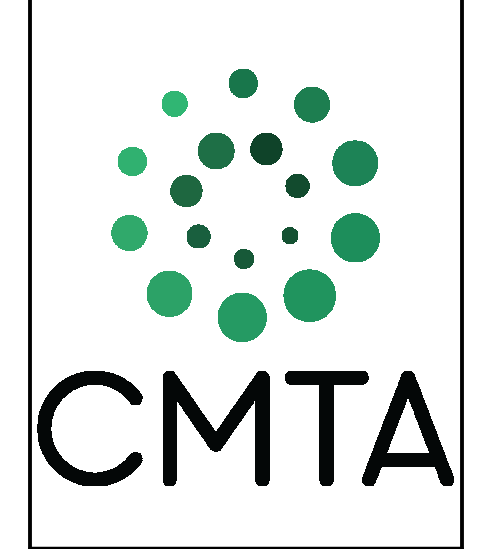
ALTERNATES	
1	ALTERNATE #1 - ACADEMIC AREAS
2	ALTERNATE #2 - WORKPLACE AREAS

- WORK LOCATED WITHIN THE BORDERED AREA SHALL ONLY BE PROVIDED IF THE ASSOCIATED ALTERNATE IS AWARDED. REFER TO ARCHITECTURAL DRAWINGS (S-SERIES) FOR ADDITIONAL INFORMATION.
- WORK LOCATED WITHIN THE BORDERED AREA IS TO BE PRICED WITH BASE BID AND ALTERNATE OPTIONS
- REFER TO THE LETTER ON THE ALTERNATE TAG FOR BASE-BID IT DESCRIPTION.
 - A. ALL CABLE TRAY SHALL BE PROVIDED AS INDICATED

1 IT REFLECTED CEILING PLAN - SECOND FLOOR - AREA C
1/8" = 1'-0"



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IT REFLECTED CEILING PLAN - SECOND FLOOR - AREA C



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IT REFLECTED CEILING PLAN - SIXTH FLOOR - AREA A

IT-206A
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- TAGGED NOTES**
- IT16 PROVIDE VERTICAL LADDER RACK, ATTACHED AT BOTTOM AND TOP OF RACK.
 - IT17 INSTALL EZ PATH EZCTR818 (OR APPROVED EQUAL) IN WALL TO ACCOMMODATE CABLING ABOVE MDF'S AND IDF'S (HORIZONTAL PATHWAY), ROUTE CABLE TRAY THROUGH DEVICE.
 - IT18 INSTALL EZ PATH EZDP433GK (OR APPROVED EQUAL) IN 4 INCH HOLES TO ACCOMMODATE CABLING (VERTICAL PATHWAY)
 - IT19 CABLE TRAY MUST BE BROKEN HERE TO ACCOMMODATE FOR EXPANSION JOINT. BONDING CABLE MUST BE PROVIDED ACROSS TRAY SECTIONS. ALLOW FOR 7" OF MOVEMENT
 - IT37 PROVIDE 10 DATA DROP FOR PARTITION SENSOR AT THIS LOCATION. COORDINATE EXACT LOCATION WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
 - IT62 PROVIDE 18 IN. CABLE TRAY, CABLE TRAY MUST HAVE 4 INCHES OF USABLE HEIGHT.
 - IT66 (4) 1/2" CONDUITS FOR CARRYING TELECOMMUNICATIONS CABLING. QUANTITY AS INDICATED.
 - IT70 TYPICAL: PROVIDE 20 DATA DROP MOUNTED ON CEILING AT THIS LOCATION FOR CEILING MOUNTED PROJECTOR. REFER TO AV ENLARGED PLAN FOR SPECIFIC PROJECTOR LOCATIONS.

ALTERNATES

1	ALTERNATE #1 - ACADEMIC AREAS
2	ALTERNATE #2 - WORKPLACE AREAS

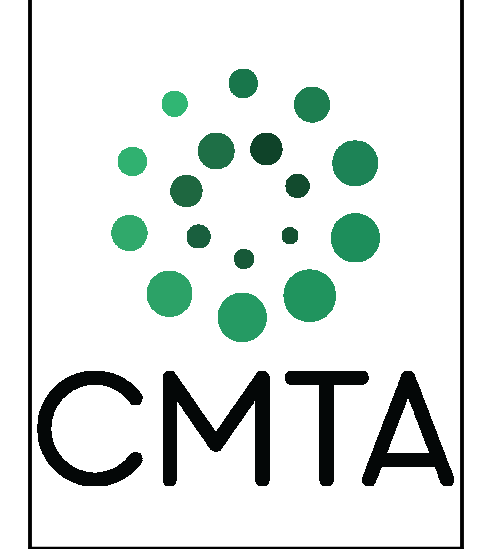
- WORK LOCATED WITHIN THE BORDERED AREA SHALL ONLY BE PROVIDED IF THE ASSOCIATED ALTERNATE IS AWARDED. REFER TO ARCHITECTURAL DRAWINGS (G SERIES) FOR ADDITIONAL INFORMATION.
- WORK LOCATED WITHIN THE BORDERED AREA IS TO BE PRICED WITH BASE BID AND ALTERNATE OPTIONS
- REFER TO THE LETTER ON THE ALTERNATE TAG FOR BASE-BID IT DESCRIPTION.
 - A. ALL CABLE TRAY SHALL BE PROVIDED AS INDICATED



1 IT REFLECTED CEILING PLAN - SIXTH FLOOR - AREA A
1/8" = 1'-0"



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COMMUNICATIONS

PROJECT 202170/XKSM21
DATE 12/16/2024

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IT REFLECTED CEILING PLAN - NINTH FLOOR - AREA B

IT-209B

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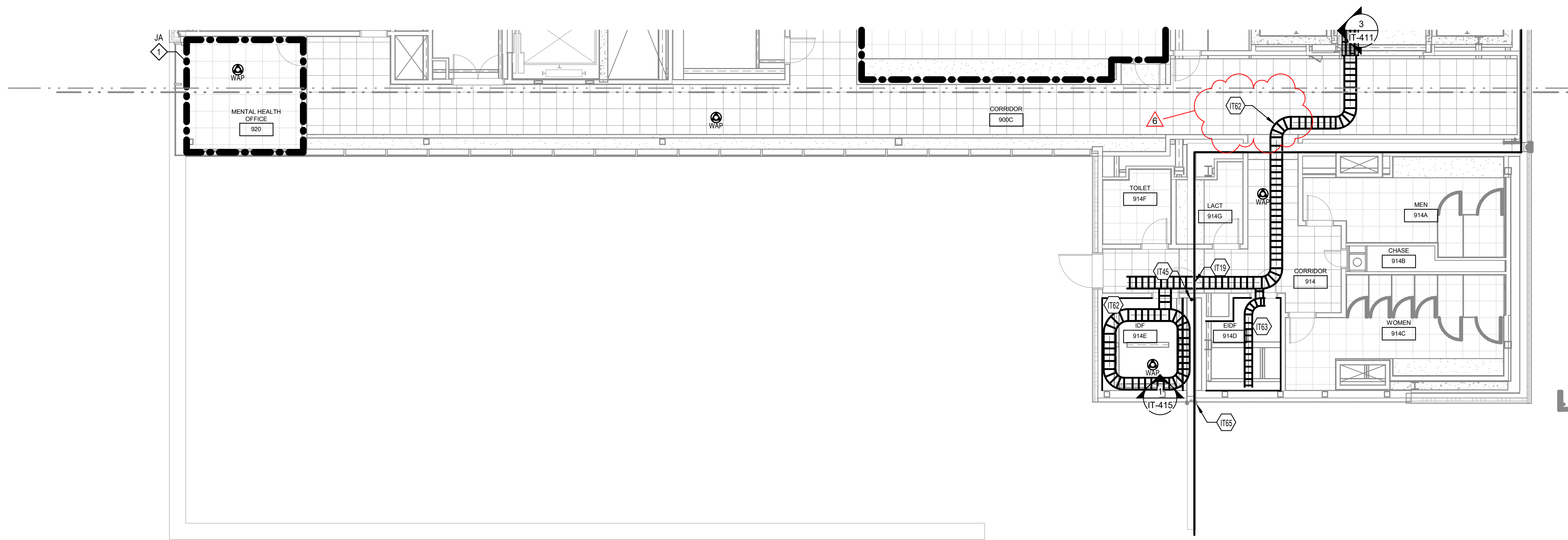
TAGGED NOTES

- IT19 CABLE TRAY MUST BE BROKEN HERE TO ACCOMMODATE FOR EXPANSION JOINT. BONDING CABLE MUST BE PROVIDED ACROSS TRAY SECTIONS. ALLOW FOR 7" OF MOVEMENT
- IT45 PROVIDE 2" RGS CONDUIT AND WEATHERHEAD THROUGH ROOF. EXTEND 12" ABOVE FINAL ROOF SURFACE.
- IT62 PROVIDE 18 IN. CABLE TRAY. CABLE TRAY MUST HAVE 4 INCHES OF USABLE HEIGHT
- IT63 PROVIDE 12 IN. CABLE TRAY. CABLE TRAY MUST HAVE 4 INCHES OF USABLE HEIGHT
- IT65 TYPICAL ON ALL FLOORS. SEPARATE CABLE TRAY ALLOWING FOR 7" OF SHIFT ACROSS BUILDING EXPANSION JOINT. CABLE TRAY SHALL BE BONDED ACROSS SEPARATION.

ALTERNATES

- 1 ALTERNATE #1 - ACADEMIC AREAS
- 2 ALTERNATE #2 - WORKPLACE AREAS

WORK LOCATED WITHIN THE BORDERED AREA SHALL ONLY BE PROVIDED IF THE ASSOCIATED ALTERNATE IS AWARDED. REFER TO ARCHITECTURAL DRAWINGS (S SERIES) FOR ADDITIONAL INFORMATION.



1 IT REFLECTED CEILING PLAN - NINTH FLOOR - AREA B
1/8" = 1'-0"

SECTION 087100 - DOOR HARDWARE

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
1. Commercial door hardware for the following:
 - a. Swinging pedestrian doors.
 2. Cylinders for doors specified in other Sections.
 3. **Electrified Door Hardware. Extensive locative installation information is contained in the Hardware Sets. Also, see electrical drawings and specifications.**

1.2 SUBMITTALS

- A. Number of Submittals: All items listed in this section are to be included in one submittal prepared by one supplier.
- B. Product Data: Include construction and installation details, material descriptions, dimensions of individual components and profiles, and finishes.
- C. **Shop Drawings: Details of electrified door hardware, indicating the following:**
1. **Wiring Diagrams for the Systems at the Four Entrance Vestibules: Factory drawn; power, signal, and control wiring. Hardware submittals not including these diagrams will be rejected without review. Include the following:**
 - a. Riser including mounting locations of electrified hardware, wire gages and number of conductors required.
 - b. Point-to-point wiring diagram including all terminations.
 - c. Elevation of each door including references to door and hardware set numbers.
 2. **Detail interface between electrified door hardware and access control system.**
 3. **Operation Narrative: Describe the operation of doors controlled by electrified door hardware.**
- D. **Samples for Initial Selection: For each finish, color, and texture required for each type of door hardware as requested by Architect.**
- E. **Samples for Verification: For exposed door hardware of each type, in specified finish, full size, as requested by Architect. Tag with full description for coordination with the door hardware sets. Submit Samples before, or concurrent with, submission of the final door hardware sets.**
1. **Samples will be returned to Contractor. Units that are acceptable and remain undamaged through submittal, review, and field comparison process may, after final check of operation, be incorporated into the Work, within limitations of keying requirements.**
- F. Qualification Data:
1. Finish Hardware Installers

- a. Finish hardware, including electrified hardware, for wood, hollow metal, and aluminum doors to be installed by personnel trained and certified by the manufacturer of the product furnished.
 - b. Provide manufacturer's certificates for installer as part of Contractor's bid information. Failure to supply certificates may result in rejection of bid.
 2. Hardware Supplier
 - a. Established contract hardware firm which maintains and operates an office, display, and stock in project area and which is a factory authorized distributor of the lock being furnished.
 - b. Hardware scheduled and furnished by or under direct supervision an Architectural Hardware Consultant.
 - c. All schedules submitted to the Architect for approval and job use must carry the signature and certified seal of this Architectural Hardware Consultant.
 3. Architectural Hardware Consultant
 - a. Currently certified by the Door and Hardware Institute.
 - b. Full-time employee of the Hardware Supplier.
 - c. Available at reasonable times to Architect, Owner, and Contractor during course of work.
- G. Maintenance Data: For each type of door hardware. Include final hardware schedule, product data sheets, keying schedule, riser diagrams, and point-to-point wiring diagrams in 3-ring binder, labeled on spine with project name and "Door Hardware".
- H. Warranty: Special warranty specified in this Section.
- I. Informational Submittals: Manufacturer's product information and applicable sustainability program credits that are available to contribute towards a LEED rated project certification.
1. Credit MR 4.1 and 4.2: Manufacturer's or fabricator's certificate indicating percentage of post-consumer recycled content by weight and pre-consumer recycled content by weight for each Product specified under this Section. Use materials with recycled content such that the sum of the post-consumer recycled content plus one-half of the pre-consumer content constitutes an additional 10% beyond MR Credit 4.1 (total of 20% based on cost) of the total values of the material in the project as follows:
 - a. Floor Closers: 63%
 - b. Pivots: 78%
 - c. Cylindrical Locks: 58%
 - d. Mortise Locks: 57%
 - e. Exit Devices: 54%
 - f. Door Closers: 51%
 - g. Overhead Stops: 46%
 2. Low-Emitting Materials EQ 4.2: Provide products that reduce the quantity of indoor air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of installers and occupants; products shall not produce VOC emissions.
- J. Other Action Submittals:
1. Door Hardware Sets: Prepared by or under the supervision of a DHI certified Architectural Hardware Consultant, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final door hardware sets with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 - a. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule"; other formats will be rejected without review. Double space entries, and number and date each page.
 - b. Number of Copies: (5).
 - c. Sequence of Sets: Submittal hardware sets shall be in exact same order as specification hardware sets: one heading per specification and submittal hardware

set. Submittal set numbers shall relate to specification set numbers, ie. if three headings are required for Set 12 due to door width differences, then the heading numbers should be 12.1, 12.2, 12.3 or 12A, 12B, and 12C, or employing similar linking logic.

- d. Content: Include the following information:
- 1) Identification number, location, hand, fire rating, and material of each door and frame.
 - 2) Notes included with specification hardware sets transcribed verbatim into submittal hardware sets.
 - 3) Type, style, function, size, quantity, and finish of each door hardware item.
 - 4) Complete designations of every item required for each door or opening including name and manufacturer.
 - 5) Degree of opening for closer and overhead stop and holder installation.
 - 6) Keying information.
 - 7) Fastenings and other pertinent information.
 - 8) Location of each door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
 - 9) Explanation of abbreviations, symbols, and codes contained in schedule.
 - 10) Mounting locations for door hardware.
 - 11) Door and frame sizes and materials.
 - 12) Description of each electrified door hardware function, including location, sequence of operation, and interface with other building control systems.
 - a) Sequence of Operation: Include description of component functions that occur in the following situations: authorized person wants to enter; authorized person wants to exit; unauthorized person wants to enter; unauthorized person wants to exit.
 - 13) List of related door devices specified in other Sections for each door and frame.
- e. Submittal Sequence: Submit the final door hardware sets at earliest possible date, particularly where approval of the door hardware sets must precede fabrication of other work that is critical in Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the door hardware sets.

1.3 QUALITY ASSURANCE

- A. Furnish proper hardware types and quantities for proper door function, hardware mounting and clearances, aesthetics, and to meet applicable codes. Bring discrepancies to the attention of the Architect a minimum of (10) days prior to bid date so that an addendum may be issued and costs included in the bid. No additional compensation will be allowed after bidding for hardware changes required for proper function, hardware mounting or clearances, aesthetics or to meet codes. The specification is not a detail from which products should be ordered; detailing the project is the responsibility of the Contract Hardware Supplier.**
- B. Engineering Responsibility: Preparation of data for electrified door hardware, including Shop Drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this Project.
- C. Source Limitations: **All items listed in this section are to be furnished by one supplier.** Obtain each type and variety of door hardware from a single manufacturer, unless otherwise indicated.

1. Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated. Manufacturers that perform electrical modifications and that are listed by a testing and inspecting agency acceptable to authorities having jurisdiction are acceptable.
- D. Fire-Rated Door Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252 or UBC Standard 7-2.
 1. Test Pressure: After 5 minutes into the test, neutral pressure level in furnace shall be established at 40 inches (1016 mm) or less above the sill.
- E. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
- F. Keying Conference: Hold keying conference to discuss factory keying of the permanent cores, shipping of those cores from factory to UK Key Shop, and coordination of construction cores and the installation of the permanent cores. Conference participants to include Contractor, entity installing the key cylinder housings, UK Key Shop Supervisor, Architect, key cylinder Supplier's AHC.
- G. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Division 01 Section "Project Management and Coordination." In addition to Owner, Contractor, and Architect, conference participants shall also include Certified Installer, Hardware Supplier's Architectural Hardware Consultant, Architect's Hardware Consultant, Owner's Security Consultant, and Security Supplier. Review methods and procedures related to electrified door hardware including, but not limited to, the following:
 1. Coordinate electrical roughing-in and other preparatory work to be performed by other trades.
 2. Review sequence of operation for each type of electrified door hardware.
 3. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
 4. Review required testing, inspecting, and certifying procedures.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up for door hardware delivered to Project site.
- B. Tag each item or package separately with identification related to the final door hardware sets, and door numbers, and include basic installation instructions, templates, and necessary fasteners with each item or package.

1.5 COORDINATION

- A. Templates: Distribute door hardware templates for doors, frames, and other work specified to be factory prepared for installing door hardware. Distribute templates in a timely manner so as not to delay suppliers. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.

- B. Electrical System Roughing-in: Coordinate layout and installation of electrified door hardware with connections to power supplies, fire alarm system and detection devices, access control system, and security system.

1.6 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures including excessive deflection, cracking, or breakage.
 - b. Faulty operation of operators and door hardware.
 - c. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.
 - 2. Warranty Period: **Five years** (this includes all mechanical and electrified hardware items) from date of Final Completion, except as follows:
 - a. Manual Closers: 10 years from date of Final Completion.

1.7 MAINTENANCE SERVICE

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.
- B. Maintenance Service: Beginning at Substantial Completion, provide six months' full maintenance by skilled employees of door hardware Installer. Include quarterly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper door hardware operation. Provide parts and supplies same as those used in the manufacture and installation of original products.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

- A. General: Provide door hardware for each door to comply with requirements in this and door hardware sets indicated in Part 3 "Door Hardware Sets" Article.
 - 1. Door Hardware Sets: Provide quantity, item, size, finish or color indicated, and named manufacturers' products.
 - 2. Sequence of Operation: Provide electrified door hardware function, sequence of operation, and interface with other building control systems indicated.
- B. Designations: Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of door hardware are indicated in Part 3 "Door Hardware Sets" Article. Products are identified by using door hardware designations, as follows:

1. Named Manufacturers' Products: Manufacturer and product designation are listed for each door hardware type required for the purpose of establishing minimum requirements. Manufacturers' names are abbreviated in Part 3 "Door Hardware Sets" Article.
2. References to BHMA Standards: Provide products complying with these standards and requirements for description, quality, and function.

C. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:

1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include manufacturers specified.

2.2 BUTT HINGES, GENERAL

A. Quantity: Provide the following, unless otherwise indicated:

1. Two Hinges: For doors with heights up to 60 inches (1524 mm).
2. Three Hinges: For doors with heights 61 to 90 inches (1549 to 2286 mm).
3. Four Hinges: For doors with heights 91 to 120 inches (2311 to 3048 mm).
4. For doors with heights more than 120 inches (3048 mm), provide 4 hinges, plus 1 hinge for every 30 inches (750 mm) of door height greater than 120 inches (3048 mm).

B. Template Requirements: Except for hinges and pivots to be installed entirely (both leaves) into wood doors and frames, provide only template-produced units.

C. Hinge Height, Width, and Weight: Unless otherwise indicated, provide the following:

1. Doors with Exit Devices or 3'6" or more in width: 5" high, heavy-weight hinges.
2. Doors less than 3'6" in width: 4-1/2" high, standard-weight hinges.
3. Width: 4-1/2" heavy-weight, 4" standard-weight unless proper clearance requires a different width.
4. Doors with Closers: Ball-bearing hinges.

D. Hinge Base Metal: Unless otherwise indicated, provide the following:

1. Exterior and in-swinging restroom door hinges: Stainless steel, with stainless-steel pin.
2. Balance of hinges: Steel, with steel pin.

E. Hinge Options: Comply with the following:

1. Nonremovable Pins: Provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for reverse bevel lockable doors.
2. Corners: Square.
3. Number of knuckles: Five.

F. Jamb-to-Door Electric Power Transfers:

1. Power Transfer: (10) conductor, rigid tubing, two universal joints, (2) 18ga wires and (10) 24ga wires. Capable of 180 degrees of opening.
2. Basis of Design: Securitron (SEC).

G. Fasteners: Comply with the following:

1. Machine Screws: For metal doors and frames. Install into drilled and tapped holes.
2. Wood Screws: For wood doors and frames.
3. Threaded-to-the-Head Wood Screws: For fire-rated wood doors.
4. Screws: Phillips flat-head. Finish screw heads to match surface of hinges.

H. Template Hinge Dimensions: BHMA A156.7.

I. Available Manufacturers:

1. Hager Companies (HAG).
2. Ives (IVE).
3. McKinney Products Company; an ASSA ABLOY Group company (MCK).
4. PBB.
5. Stanley Commercial Hardware; Div. of The Stanley Works (STH).

2.3 CONTINUOUS HINGES

A. Configuration: Provide hinges of proper size, shape, design, model and inset for door fit and function, and consistent with series and finish specified in hardware sets.

B. Continuous, Pinless-Type Hinges: Extruded-aluminum, pinless, hinge leaves; with concealed, self-lubricating thrust bearings.

1. Available Manufacturers:
 - a. Hager Companies (HAG).
 - b. Stanley.
 - c. Select Products Limited (SPL).
 - d. Ives.
 - e. Pemko (PEM).

2.4 LOCKS AND LATCHES, GENERAL

A. Accessibility Requirements: Where indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."

1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22 N).

B. Latches and Locks for Means of Egress Doors: Comply with NFPA 101. Latches shall not require more than 15 lbf (67 N) to release the latch. Locks shall not require use of a key, tool, or special knowledge for operation.

C. Electrified Locking Devices: BHMA A156.25.

D. Lock Trim:

1. Levers: Cast.
 - a. Sargent P model with full smooth return.
2. Lockset Designs: Provide design indicated in hardware sets, or, if sets are provided by another manufacturer, provide designs that match those designated.

- E. Lock Throw: Comply with testing requirements for length of bolts required for labeled fire doors, and as follows:
 - 1. Mortise Locks: Minimum 3/4-inch (19-mm) latchbolt throw.
- F. Backset: 2-3/4 inches (70 mm), unless otherwise indicated.
- G. Strikes: Manufacturer's standard strike with strike box for each latchbolt or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, and as follows:
 - 1. Strikes for Mortise Locks and Latches: BHMA A156.13.

2.5 MECHANICAL LOCKS AND LATCHES

- A. Lock Functions: Function numbers and descriptions indicated in door hardware sets comply with the following:
 - 1. Mortise Locks: BHMA A156.13.
- B. Electromechanical Mortise Locks: Stamped steel case with steel or brass parts; BHMA A156.13 Grade 1. **Locks must have onboard 24VDC lock/unlock, REX monitoring of inside lever, latch monitoring, door position monitoring; if the lock cannot come with these features or be modified have all of these features, then it cannot be furnished. Electrical modifications by ACSI, CAT or SDC are permitted.**
 - 1. Available Manufacturers:
 - a. Best Access Systems; Div. of The Stanley Works (BAS).
 - b. Schlage Commercial Lock Division; an Allegion Company (SCH).
 - c. Hager (HAG).
 - d. Sargent (SAR).
 - e. Corbin-Russwin.
 - f. Yale.
 - g. SDC.
- C. Mechanical mortise Locks: Stamped steel case with steel or brass parts; BHMA A156.13 Grade 1.
 - 1. Available Manufacturers:
 - a. Best Access Systems; Div. of The Stanley Works (BAS).
 - b. Schlage Commercial Lock Division; an Allegion Company (SCH).
 - c. Hager (HAG).
 - d. Sargent (SAR).
 - e. Corbin-Russwin.
 - f. Yale.

2.6 ELECTRIC STRIKES

- A. Standard Electric Strikes: Heavy duty, cylindrical and mortise lock electric strikes conforming to ANSI/BHMA A156.31, Grade 1, UL listed for both Burglary Resistance and for use on fire rated door assemblies. Stainless steel construction with dual interlocking plunger design tested to exceed 3000 lbs. of static strength and 350 ft-lbs. of dynamic strength. Strikes tested for a

minimum 1 million operating cycles. Provide strikes with 12 or 24 VDC capability and supplied standard as fail-secure unless otherwise specified. Option available for latchbolt and latchbolt strike monitoring indicating both the position of the latchbolt and locked condition of the strike. Option for independent capture and release of both deadbolt and latchbolt.

1. Acceptable Manufacturers:
 - a. Trine (TRN) - 4100 series.
 - b. Securitron MUNL series (SEC).
 - c. Equal approved prior to bid.

2.7 DOOR BOLTS

- A. Bolt Throw: Comply with testing requirements for length of bolts required for labeled fire doors, and as follows:
 1. Mortise Flush Bolts: Minimum 3/4-inch (19-mm) throw.
- B. Manual Flush Bolts: BHMA A156.16, Grade 1; designed for mortising into door edge.
 1. Available Manufacturers:
 - a. Door Controls International (DCI).
 - b. Hager Companies (HAG).
 - c. IVES Hardware; an Allegion Company (IVS).
 - d. Rockwood Manufacturing Company (RM).
 - e. Trimco (TBM).
- C. Automatic and Self-Latching Flush Bolts: BHMA A156.3, Grade 1; designed for mortising into door edge without removing material from the door corner.
 1. Available Manufacturers:
 - a. Door Controls International (DCI).
 - b. Hager Companies (HAG).
 - c. IVES Hardware; an Allegion Company (IVS).
 - d. Rockwood Manufacturing Company (RM).
 - e. Trimco (TBM).

2.8 EXIT DEVICES

- A. Exit Devices: BHMA A156.3, Grade 1.
- B. Accessibility Requirements: Where handles, pulls, latches, locks, and other operating devices are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."
 1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22 N).
- C. Exit Devices for Means of Egress Doors: Provide exit devices on doors servicing spaces with occupant loads of 50 or more, and as required by the National Electrical Code. Comply with NFPA 101. Exit devices shall not require more than 15 lbf (67 N) to release the latch. Locks shall not require use of a key, tool, or special knowledge for operation.

- D. Panic Exit Devices: Listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for panic protection, based on testing according to UL 305.
- E. Fire Exit Devices: Devices complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire and panic protection, based on testing according to UL 305 and NFPA 252.
- F. Pairs must utilize concealed vertical cable technology.
- G. Outside Trim: As specified in hardware sets; material and finish to match locksets, unless otherwise indicated.
 - 1. Match design for locksets and latchsets, unless otherwise indicated.
- H. Fasteners. Manufacturer's standard, except furnish sex bolts for attachments to doors.
- I. Shims: Provide shims if needed for clearance.
- J. Available Manufacturers for Concealed Vertical Cable exit devices:
 - 1. Von Duprin; an Allegion Company (VON).
 - 2. Equal approved prior to bid.
- K. Available Manufacturers for exit devices other than Concealed Vertical Cable exit devices:
 - 1. Von Duprin; an Allegion Company (VON).
 - 2. Precision Hardware Inc. (PHI).
 - 3. Detex (DTX).
 - 4. Sargent (SAR).

2.9 LOCK CYLINDERS AND HOUSINGS

- A. Permanent key cylinder cores as scheduled in the hardware sets are to be furnished by the Contract Hardware Supplier and turned over to the UK Keyshop to install. Provide (furnish and install) small-format 7-pin key cylinder housings as scheduled in the hardware sets. Provide patented permanent cores, keyway as directed by UK Keyshop Supervisor.
- B. Construction Keying: Comply with the following:
 - 1. Construction Cores: Provide keyed brass construction cores that are replaceable by permanent cores for all locking devices. Provide 6 construction master keys.
- C. Available Manufacturers:
 - 1. Best Access Systems; Div. of DormaKaba (BES). No substitutes allowed.

2.10 KEYING

- A. Keying System: Factory registered, complying with guidelines in BHMA A156.28, Appendix A. Incorporate decisions made in keying conference, and as follows:
 - 1. Factory combinate cores as directed by Owner.

- B. Keys: Nickel silver.
 - 1. Stamping: Permanently inscribe each key with a visual key control number and include the following notation:
 - a. Notation: "DO NOT DUPLICATE."
 - 2. Quantity: Provide the following:
 - a. Cylinder Change Keys: Three per cylinder.
 - b. Master Keys: Six per master.
 - c. Blanks: Twenty-five.

2.11 OPERATING TRIM

- A. Materials: Fabricate from stainless steel, unless otherwise indicated.
- B. Dimensions: All dimensions, shapes, and other properties identical to models specified in hardware sets.
- C. **Fasteners: Manufacturer's machine or self-tapping countersunk bevel head screws. Plates countersunk for bevel head screws.**
- D. Available Manufacturers:
 - 1. Hager Companies (HAG).
 - 2. IVES Hardware; an Allegion Company (IVS).
 - 3. Rockwood Manufacturing Company (RM).
 - 4. Trimco (TBM).
 - 5. Forms & Surfaces.
 - 6. Elmes.

2.12 SURFACE CLOSERS

- A. Accessibility Requirements: Where handles, pulls, latches, locks, and other operating devices are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."
 - 1. Comply with the following maximum opening-force requirements:
 - a. Interior, Non-Fire-Rated Hinged Doors: 5 lbf (22.2 N) applied perpendicular to door.
 - b. Fire Doors: Minimum opening force allowable by authorities having jurisdiction.
- B. Door Closers for Means of Egress Doors: Comply with NFPA 101. Door closers shall not require more than 30 lbf (133 N) to set door in motion and not more than 15 lbf (67 N) to open door to minimum required width.
- C. Fasteners: Manufacturer's standard for arms, shoes and brackets. Sex bolts for fastening closers to doors.
- D. Mounting Accessories: Provide shoes, brackets, drop plates, spacers, etc., as needed for proper mounting of closers and arms to door and frame.
- E. Spring Size of Units: Provide field-sizable closers, adjustable for spring sizes 1-6, plus 50% extra spring power at spring size 6, to meet field conditions and requirements for opening force.

- F. Cylinders: 1-1/2" minimum diameter; cast iron or high-silicon alloy aluminum.
- G. Mounting Configuration: Unless otherwise indicated by model number in the hardware sets:
 - 1. Do not furnish closers capable of being mounted on the corridor side of doors.
 - 2. Do not furnish regular arm closers in areas accessible to students.
 - 3. If tri-pack closers are furnished for regular arm applications, remove parallel arm shoe from closer box before delivering to job.
 - 4. Parallel Arm closers are to be manufacturer's double forged rigid models.
- H. Available Manufacturers:
 - 1. LCN Closers; an Allegion Company (LCN): 4040XP series.
 - 2. Hager 5100 series.
 - 3. Sargent 351 or 281 series.
 - 4. Corbin Russwin DC8000 series.

2.13 AUTOMATIC DOOR OPERATORS

- A. Standard: Set up operator to comply with Low Energy BHMA A156.19 standard. Operator shall also be capable of complying with High Energy BHMA A156.10 standard with no additional equipment required other than safety sensors.
- B. Performance Requirements:
 - 1. Not more than 15 lbf (67 N applied) 1 inch (25 mm) from latch edge of door to prevent stopped door from opening or closing.
 - 2. If power fails, not more than 30 lbf (133 N applied) 1 inch (25 mm) from latch edge of door to manually set door in motion.
 - 3. Warranted for use on out-swinging exterior doors with the use of a supplemental stop.
- C. Operation: Power opening and spring closing; **power closing to get door latched when encountering resistance**. When not in automatic mode, door operator shall function as manual door closer, with or without electrical power.
- D. Operating System: Electromechanical.
- E. Microprocessor Control Unit: Solid-state controls.
- F. Features:
 - 1. Adjustable opening and closing speed.
 - 2. Adjustable opening and closing force.
 - 3. Adjustable backcheck.
 - 4. Adjustable latch speed.
 - 5. Adjustable hold-open time of not less than 0 to 30 seconds.
 - 6. Adjustable time delay.
 - 7. Adjustable acceleration.
 - 8. Obstruction recycle.
 - 9. Provide lock interface relay when not specified as part of locking device power supply.
 - 10. On/Off/HO switch on side, top or bottom of housing, as directed by Owner.
- G. Mounting: Surface mounted to top jamb.
- H. Mounting Accessories: Provide shoes, brackets, drop plates, spacers, etc., as needed for proper mounting of operators and arms to door and frame.

- I. Bollards:
 - 1. Of material, size, configuration and shape indicated.
 - 2. Material: Stainless steel.
 - 3. Available Manufacturers for Bollards:
 - a. Wikk Industries (WIK).

- J. Actuators:
 - 1. Wall Push-Plate Switch: Semiflush, wall-mounted, door control switch; of material, size, and shape indicated; weather resistant for exterior applications; mounted in recessed junction box. Provide engraved message as indicated.
 - 2. Wall Touchless Switch: Semiflush, wall-mounted, door control switch of material, size and shape indicated; mounted in recessed junction box. Provide engraved message as indicated.
 - 3. Material: Stainless steel.
 - 4. Message: International symbol of accessibility and "Push to Open."
 - 5. Available Manufacturers for Actuators:
 - a. BEA (BEA).
 - b. Wikk Industries (WIK).

- K. Automatic Door Operator Signage:
 - 1. Comply with BHMA A156.19.
 - 2. Consult Architect before applying signage to door.

- L. Available manufacturers for Automatic Door Operators:
 - 1. Besam SW200i series. (BSM).
 - 2. LCN Closers; an Allegion Company (LCN); Senior Swing series.
 - 3. Stanley Access Technologies (SAT); M-Force series.

2.14 PROTECTIVE TRIM UNITS

- A. Size:
 - 1. Width
 - a. Singles, and pairs with removable mullions or surface applied astragals: 2 inches (38 mm) less than door width on push side and 1 inch (13 mm) less than door width on pull side
 - b. Other pairs: 1 inch (13 mm) less than door width
 - 2. Height: as specified in door hardware sets; or, if constrained by door bottom rail height, 1" less than bottom rail height.

- B. Fasteners: Manufacturer's machine or self-tapping countersunk bevel head screws. Plates countersunk for bevel head screws.**

- C. Metal Protective Trim Units: BHMA A156.6; beveled 4 sides; fabricated from 0.050-inch- (1.3-mm-) thick stainless steel.

- D. Available Manufacturers:
 - 1. Hager Companies (HAG).
 - 2. IVES Hardware; an Allegion Company (IVS).
 - 3. McKinney Products Company; an ASSA ABLOY Group company (MCK).
 - 4. Rockwood Manufacturing Company (RM).
 - 5. Trimco (TBM).

2.15 MECHANICAL WALL STOPS AND HOLDERS

- A. Stops and Bumpers: BHMA A156.16, Grade 1.
 - 1. Provide wall stops for doors unless floor, overhead, or other type stops are scheduled or indicated. Convex stops are indicated in hardware sets for estimating purposes only. Provide convex stops unless lock pushbutton function requires concave stop for proper function. Where wall stops are not appropriate, provide overhead holders.
 - 2. Properties. Cast construction with fastener suitable for wall or floor condition.
 - 3. Available Manufacturers:
 - a. Hager Companies (HAG).
 - b. IVES Hardware; an Allegion Company (IVS).
 - c. Rockwood Manufacturing Company (RM).
 - d. Trimco (TBM).

2.16 OVERHEAD STOPS AND HOLDERS

- A. BHMA A156.8, Grade 1.
- B. Available Manufacturers:
 - 1. Architectural Builders Hardware Mfg., Inc. (ABH).
 - 2. Glynn-Johnson; an Allegion Company (GJ).
 - 3. Hager (HAG).
 - 4. Rixson Specialty Door Controls; an ASSA ABLOY Group company (RIX).
 - 5. SARGENT Manufacturing Company; an ASSA ABLOY Group company (SGT).
 - 6. Rockwood (ROC).

2.17 ELECTROMAGNETIC DOOR HOLDERS

- A. BHMA A156.15.
- B. Coordinate with fire detectors and interface with fire alarm system for labeled fire door assemblies.
- C. Available Manufacturers:
 - 1. Architectural Builders Hardware Mfg., Inc. (ABH).
 - 2. Hager (HAG).
 - 3. Edwards (EDW).
 - 4. Rixson (RIX).

2.18 SILENCERS

- A. Provide silencers for Wood and Metal Door Frames: BHMA A156.16, Grade 1; neoprene or rubber, minimum diameter 1/2 inch (13 mm); fabricated for drilled-in application to frame.
- B. Available Manufacturers:
 - 1. Glynn-Johnson; an Allegion Company (GJ).
 - 2. Hager Companies (HAG).
 - 3. IVES Hardware; an Allegion Company (IVS).

4. Rockwood Manufacturing Company (RM).
5. Trimco (TBM).

2.19 DOOR GASKETING

- A. General: Provide continuous weather-strip gasketing on exterior hollow metal doors and provide smoke, light, or sound gasketing on interior doors where indicated or scheduled. Provide noncorrosive fasteners as indicated by models in hardware sets.
 1. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.
 2. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.
- B. Requirements per type of rated door provided (these requirements supersede models indicated in hardware sets):
 1. Category A wood doors: provide models indicated in hardware sets.
 2. Category B wood doors: provide NGP 9550 (or approved equal) Category G&H seals at jambs and meeting edges. If sound seals are indicated in hardware sets, provide the 9550 seals in addition to the sound seals.
 3. Category A and B hollow metal doors: provide models indicated in hardware sets.
- C. Air Leakage: Not to exceed 0.50 cfm per foot (0.000774 cu. m/s per m) of crack length for gasketing other than for smoke control, as tested according to ASTM E 283.
- D. Smoke-Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke-control ratings indicated, based on testing according to UL 1784.
 1. Provide smoke-labeled gasketing on 20-minute-rated doors and on smoke-labeled doors.
- E. Fire-Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252 or UBC Standard 7-2.
 1. Test Pressure: After 5 minutes into the test, neutral pressure level in furnace shall be established at 40 inches (1016 mm) or less above the sill.
- F. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.
- G. Gasketing Materials:
 1. Screwed-on weatherstrip and sweeps. Closed cell neoprene or polyprene.
 2. Panic type thresholds. Neoprene.
- H. Available Manufacturers:
 1. Hager Companies (HAG).
 2. National Guard Products (NGP).
 3. Pemko Manufacturing Co. (PEM).
 4. Reese Enterprises (RE).
 5. Zero International (ZER).

2.20 THRESHOLDS

- A. Standard: BHMA A156.21
- B. Accessibility Requirements: Where thresholds are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."
 - 1. Bevel raised thresholds with a slope of not more than 1:2. Provide thresholds not more than 1/2 inch (13 mm) high.
- C. Thresholds for Means of Egress Doors: Comply with NFPA 101. Maximum 1/2 inch (13 mm) high.
- D. Fasteners: 1/4-20 machine screws and expansion anchors.
- E. Gasketing material: At panic-type thresholds: neoprene.
- F. Available Manufacturers (provided they provide items with neoprene inserts):
 - 1. Hager Companies (HAG).
 - 2. National Guard Products (NGP).
 - 3. Pemko Manufacturing Co. (PEM).
 - 4. Reese Enterprises (REE).
 - 5. Zero International (ZRO).

2.21 MISCELLANEOUS DOOR HARDWARE

- A. All features identical to those of items listed by model number in the hardware sets.

2.22 FABRICATION

- A. Manufacturer's Nameplate: Do not provide products that have manufacturer's name or trade name displayed in a visible location except in conjunction with required fire-rated labels and as otherwise approved by Architect.
 - 1. Manufacturer's identification is permitted on rim of lock cylinders only.
- B. Base Metals: Produce door hardware units of base metal, fabricated by forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18. Do not furnish manufacturer's standard materials or forming methods if different from specified standard.
- C. Fasteners: Manufacturer's standard, except as noted in product sections of this specification.

2.23 FINISHES

- A. **Important Note: For most items the Assa Abloy black suede powdercoat (BSP) finish has been specified so as to achieve uniformity of a particular satin black look. While other manufacturers are listed above as equals they may only be furnished if their satin black appearances are all uniform across all hardware items. This is to be verified via approval of submitted samples of each type of item prior to approval of the hardware submittal.**

- B. Standard: BHMA A156.18, as indicated in door hardware sets.
- C. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- D. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION PRIOR TO INSTALLATION OF DOORS AND HARDWARE

- A. Prior to installing doors, examine frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance. Verify frames are plumb, level, square and dimensioned properly for the installation of doors.
- B. Prior to installing hardware other than hanging means, examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction and other conditions affecting performance.
- C. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Steel Doors and Frames: Comply with DHI A115 Series.
 - 1. Surface-Applied Door Hardware: Drill and tap doors and frames according to ANSI A250.6.
- B. Wood Doors: Comply with DHI A115-W Series.

3.3 INSTALLATION

- A. Low-energy Automatic Door Operators:
 - 1. **Installer is to have current AAADM certification to install automatic door operators and actuating systems.**
- B. Mounting Heights: Mount door hardware units at heights indicated as follows unless otherwise indicated or required to comply with governing regulations.
 - 1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."

2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
3. Pulls: locate pulls as directed by Architect.
4. Push Plates: Top edge of plate: 53"AFF.
5. Pull Plates: Top edge of plate: 50" AFF. Centerline of Grip: 40" AFF.
6. Key Cylinders for Auxiliary Deadbolts: 48" AFF.

C. Mounting Locations:

1. Floor Stops and Holders: Locate at least 20" out from hinge edge of door for maximum degree of opening before door encounters obstruction.
2. Wall Stops: Locate so that lockset spindle and wall stop share horizontal and vertical centerlines.
3. Wall Stop/holders: Locate 4" down and in from top lock-edge corner of door w/holder slot at bottom of unit.
4. **Closers and Overhead Stop/holders: Template and mount closers and overhead stops for maximum degree of opening before door encounters obstruction or so as to interface with specified wall stops and holders. When used with closers, template and locate overhead stops so that closer arm does not fully extend and bottom out. These functionality requirements override any degree of opening information in the specifications or submittals.**

D. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 09 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.

1. Set units level, plumb, and true to line and location. Hardware designed for mortised installation shall be mortised in flush with adjoining surfaces. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.

E. **Weatherstrip and Gasketing with Metal Retainers: Fit up as needed for neat appearance with no gaps between retainers or bulbs. Mitre cut weatherstrip for flush fitup in corners.**

F. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants." **Position for complete seal with bottom of doors with no penetration of air or daylight.**

3.4 FIELD QUALITY CONTROL

A. **Provide Door Hardware Inspection Services and Field Quality Report as indicated below.**

B. Door Hardware Inspection Services

1. Scope
 - a. Inspection of all swinging doors and door hardware immediately following substantial completion of all hardware in entire project.
 - b. Inspector to furnish a Field Inspection Report, itemized per each individual opening, to the Architect within 7 days of the inspection, including:
 - 1) deficiencies in workmanship and standard industry practices,
 - 2) use of allowable products,

- 3) use of manufacturer recommended fasteners,
 - 4) compliance with the ADA,
 - 5) proper door/frame/hardware clearances,
 - 6) problems related to function, security, aesthetics or maintenance.
2. Inspector Qualifications
 - 1) Certified by the Door and Hardware Institute as an Architectural Hardware Consultant (AHC).
 - 2) Full member in good standing of Specification Consultants in Independent Practice (SCIP).
 - 3) Entirely independent of the supply side of the project, having no familial, financial, or competitive relationship with any manufacturer, manufacturer's representative, distributor, installer or supplier used on this project.
 - 4) Engaged full-time (40 hrs per week minimum) in the writing of hardware specifications and field inspections.
 3. Re-inspections
 - a. Re-inspections are required until all items listed in the substantial completion field inspection report are approved by the Inspector as corrected.
 4. Fees and Payment:
 - a. Payment for the inspection at substantial completion shall be by the Architect at the fee of \$10.00 per door for 1163 doors totaling \$11,163.00.
 - b. Re-inspections by the Inspector are to be paid by the Contractor shall be at the rate of \$500.00 per visit plus \$12.00 per door to be inspected.
 - c. Payment directly to the Inspector is to be made within 30 days of receipt of invoice.
 5. All inspections are to be performed by the same Inspector, that being the one selected by the Architect.

3.5 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
- B. Overhead Stops/ HOLDERS: Set adjustable stops for maximum degree of opening before door encounters obstruction. Adjust friction to control door.
- C. Door Closers:
 1. Unless otherwise required by authorities having jurisdiction, adjust sweep period so that, from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches (75 mm) from the latch, measured to the leading edge of the door.
 2. Adjust latch period so that door does not slam nor injure fingers.
 3. Adjust spring power for minimum force required so that door properly latches.
 4. Adjust backcheck to slow door down before hitting stop point so as to prevent damage to closer, arm, door, frame, and fasteners.
- D. Occupancy Adjustment: Approximately six months after date of Substantial Completion, Installer shall examine and readjust, including adjusting operating forces, each item of door hardware as necessary to ensure function of doors, door hardware, and electrified door hardware.

3.6 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation.

- B. Clean operating items as necessary to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure that door hardware is without damage or deterioration at time of Substantial Completion.

3.7 DOOR HARDWARE SETS (on following page, followed by door-to-set numbering index)

Hardware Set Prefix Key:

A Automatic Door Operator(s)

C Card Reader

E Electrified Exit Device(s)

H For Doors with Magnetic Hold-Opens

K Doors with Mechanical Key Override

L Electrified Lock(s)

M Magnetic Holder

No lettered prefix indicates no electrified door hardware. Most of the doors on this project have electrified door hardware.

Hardware Set A01

Mechanical Hardware

(4) Butt Hinges	TA3386 x 5 x 4.5	BSP	MCK
(1) Push Plate	73C x RC	BSP	ROC
(1) Pull Plate	105 x 70C x RC	BSP	ROC
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Mop Plate	K1062 4 x 1LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1) Automatic Door Operator	SW200i	BSP	BEA
(2) Operator Actuator	S-i36NAR-3	BSP	WIK

System Function:

Free egress and ingress. Both actuators are enabled to open door; door closes after time delay.

Hardware Set A02

Mechanical Hardware

(2) Bottom Pivot	195 (Less top pivot)	BSP	RIX
(4) Intermediate Pivot	M19	BSP	RIX
(2) Top Pivot	H180	BSP	RIX
(2) Offset Pull, 1-1/2"D Full Height	RM3312 x Special x Type 1HXD Mtg	BSP	ROC
Note: Pulls are to have an over-all length of door height less 14" with standoffs as required for proper support.			
(2) Push Bar, 1-1/2"D, 33" long	RM3122 x Type 1XHD Mtg		
(1) Closer, w/Spring Stop	4040XP SCUSH x 4040-30 x 4040-61	BSP	LCN

Note: Jamb and meeting edge seals by aluminum door supplier.

Electrified Hardware

(1) Automatic Door Operator	SW200i (RHRB)	BSP	BEA
Note: Provide operator in a full-width housing.			
(2) Operator Actuator	S-i36NAR-3	BSP	WIK
(1) Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.			

System Function:

Free egress and ingress. Both actuators are enabled to open door; door closes after time delay.

Hardware Set A02A

Mechanical Hardware

- | | | | | |
|---|----------------------------------|----------------------------------|-----|-----|
| (2) | Bottom Pivot | 195 (Less top pivot) | BSP | RIX |
| (4) | Intermediate Pivot | M19 | BSP | RIX |
| (2) | Top Pivot | H180 | BSP | RIX |
| (2) | Offset Pull, 1-1/2"D Full Height | RM3312 x Special x Type 1HXD Mtg | BSP | ROC |
| Note: Pulls are to have an over-all length of door height less 14" with standoffs as required for proper support. | | | | |
| (2) | Push Bar, 1-1/2"D, 33" long | RM3122 x Type 1XHD Mtg | | |
| (1) | Closer, w/Spring Stop | 4040XP SCUSH x 4040-30 x 4040-61 | BSP | LCN |

Note: Jamb and meeting edge seals by aluminum door supplier.

Electrified Hardware

- | | | | | |
|--|---|---------------|-----|-----|
| (1) | Automatic Door Operator | SW200i (RHRB) | BSP | BEA |
| Note: Provide operator in a full-width housing. | | | | |
| (1) | Bollard Post A | | BSP | WIK |
| Note: In-ground mount, 6" x 6", factory prepped for actuator with welded flat top. Locate Vestibule 100F as directed by Architect. | | | | |
| (1) | Bollard Post B | | BSP | WIK |
| Note: In-ground mount, 6" x 6", factory prepped for actuator with welded flat top. Locate in Collab 161 as directed by Architect. | | | | |
| (2) | Operator Actuator | S-i36NAR-3 | BSP | WIK |
| Note: Locate one on each bollard post. | | | | |
| (1) | Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal. | | | |

System Function:

Free egress and ingress. Both actuators are enabled to open door; door closes after time delay.

Hardware Set A02B

Mechanical Hardware

- | | | | | |
|---|----------------------------------|----------------------------------|-----|-----|
| (2) | Bottom Pivot | 195 (Less top pivot) | BSP | RIX |
| (4) | Intermediate Pivot | M19 | BSP | RIX |
| (2) | Top Pivot | H180 | BSP | RIX |
| (2) | Offset Pull, 1-1/2"D Full Height | RM3312 x Special x Type 1HXD Mtg | BSP | ROC |
| Note: Pulls are to have an over-all length of door height less 14" with standoffs as required for proper support. | | | | |
| (2) | Push Bar, 1-1/2"D, 33" long | RM3122 x Type 1XHD Mtg | | |
| (1) | Closer, w/Spring Stop | 4040XP SCUSH x 4040-30 x 4040-61 | BSP | LCN |

Note: Jamb and meeting edge seals by aluminum door supplier.

Electrified Hardware

- | | | | | |
|---|---|---------------|-----|-----|
| (1) | Automatic Door Operator | SW200i (RHRB) | BSP | BEA |
| Note: Provide operator in a full-width housing. | | | | |
| (1) | Operator Actuator | S-i36NAR-3 | BSP | WIK |
| (1) | Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal. | | | |

System Function:

Free egress and ingress. Actuator located on wall in Vestibule 100B is enabled to open door; door closes after time delay.

Hardware Set A02C

Mechanical Hardware

- | | | | | |
|---|----------------------------------|----------------------------------|-----|-----|
| (2) | Bottom Pivot | 195 (Less top pivot) | BSP | RIX |
| (4) | Intermediate Pivot | M19 | BSP | RIX |
| (2) | Top Pivot | H180 | BSP | RIX |
| (2) | Offset Pull, 1-1/2"D Full Height | RM3312 x Special x Type 1HXD Mtg | BSP | ROC |
| Note: Pulls are to have an over-all length of door height less 14" with standoffs as required for proper support. | | | | |
| (2) | Push Bar, 1-1/2"D, 33" long | RM3122 x Type 1XHD Mtg | | |
| (1) | Closer, w/Spring Stop | 4040XP SCUSH x 4040-30 x 4040-61 | BSP | LCN |

Note: Jamb and meeting edge seals by aluminum door supplier.

Electrified Hardware

- | | | | | |
|--|---|---------------|-----|-----|
| (1) | Automatic Door Operator | SW200i (LHRB) | BSP | BEA |
| Note: Provide operator in a full-width housing. | | | | |
| (1) | Operator Actuator | S-i36NAR-3 | BSP | WIK |
| Note: Locate actuator on column at push side of LHRB door leaf at 36". | | | | |
| (1) | Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal. | | | |

System Function:

Free egress and ingress. Actuator located on column in Lobby 100C is enabled to open door; door closes after time delay.

Hardware Set A02D

Mechanical Hardware

- | | | | | |
|---|----------------------------------|----------------------------------|-----|-----|
| (2) | Bottom Pivot | 195 (Less top pivot) | BSP | RIX |
| (4) | Intermediate Pivot | M19 | BSP | RIX |
| (2) | Top Pivot | H180 | BSP | RIX |
| (2) | Offset Pull, 1-1/2"D Full Height | RM3312 x Special x Type 1HXD Mtg | BSP | ROC |
| Note: Pulls are to have an over-all length of door height less 14" with standoffs as required for proper support. | | | | |
| (1) | Closer, w/Spring Stop | 4040XP SCUSH x 4040-30 x 4040-61 | BSP | LCN |

Note 1: ADA saddle threshold, jamb and meeting edge and door bottom seals by aluminum door supplier.

Electrified Hardware

- | | | | | |
|--|---|-----------------|-----|-----|
| (2) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (2) | NS Panic Device, CVC, 01 | RX-QEL-3339A-EO | 622 | VON |
| (1) | Automatic Door Operator | SW200i (LHRB) | BSP | BEA |
| Note: Provide operator in a full-width housing. | | | | |
| (1) | Operator Actuator | S-i36NAR-3 | BSP | WIK |
| Note: Locate actuator on storefront at push side of LHRB door leaf at 36". | | | | |
| (2) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | | FLR |
| This part number comes with a black anodized aluminum plate. | | | | |
| (1) | Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal. | | | |

System Function:

Free egress. Door can be left in unlocked condition through access control system. Door is monitored for exit device touchbar REX, latch position, and door position.

Locked Condition:

Free egress. No ingress. Interior actuator is enabled to retract latch on panic device and open door; door closes and relocks after time delay.

Unlocked Condition:

Interior actuator is enabled to open door; door closes after time delay.

Hardware Set A03

Mechanical Hardware

(2)	Bottom Pivot	195 (Less top pivot)	BSP	RIX
(4)	Intermediate Pivot	M19	BSP	RIX
(2)	Top Pivot	H180	BSP	RIX
(2)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(2)	Push Bar, 1-1/2"D, 33" long	RM3122 x Type 1XHD Mtg		
(2)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(2)	Automatic Door Operator	SW200i	BSP	BEA
Note: Set up operator for high energy operation. Provide safety sensors as required.				
(2)	Operator Actuator	S-i36NAR-3	BSP	WIK
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.			

System Function:

Free egress and ingress. Pressing either actuator signals operator to open doors. Doors close after time delay.

Hardware Set AC01

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Auto Flush Bolt Set, HM	2842	BSP	ROC
(2)	Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM
(2)	Surface Sound Sweep	SSDB3	DDB	DHS

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock, ELR	RX-LX-56-8204-LNP	BSP	SAR
Note: Electric lock is fail secure with electric latch retraction and on board monitoring of request to exit, latch-bolt monitoring. Do not prep door for cylinder.				
(2)	Automatic Door Operator	SW200i	BSP	BEA
Note: Provide operator in a full-width housing.				
(1)	Actuator, Sng-gng	S-SG-3-WR	630	WIK
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.			

System Function:

Free egress. Ingress by key or card. Card both unlocks doors and signals operator to open the doors. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set ACE01

Mechanical Hardware

(1) SFIC Rim Cylinder Housing		BSP	SAR
(1) Permanent Key Cylinder Core		622	BES
(1) Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(2) Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(1) Cat H Astragal Set	351	BSP	PEM
(1) Cat H Jamb Seal Set	303_PK	BSP	PEM
(2) Surface Sound Sweep	SSDB3	DDB	DHS

Electrified Hardware

(2) Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(2) Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1) Panic Device, CVC, 01	RX-QEL-9950-EO-LBL	622	VON
(1) Panic Device, CVC, 03	RX-QEL-9950-L-LBL x 996L-R/V-06	622	VON
(2) Automatic Door Operator	SW200i	BSP	BEA
Note: Provide operator in a full-width housing.			
(1) Actuator, Sng-gng	S-SG-3-WR	630	WIK
(2) Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.			
(1) Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)			
(1) Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.			

System Function:

Free egress. Ingress by key or card. Card both unlocks doors and signals operator to open the doors. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set ACE01A

Mechanical Hardware

(1) SFIC Rim Cylinder Housing		BSP	SAR
(1) Permanent Key Cylinder Core		622	BES
(1) Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(2) Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(2) Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(2) Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(2) Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1) Panic Device, CVC, 01	RX-QEL-9950-EO-LBL	622	VON
(1) Panic Device, CVC, 03	RX-QEL-9950-L-LBL x 996L-R/V-06	622	VON
(2) Automatic Door Operator	SW200i	BSP	BEA
Note: Provide operator in a full-width housing.			
(1) Actuator, Sng-gng	S-SG-3-WR	630	WIK
(2) Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.			
(1) Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)			
(1) Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.			

System Function:

Free egress. Ingress by key or card. Card both unlocks doors and signals operator to open the doors. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set ACEK01

Mechanical Hardware

(2)	Bottom Pivot	195 (Less top pivot)	BSP	RIX
(4)	Intermediate Pivot	M19	BSP	RIX
(2)	Top Pivot	H180	BSP	RIX
(1)	SFIC Rim Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Offset Pull, 1-1/2"D Full Height	RM3312 x Special x Type 1HxD Mtg	BSP	ROC
Note: Pulls are to have an over-all length of door height less 14" with standoffs as required for proper support.				
(1)	Closer, w/Spring Stop	351-CPS x 581-2 x 125-V	BSP	SAR

Note 1: ADA saddle threshold, jamb and meeting edge and door bottom seals by aluminum door supplier.

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	NS Panic Device, CVC, 01	RX-QEL-3349A-EO	622	VON
(1)	NS Panic Device, CVC, 03	RX-QEL-3349A-NL-OP	622	VON
(1)	Automatic Door Operator	SW200i (RHRB)	BSP	BEA
Note: Provide operator in a full-width housing.				
(1)	Bollard Post		BSP	WIK
Note: In-ground mount, 6" x 6", factory prepped for card reader and actuator with welded top sloped down away from card reader. Locate exterior as directed by Architect.				
(1)	Operator Actuator	S-i36NAR-3	BSP	WIK
Note: Locate on exterior bollard post.				
(1)	Operator Actuator	S-i36NAR-3R	BSP	WIK
Note: Locate on interior wall as directed by Architect.				
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.			

System Function:

Free egress. Door can be left in unlocked condition through access control system. Door is monitored for exit device touchbar REX, latch position, and door position.

Locked Condition:

Exterior actuator is disabled. Interior actuator is enabled to retract latch on panic device and open door; door closes and relocks after time delay. Valid card unlocks door; door relocks after time delay; during unlock period exterior actuator is enabled to open door; door closes and relocks after time delay. Mechanical ingress by key.

Unlocked Condition:

Both actuators are enabled to open door; door closes after time delay.

Hardware Set ACEK01A

Mechanical Hardware

(2)	Bottom Pivot	195 (Less top pivot)	BSP	RIX
(4)	Intermediate Pivot	M19	BSP	RIX
(2)	Top Pivot	H180	BSP	RIX
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Offset Pull, 1-1/2"D Full Height	RM3312 x Special x Type 1HXD Mtg	BSP	ROC
Note: Pulls are to have an over-all length of door height less 14" with standoffs as required for proper support.				
(1)	Closer, w/Spring Stop	351-CPS x 581-2 x 125-V	BSP	SAR

Note 1: ADA saddle threshold, jamb and meeting edge and door bottom seals by aluminum door supplier.

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	NS Panic Device, CVC, 01	RX-QEL-3349A-EO	622	VON
(1)	NS Panic Device, CVC, 03	RX-QEL-3349A-NL-OP	622	VON
(1)	Automatic Door Operator	SW200i (RHRB)	BSP	BEA
Note: Provide operator in a full-width housing.				
(1)	Bollard Post A		630	WIK
Note: In-ground mount, 6" x 6", factory prepped for card reader and actuator with welded top sloped down away from card reader. Locate exterior as directed by Architect.				
(1)	Bollard Post B		630	WIK
Note: In-ground mount, 6" x 6", factory prepped for actuator with welded flat top. Locate inside Vestibule 100F as directed by Architect.				
(1)	Operator Actuator	S-i36NAR-3	BSP	WIK
Note: Locate on exterior bollard post.				
(1)	Operator Actuator	S-i36NAR-3R	BSP	WIK
Note: Locate on interior bollard post.				
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.			

System Function:

Free egress. Door can be left in unlocked condition through access control system. Door is monitored for exit device touchbar REX, latch position, and door position.

Locked Condition:

Exterior actuator is disabled. Interior actuator is enabled to retract latch on panic device and open door; door closes and relocks after time delay. Valid card unlocks door; door relocks after time delay; during unlock period exterior actuator is enabled to open door; door closes and relocks after time delay. Mechanical ingress by key.

Unlocked Condition:

Both actuators are enabled to open door; door closes after time delay.

Hardware Set ACEK01B

Mechanical Hardware

(2)	Bottom Pivot	195 (Less top pivot)	BSP	RIX
(4)	Intermediate Pivot	M19	BSP	RIX
(2)	Top Pivot	H180	BSP	RIX
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Offset Pull, 1-1/2"D Full Height	RM3312 x Special x Type 1HXD Mtg	BSP	ROC
Note: Pulls are to have an over-all length of door height less 14" with standoffs as required for proper support.				
(1)	Closer, w/Spring Stop	351-CPS x 581-2 x 125-V	BSP	SAR

Note 1: ADA saddle threshold, jamb and meeting edge and door bottom seals by aluminum door supplier.

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	NS Panic Device, CVC, 01	RX-QEL-3349A-EO	622	VON
(1)	NS Panic Device, CVC, 03	RX-QEL-3349A-NL-OP	622	VON
(1)	Automatic Door Operator	SW200i (RHRB)	BSP	BEA
Note: Provide operator in a full-width housing.				
(1)	Bollard Post		BSP	WIK
Note: In-ground mount, 6" x 6", factory prepped for card reader and actuator with welded top sloped down away from card reader. Locate exterior as directed by Architect.				
(1)	Operator Actuator	S-i36NAR-3	BSP	WIK
Note: Locate on exterior bollard post.				
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.			

System Function:

Free egress. Door can be left in unlocked condition through access control system. Door is monitored for exit device touchbar REX, latch position, and door position.

Locked Condition:

Exterior actuator is disabled. Valid card unlocks door; door relocks after time delay; during unlock period exterior actuator is enabled to open door; door closes and relocks after time delay. Mechanical ingress by key.

Unlocked Condition:

Actuator is enabled to open door; door closes after time delay.

Hardware Set ACEK02

Mechanical Hardware

(1)	SFIC Rim Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Fire Rated Armor Plate	KA050 34 x 1LDW x UL x CS x B4E	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Electrified Hardware

(2)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Fire Exit Device, CVC, 03	RX-QEL-9950-L x 996L-R/V-06	622	VON
(1)	Fire Exit Device, CVC, 01	RX-QEL-9950-EO	622	VON
(2)	Automatic Door Operator	SW200i	BSP	BEA
Note: Provide operator in a full-width housing.				
(1)	Actuator, Sng-gng	S-SG-3-WR	630	WIK
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR

This part number comes with a black anodized aluminum plate.

- (1) Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.

System Function:

Free egress. Ingress by key or card. Card both unlocks doors and signals operator to open the doors. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set ACEK03

Mechanical Hardware

(2)	Bottom Pivot	195 (Less top pivot)	BSP	RIX
(4)	Intermediate Pivot	M19	BSP	RIX
(2)	Top Pivot	H180	BSP	RIX
(1)	SFIC Rim Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM
(1)	Panic Threshold	274X224 x RCE	BSP	PEM

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, CVC, 01	RX-QEL-9949-EO	622	VON
(1)	Panic Device, CVC, 03	RX-QEL-9949- NL-OP	622	VON
(2)	Automatic Door Operator	SW200i	BSP	BEA

Note: Set up operator for high energy operation. Provide safety sensors as required. Interface operators' On/Off/HO switch so that even if the door is being held open it closes upon security signal.

(2)	Operator Actuator	S-i36NAR-3	BSP	WIK
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR

This part number comes with a black anodized aluminum plate.

- (1) Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.

System Function:

Free egress. Ingress by key or card. Presenting card retracts exit device latchbolts and enables exterior actuator. Pressing exterior actuator signals operator to open doors. Doors close and relock after time delay. Pressing interior actuator retracts exit device latchbolts and signals operator to open doors. Doors close and relock after time delay. Doors are monitored for exit device touchbar REX, latch position, and door position. Regardless of state of operators' On/Off/HO switch, even if the door is being held open it closes upon security signal.

Hardware Set C01

Set not used.

Hardware Set C01A

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01B

Mechanical Hardware

- | | | | | |
|-----|-------------------|---------------------------|-----|-----|
| (4) | Butt Hinges | TA714 4.5 X 4.0 | BSP | MCK |
| (1) | Kick Plate | K1062 8 x 2LDW x CS x B4E | BSP | ROC |
| (1) | Wall Stop, Convex | 400 | BSP | ROC |

Electrified Hardware

- | | | | | |
|-----|-----------------------------|----------------------|-----|-----|
| (1) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) | Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |
- Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.
- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01C

Mechanical Hardware

- | | | | | |
|-----|------------------------------|---------------------------|-------|-----|
| (1) | Closer, w/Spring Stop | 351-CPS | BSP | SAR |
| (1) | Kick Plate | K1062 8 x 2LDW x CS x B4E | BSP | ROC |
| (1) | Overhead Rain Drip | 346 | BSP | PEM |
| (1) | Cat H Adhesive Jamb Seal Set | PK33 | Black | PEM |
- Note: Apply to top jamb only.
- | | | | | |
|-----|---------------------|--------|-----|-----|
| (1) | Cat H Jamb Seal Set | 303_PK | BSP | PEM |
|-----|---------------------|--------|-----|-----|
- Note: Apply to side jambs only.
- | | | | | |
|-----|-----------------|---------------|-----|-----|
| (1) | Panic Threshold | 274X224 x RCE | BSP | PEM |
|-----|-----------------|---------------|-----|-----|

Electrified Hardware

- | | | | | |
|-----|-----------------------------|----------------------|-----|-----|
| (1) | Continuous Hinge | BSPFM_HD1 x EPT Prep | BSP | PEM |
| (1) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) | Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |
- Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.
- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free ingress to AHU 026B. Egress to Areaway XD100 by card. Presenting valid card unlocks lock for egress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01D

Mechanical Hardware

- | | | | | |
|--|-------------------------|---------------------------|-----|-----|
| (4) | Butt Hinges | TA714 4.5 X 4.0 | BSP | MCK |
| (1) | Closer, HD Parallel Arm | 351-P10 | BSP | SAR |
| Note: Mount closer for 180 degree swing. | | | | |
| (1) | Kick Plate | K1062 8 x 2LDW x CS x B4E | BSP | ROC |
| (1) | Wall Stop, Convex | 400 | BSP | ROC |

Electrified Hardware

- | | | | | |
|-----|-----------------------------|----------------------|-----|-----|
| (1) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) | Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |
- Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.
- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01E

Mechanical Hardware

- | | | | | |
|-----|-------------------------|---------------------------|-----|-----|
| (4) | Butt Hinges | TA714 4.5 X 4.0 | BSP | MCK |
| (1) | Closer, HD Parallel Arm | 351-P10 | BSP | SAR |
| (1) | Kick Plate | K1062 8 x 2LDW x CS x B4E | BSP | ROC |
| (1) | Extended Wall Stop | 456-RKW | BSP | ROC |

Note: Locate on wall approx. 6" down and in from top lock corner of door as far out from hinge as possible.

Electrified Hardware

- | | | | | |
|-----|-----------------------------|----------------------|-----|-----|
| (1) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) | Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |
- Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.
- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01F

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, w/Spring Stop	351-PS	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

(1) Lot: Card Reader, control electronics, low voltage power (see security specifications)

(1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01G

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

(1) Lot: Card Reader, control electronics, low voltage power (see security specifications)

(1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01H

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 16 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM
(1)	Surface Sound Sweep	SSDB3	DDB	DHS

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

(1) Lot: Card Reader, control electronics, low voltage power (see security specifications)

(1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01J

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, w/Spring Stop	351-PS	BSP	SAR
(1)	Kick Plate	K1062 16 x 2LDW x CS x B4E	BSP	ROC
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM
(1)	Surface Sound Sweep	SSDB3	DDB	DHS

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01K

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01L

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(2)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Overlapping Astragal	375	BSP	PEM
Note: Mount on push side of inactive door leaf.				
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR
Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.				
(1)	Lot: Card Reader, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01M

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, Regular Arm	351-O	BSP	SAR
Note: Provide special templating so as not to conflict with overhead stop.				
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Overhead Stop, HD, Concealed	OH100	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR
Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.				
(1)	Lot: Card Reader (jamb mount), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01N

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(2)	SFIC Mortise Cylinder Housing		BSP	SAR
(2)	Permanent Key Cylinder Core		622	BES
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Overhead Stop, HD, Concealed	OH100	BSP	ROC
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Overlapping Astragal	375	BSP	PEM

Note: Mount on push side of inactive door leaf.

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX--8272-LNP	BSP	SAR
Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.				
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: (2) Card Readers, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Door is not a required exit. Egress and ingress by key or card. Presenting valid card unlocks lock. Door relocks after time delay. Door is monitored for door position and latch position.

Hardware Set C01P

Mechanical Hardware

(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Armor Plate	K1062 34 x 2LDW x CS x B4E	BSP	ROC
(1)	Edge Guard	306B x Full Height	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR
Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.				
(1)	Lot: Card Reader, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01Q

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Closer, w/Stop	351-PS	BSP	SAR
(1)	Closer Mounting Bracket	7ASL	MBL	NGP
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Cat H Jamb Seal Set	285R	BSP	PEM
(1)	Surface Sound Sweep	SSDB3	DDB	DHS

Note 1: Do not cut top jamb sound seal for closer arm bracket. Lower the closer on the door and mount closer arm bracket to 7ASL closer mounting bracket.

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01R

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Closer, Regular Arm	351-O	BSP	SAR
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Overlapping Astragal	375	BSP	PEM
	Note: Mount on push side of inactive door leaf.			
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Overhead Stop, HD, Concealed	OH100	BSP	ROC

Note: Mount on RHRA door leaf.

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-RX-NAC-82273-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01S

Mechanical Hardware

- | | | | |
|-----------------------|-----------------|-----|-----|
| (4) Butt Hinges | TA714 4.5 X 4.0 | BSP | MCK |
| (1) Wall Stop, Convex | 400 | BSP | ROC |

Electrified Hardware

- | | | | |
|---------------------------------|----------------------|-----|-----|
| (1) Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader (jamb mount), control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01T

Set not used.

Hardware Set C01U

Set not used.

Hardware Set C01V

Set not used.

Hardware Set C01W

Mechanical Hardware

- | | | | |
|---------------------------|---------------------------|-----|-----|
| (8) Butt Hinges | TA714 4.5 X 4.0 | BSP | MCK |
| (1) Manual Flush Bolt | 555-12 | BSP | ROC |
| (1) Manual Flush Bolt | 555-24 (top) | BSP | ROC |
| (1) Closer, w/Spring Stop | 351-CPS | BSP | SAR |
| (2) Kick Plate | K1062 8 x 1LDW x CS x B4E | BSP | ROC |
| (1) Wall Stop, Convex | 400 | BSP | ROC |

Electrified Hardware

- | | | | |
|---------------------------------|----------------------|-----|-----|
| (1) Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01X

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Overhead Stop, HD, Surface	OH900	BSP	ROC

Electrified Hardware

- | | | | | |
|-----|-----------------------------|----------------------|-----|-----|
| (1) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) | Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |
- Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.
- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock at doors 300A2-A and 300A2-B for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01Y

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Overhead Stop, HD, Surface	OH900	BSP	ROC

Electrified Hardware

- | | | | | |
|-----|-----------------------------|----------------------|-----|-----|
| (1) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) | Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |
- Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.
- (1) Lot: Control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock at doors 300A2-A and 300A2-B for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01Z

Mechanical Hardware

- | | | | |
|---------------------------|---------------|-----|-----|
| (1) Closer, w/Spring Stop | 351-CPS | BSP | SAR |
| (1) Panic Threshold | 274X224 x RCE | BSP | PEM |

Note 1: Jamb seals by aluminum door supplier.

Electrified Hardware

- | | | | |
|---------------------------------|--------------------------|-----|-----|
| (1) Continuous Hinge | BSPFM_SLF-HD1 x EPT Prep | BSP | PEM |
| (1) Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free ingress to Wellness 311. Egress to Patio by card. Presenting valid card unlocks lock for egress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AA

Mechanical Hardware

- | | | | |
|-----------------------------|---------------------------|-----|-----|
| (4) Butt Hinges | TA714 4.5 X 4.0 | BSP | MCK |
| (1) Closer, HD Parallel Arm | 351-P10 | BSP | SAR |
| (1) Closer Mounting Bracket | 7ASL | MBL | NGP |
| (1) Kick Plate | K1062 8 x 2LDW x CS x B4E | BSP | ROC |
| (1) Wall Stop, Convex | 400 | BSP | ROC |
| (1) Cat H Jamb Seal Set | 285R | BSP | PEM |
| (1) Surface Sound Sweep | SSDB3 | DDB | DHS |

Note 1: Do not cut top jamb sound seal for closer arm bracket. Lower the closer on the door and mount closer arm bracket to 7ASL closer mounting bracket.

Electrified Hardware

- | | | | |
|---------------------------------|----------------------|-----|-----|
| (1) Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AB

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Closer Mounting Bracket	7ASL	MBL	NGP
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Overlapping Astragal	375	BSP	PEM
Note: Mount on push side of inactive door leaf.				
(1)	Cat H Jamb Seal Set	285R	BSP	PEM
(2)	Surface Sound Sweep	SSDB3	DDB	DHS

Note 1: Do not cut top jamb sound seal for closer arm bracket. Lower the closer on the door and mount closer arm bracket to 7ASL closer mounting bracket.

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AC

Set not used.

Hardware Set C01AD

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Closer Mounting Bracket	7ASL	MBL	NGP
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC
(1)	Overlapping Astragal	375	BSP	PEM
Note: Mount on push side of inactive door leaf.				
(1)	Cat H Jamb Seal Set	285R	BSP	PEM
(2)	Surface Sound Sweep	SSDB3	DDB	DHS

Note 1: Do not cut top jamb sound seal for closer arm bracket. Lower the closer on the door and mount closer arm bracket to 7ASL closer mounting bracket.

Electrified Hardware

- | | | | | |
|-----|-----------------------------|----------------------|-----|-----|
| (1) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) | Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |
- Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.
- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AE

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Overhead Stop, HD, Surface	OH900	BSP	ROC

Electrified Hardware

- | | | | | |
|-----|-----------------------------|----------------------|-----|-----|
| (1) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) | Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |
- Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.
- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock at doors 418A-A and 418A-B for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AF

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Overhead Stop, HD, Surface	OH900	BSP	ROC

Electrified Hardware

- | | | | | |
|-----|-----------------------------|----------------------|-----|-----|
| (1) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) | Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |
- Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.
- (1) Lot: Control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock at doors 418A-A and 418A-B for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AG

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(2)	Overhead Stop, HD, Concealed	OH100	BSP	ROC

Electrified Hardware

- | | | | | |
|-----|-----------------------------|----------------------|-----|-----|
| (1) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) | Electric Mortise Lock | LX-IDP-NAC-82275-LNP | BSP | SAR |
- Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.
- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AH

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Kick Plate	K1062 16 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM
(1)	Surface Sound Sweep	SSDB3	DDB	DHS

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AJ

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AK

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Jamb Seal Set	285R	BSP	PEM
(1)	Surface Sound Sweep	SSDB3	DDB	DHS

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader (jamb mount), control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AL

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AM

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(2)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AN

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, Regular Arm	351-O	BSP	SAR

Note: Provide special templating so as not to conflict with overhead stop.

(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Overhead Stop, HD, Concealed	OH100	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader (jamb mount), control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AP

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Self Latching Flush Bolt	2949 x LL	BSP	ROC
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC

Note 1: Lead lined astragal by door supplier.

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP Lead Lined	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AQ

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Closer, w/Spring/Stop	351-PS x 581-2 x 125-V	BSP	SAR
(1)	Overhead Stop, HD, Concealed	OH100	BSP	ROC

Note 1: Jamb seals by aluminum door supplier.

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AR

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Closer, Regular Arm	DA-351-O	BSP	SAR

Note: Provide special templating so as not to conflict with overhead stop.

(1)	Overhead Stop, HD, Concealed	OH100	BSP	ROC
(2)	Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(2)	Edge Guard	306B x Full Height	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Note: For inactive leaf, applied to casework or door as needed.

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AS

Mechanical Hardware

(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Overhead Rain Drip	346	BSP	PEM
(1)	Cat H Adhesive Jamb Seal Set	PK33	Black	PEM

Note: Apply to top jamb only.

(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM
(1)	Panic Threshold	274X224 x RCE	BSP	PEM

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

This part number comes with a black anodized aluminum plate.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free ingress to Penthouse 832. Egress to Rooftop by card. Presenting valid card unlocks lock for egress. Door relocks after time delay. Door is monitored for request to exit, latch bolt, and door position.

Hardware Set C01AT

Mechanical Hardware

(1) Closer, w/Spring Stop	351-CPS	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Overhead Rain Drip	346	BSP	PEM
(1) Cat H Adhesive Jamb Seal Set Note: Apply to top jamb only.	PK33	Black	PEM
(1) Cat H Jamb Seal Set Note: Apply to side jambs only.	303_PK	BSP	PEM
(1) Panic Threshold	274X224 x RCE	BSP	PEM

Electrified Hardware

(1) Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1) Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1) Electric Mortise Lock Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.	LX-IDP-NAC-82275-LNP	BSP	SAR
(1) Lot: Card Reader, control electronics, low voltage power (see security specifications)			
(1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free ingress to Custodial 814F. Egress to Rooftop by card. Presenting valid card unlocks lock for egress. Door re-locks after time delay. Door is monitored for request to exit, latch bolt, and door position.

Hardware Set C01AU

Set not used.

Hardware Set C01AV

Mechanical Hardware

(1) Continuous Hinge	BSPFM_HD1	BSP	PEM
(1) Manual Flush Bolt	3917-24 (top)	Black	TRI
(1) Manual Flush Bolt	3917-12	Black	TRI
(2) Closer, w/Spring Stop/HO	351-CPSH	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Overhead Rain Drip	346	BSP	PEM
(1) Cat H Adhesive Jamb Seal Set Note: Apply to top jamb only.	PK33	Black	PEM
(1) Cat H Jamb Seal Set Note: Apply to side jambs only.	303_PK	BSP	PEM
(1) Panic Threshold	274X224 x RCE	BSP	PEM

Electrified Hardware

(1) Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1) Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1) Electric Mortise Lock Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.	LX-IDP-NAC-82275-LNP	BSP	SAR
(1) Lot: Card Reader, control electronics, low voltage power (see security specifications)			
(1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free ingress to Penthouse 832. Egress to Rooftop by card. Presenting valid card unlocks lock for egress. Door re-locks after time delay. Door is monitored for request to exit, latch bolt, and door position.

Hardware Set C01AW

Set not used.

Hardware Set C01AX

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Closer Mounting Bracket	7ASL	MBL	NGP
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Extended Wall Stop	456-RKW	BSP	ROC
Note: Locate on wall approx. 6" down and in from top lock corner of door as far out from hinge as possible.				
(1)	Cat H Jamb Seal Set	285R	BSP	PEM
(1)	Surface Sound Sweep	SSDB3	DDB	DHS

Note 1: Do not cut top jamb sound seal for closer arm bracket. Lower the closer on the door and mount closer arm bracket to 7ASL closer mounting bracket.

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR
Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.				
(1)	Lot: Card Reader, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AY

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Closer, w/Spring Stop/HO	351-CPSH	BSP	SAR
(2)	Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(2)	Edge Guard	306B x Full Height	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR
Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.				
(1)	Lot: Card Reader, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AZ

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Closer, Regular Arm	351-O	BSP	SAR
(2)	Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(2)	Edge Guard	306B x Full Height	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Overhead Holder, HD, Surface	OH100H	BSP	ROC

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AAA

Mechanical Hardware

(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Armor Plate	KA050 34 x 2LDW x CS x B4E	BSP	ROC
(1)	Edge Guard	306B x Full Height	BSP	ROC
(1)	Overhead Holder, HD, Surface	OH100H	BSP	ROC

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AAB

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(2)	SFIC Mortise Cylinder Housing		BSP	SAR
(2)	Permanent Key Cylinder Core		622	BES
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Overhead Holder, HD, Concealed	OH100H	BSP	ROC
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Note: Mount wall stop on pull side face of door as needed.

(1)	Overlapping Astragal	375	BSP	PEM
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Note: Mount on push side of inactive door leaf.

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX--8272-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring.

(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
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This part number comes with a black anodized aluminum plate.

(1) Lot: (2) Card Readers, control electronics, low voltage power (see security specifications)

(1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Egress and ingress by key or card. Presenting valid card unlocks lock. Door relocks after time delay. Door is monitored for door position and latch position.

Hardware Set C01AAC

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Closer, Regular Arm	351-O	BSP	SAR
(2)	Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(2)	Edge Guard	306B x Full Height	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

(1) Lot: Card Reader, control electronics, low voltage power (see security specifications)

(1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Egress and ingress by key or card. Presenting valid card unlocks lock. Door relocks after time delay. Door is monitored for door position and latch position.

Hardware Set C01AAD

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-8273-LNP	BSP	SAR

Note: Electric lock is two-sided, fail secure with latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Door Contact, Mortised, DPDT 1020-34SWY-RAC FLR
This part number comes with a black anodized aluminum plate.
- (1) Lot: (2) Card Readers, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Door is not a required exit. Ingress and egress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for latch and door position.

Hardware Set C01AAE

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, Regular Arm	DA-351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Note 1: Adjust closer's delayed action feature as directed by Architect.

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AAF

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Closer, Regular Arm	351-O	BSP	SAR
Note: Provide special templating so as not to conflict with overhead stop.				
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Overhead Stop, HD, Concealed	OH100	BSP	ROC
(1)	Cat H Jamb Seal Set	285R	BSP	PEM
(1)	Surface Sound Sweep	SSDB3	DDB	DHS

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR
Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.				
(1)	Lot: Card Reader (jamb mount), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AAG

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Closer, Regular Arm	DA-351-O	BSP	SAR
Note: Provide special templating so as not to conflict with overhead stop.				
(2)	Overhead Stop, HD, Concealed	OH100	BSP	ROC
(2)	Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(2)	Edge Guard	306B x Full Height	BSP	ROC

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR
Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.				
(1)	Lot: Card Reader, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C01AAH

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Self Latching Flush Bolt	2949	BSP	ROC
(1)	Hospital Latch Set	28-115-P-WBS x 5"BS	BSP	SAR
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(2)	Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Wall Stop/Holder	494S	BSP	ROC

Note 1: Locate hospital latch at 45" AFF. Locate wall stop/holder 6" down and in from top lock corner of door.

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Strike	4100	630	TRN
(1)	Lot: Card Reader, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay.

Hardware Set C01AAJ

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Closer, Regular Arm	DA-351-O	BSP	SAR
(1)	Overhead Stop, HD, Concealed	OH100	BSP	ROC
(2)	Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(2)	Edge Guard	306B x Full Height	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82275-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set C02

Mechanical Hardware

(1)	Wire Partition Lockset	SF-1 x SB-4 x "Best Cylinder Less Core"	Wirecrafters
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Note 1: The Wire Partition Lockset and "Best Cylinder Less Core" are to be provided by wire partition supplier. Balance of hardware by wire mesh partition supplier.

Electrified Hardware

(1)	Electric Strike, Gate	EN400-BLK	Black	TRN
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by key or card. Presenting valid card unlocks lock for ingress. Door relocks after time delay.

Hardware Set C03

Mechanical Hardware

- | | | | |
|--|---------------------------|-----|-----|
| (1) Exit Latch | 8213LNP | BSP | SAR |
| (1) Straight Pull, 1-"D, 24"CTC | RM3300-24 x Type 15HD Mtg | BSP | ROC |
| (1) Lot: Hanging means, concealed closer w/90 degree integral stop, patch fitting for mortise lockset, strike rub plate: all by Glass Door Supplier, | | | |

Electrified Hardware

- | | | | |
|---|---------|-----|-----|
| (1) Electric Strike | MUNL-24 | BSP | SEC |
| (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications) | | | |
| (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal. | | | |

System Function:

Free egress by inside lever. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for latch status integral to electric strike in lieu of door position.

Hardware Set CE01

Mechanical Hardware

- | | | | |
|-------------------------------|---------------------------|-----|-----|
| (4) Butt Hinges | TA786 5.0 X 4.5 | BSP | MCK |
| (1) Offset Pull, 1-"D, 24"CTC | RM3310-24 x Type 1XD Mtg | BSP | ROC |
| (1) Closer, HD Parallel Arm | 351-P10 | BSP | SAR |
| (1) Kick Plate | K1062 8 x 2LDW x CS x B4E | BSP | ROC |
| (1) Wall Stop, Convex | 400 | BSP | ROC |

Electrified Hardware

- | | | | |
|---|------------------|-----|-----|
| (1) Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) Panic Device, Rim, 02 | 43-53-55-56-8810 | BSP | SAR |
| Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction. | | | |
| (1) Door Contact, Mortised, DPDT | 1020-34SWY-RAC | | FLR |
| This part number comes with a black anodized aluminum plate. | | | |
| (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications) | | | |
| (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal. | | | |

System Function:

Free egress. Electronic ingress by card which retracts latch on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE01A

Mechanical Hardware

- | | | | |
|-------------------------------|---------------------------|-----|-----|
| (4) Butt Hinges | TA786 5.0 X 4.5 | BSP | MCK |
| (1) Offset Pull, 1-"D, 24"CTC | RM3310-24 x Type 1XD Mtg | BSP | ROC |
| (1) Closer, HD Parallel Arm | 351-P10 | BSP | SAR |
| (1) Kick Plate | K1062 8 x 2LDW x CS x B4E | BSP | ROC |
| (1) Extended Wall Stop | 456-RKW | BSP | ROC |

Note: Locate on wall approx. 6" down and in from top lock corner of door as far out from hinge as possible.

Electrified Hardware

- | | | | |
|---------------------------------|------------------|-----|-----|
| (1) Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) Panic Device, Rim, 02 | 43-53-55-56-8810 | BSP | SAR |
- Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.
- | | | |
|----------------------------------|----------------|-----|
| (1) Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|----------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress by card which retracts latch on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE01B

Mechanical Hardware

- | | | | |
|-------------------------------|---------------------------|-----|-----|
| (4) Butt Hinges | TA786 5.0 X 4.5 | BSP | MCK |
| (1) Offset Pull, 1-"D, 24"CTC | RM3310-24 x Type 1XD Mtg | BSP | ROC |
| (1) Closer, HD Parallel Arm | 351-P10 | BSP | SAR |
| (1) Kick Plate | K1062 8 x 2LDW x CS x B4E | BSP | ROC |
| (1) Wall Stop, Convex | 400 | BSP | ROC |

Electrified Hardware

- | | | | |
|---------------------------------|------------------|-----|-----|
| (1) Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) Panic Device, Rim, 02 | 43-53-55-56-8810 | BSP | SAR |
- Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.
- | | | |
|----------------------------------|----------------|-----|
| (1) Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|----------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: (2) Card Readers (one single gang and one narrow jamb mount), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress by card on pull side of opening or by card at reception desk, which retracts latch on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE01C

Mechanical Hardware

(4) Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1) Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1) Closer, w/Spring Stop	351-CPS	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC

Electrified Hardware

(1) Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1) Panic Device, Rim, 02	43-53-55-56-8810	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

(1) Door Contact, Mortised, DPDT	1020-34SWY-RAC	FLR
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This part number comes with a black anodized aluminum plate.

- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress by card which retracts latch on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE01D

Mechanical Hardware

(4) Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1) Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1) Closer, HD Parallel Arm	351-P10	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC
(1) Cat H Adhesive Jamb Seal Set	PK33	Black	PEM

Note: Apply to top jamb only.

(1) Cat H Jamb Seal Set	303_PK	BSP	PEM
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Note: Apply to side jambs only.

Electrified Hardware

(1) Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1) Fire Exit Device, Rim, 02	12-43-53-55-56-8810	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

(1) Door Contact, Mortised, DPDT	1020-34SWY-RAC	FLR
----------------------------------	----------------	-----

This part number comes with a black anodized aluminum plate.

- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress by card which retracts latch on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE01E

Mechanical Hardware

(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Armor Plate	KA050 34 x 2LDW x CS x B4E	BSP	ROC
(1)	Edge Guard	306B x Full Height	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, 02	43-53-55-56-8810	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

- | | | | |
|-----|------------------------------|----------------|-----|
| (1) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|-----|------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress by card which retracts latch on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE01G

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, 02	LD-43-53-55-56-8810	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

- | | | | |
|-----|------------------------------|----------------|-----|
| (1) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|-----|------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress by card which retracts latch on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE01H

Mechanical Hardware

(1)	Top and Bottom Pivot Set	195	BSP	RIX
(2)	Intermediate Pivot	M19	BSP	RIX
(1)	SFIC Rim Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Offset Pull, 1-1/2"D Full Height	RM3312 x Special x Type 1HXD Mtg	BSP	ROC
Note: Pulls are to have an over-all length of door height less 14" with standoffs as required for proper support.				
(1)	Closer, Overhead Concealed	91-N	600	RIX
(1)	Wall Stop, Convex	400	BSP	ROC

Note 1: ADA saddle threshold, jamb and door bottom seals by aluminum door supplier.

Note 2: Tilt threshold slightly down toward exterior side to help shed water.

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, 03	43-53-55-56-AD8510	BSP	SAR
Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.				
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.			

System Function:

Free egress. Electronic ingress by card which retracts latch on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE01J

Mechanical Hardware

(1)	Top and Bottom Pivot Set	195	BSP	RIX
(2)	Intermediate Pivot	M19	BSP	RIX
(1)	SFIC Rim Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Offset Pull, 1-1/2"D Full Height	RM3312 x Special x Type 1HXD Mtg	BSP	ROC
Note: Pulls are to have an over-all length of door height less 14" with standoffs as required for proper support.				
(1)	Closer, Overhead Concealed	91-N	BSP	RIX
(1)	Universal Stop, 1-1/2"	7280	630	TRI

Note 1: ADA saddle threshold, jamb and door bottom seals by aluminum door supplier.

Note 2: Tilt threshold slightly down toward exterior side to help shed water.

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, 03	43-53-55-56-AD8510	BSP	SAR
Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.				
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams showing both pairs of doors at this vestibule on one drawing. Must be included with hardware submittal.			

System Function:

Free egress. Electronic ingress by card which retracts latch on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE02

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Rim Cylinder	Patented	626	BES
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Adhesive Jamb Seal Set	PK33	Black	PEM
Note: Apply to top jamb only.				
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM
Note: Apply to side jambs only.				

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Fire Exit Device, Rim, E-Trim	12-43-53-55-8875 x ETP	BSP	SAR
Note: Exit device has request-to-exit monitoring of the touchbar and latch monitoring.				
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Electronic ingress by card which unlocks exit device lever on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE02A

Set not used.

Hardware Set CE02B

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(1)	Edge Guard	306B x Full Height	BSP	ROC

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, 02	43-53-55-56-8873 x ETP	BSP	SAR
Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.				
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Electronic ingress by card which retracts latch on exit devices. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE02C

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Rim Cylinder	Patented	626	BES
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Cat H Adhesive Jamb Seal Set Note: Apply to top jamb only.	PK33	Black	PEM
(1)	Cat H Jamb Seal Set Note: Apply to side jambs only.	303_PK	BSP	PEM

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Fire Exit Device, Rim, E-Trim	12-43-53-55-8875 x ETP	BSP	SAR
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
	This part number comes with a black anodized aluminum plate.			
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Electronic ingress by card which unlocks exit device lever on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE03

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Closer, w/Stop	351-PS	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Custom Signage	770		TRI

Note: Provide signage on push side of door to read "Staff Only".

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, 02	43-53-55-56-8873 x ET	BSP	SAR
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
	This part number comes with a black anodized aluminum plate.			
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Electronic ingress by card which unlocks exit device lever on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE04

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
Note: Mount on RHRB door leaf.				
(2)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(2)	Panic Device, CVC, 02	RX-QEL-9950-EO	622	VON
Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.				
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Electronic ingress by card which retracts latch on exit devices. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE04A

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
Note: Mount on RHRB door leaf.				
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(2)	Panic Device, CVC, 02	RX-QEL-9950-EO	622	VON
Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.				
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Electronic ingress by card which retracts latch on exit devices. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE05

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(2)	Edge Guard	306B x Full Height	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Mortise, 02	LD-43-53-55-56-8910	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

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|-----|------------------------------|----------------|-----|
| (2) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|-----|------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress by card which retracts latch on exit devices. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE05A

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
Note: Mount on RHRB door leaf.				
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Mortise, 02	LD-43-53-55-56-8910	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

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|-----|------------------------------|----------------|-----|
| (2) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|-----|------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress by card which retracts latch on exit devices. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE05B

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Manual Flush Bolt	555-12 x LL	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top) x LL	BSP	ROC
(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
Note: Mount on RHRB door leaf.				
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Mortise, 02	LD-43-53-55-56-8910 x Lead-lined	BSP	SAR
Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.				
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Electronic ingress by card which retracts latch on exit devices. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE06

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, CVC, 01	RX-LX-9950-EO x LBL	622	VON
(1)	DE Panic Device, CVC, 01	CX-RX-LX-9950-EO	622	VON
Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.				
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free ingress to corridor 600A. Delayed egress to corridor 600B. Presenting card deactivates delayed egress device. Device reactivates after time delay. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE06A

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, CVC, 01	RX-LX-9950-EO x LBL	622	VON
(1)	DE Panic Device, CVC, 01	CX-RX-LX-9950-EO	622	VON

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

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|-----|------------------------------|----------------|-----|
| (2) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|-----|------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free ingress to Elevator Lobby. Delayed egress to corridor 700C. Presenting card deactivates delayed egress device. Device reactivates after time delay. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE06B

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, CVC, 01	RX-LX-9950-EO x LBL	622	VON
(1)	DE Panic Device, CVC, 01	CX-RX-LX-9950-EO	622	VON

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

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|-----|------------------------------|----------------|-----|
| (2) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|-----|------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free ingress to Corridor 800A. Delayed egress from Corridor 800A. Presenting card deactivates delayed egress device. Device reactivates after time delay. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE06C

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, CVC, 01	RX-LX-9950-EO x LBL	622	VON
(1)	DE Panic Device, CVC, 01	CX-RX-LX-9950-EO	622	VON

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

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|-----|------------------------------|----------------|-----|
| (2) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|-----|------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free ingress to Corridor 900A. Delayed egress from Corridor 900A. Presenting card deactivates delayed egress device. Device reactivates after time delay. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CE06D

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(2)	DE Panic Device, CVC, 01	CX-RX-LX-9950-EO	622	VON

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

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|-----|------------------------------|----------------|-----|
| (2) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|-----|------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: (2) Card Readers (single gang), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Door is not a required exit. Delayed egress to/from Corridor 900A. Presenting card deactivates delayed egress device. Device reactivates after time delay. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CEK01

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Auto Flush Bolt Set, HM	2842	BSP	ROC
(1)	Bar Coordinator w/ Brackets	2600 x 2601AB	BLK	ROC
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM
(1)	Cat H Adhesive Jamb Seal Set	PK33	Black	PEM
	Note: Apply to top jamb only.			
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM
	Note: Apply to side jambs only.			

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Fire Exit Device, Mortise, 03	12-43-53-55-8976 x ETP	BSP	SAR
	Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric trim.			
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
	This part number comes with a black anodized aluminum plate.			
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by key or card. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CEK01A

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Manual Flush Bolt	3917-24 (top)	626	TRI
(1)	Manual Flush Bolt	3917-12	626	TRI
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Closer, HD Parallel Arm	351-P10	BSP	SAR
	Note: Mount closers for 180 degree swing.			
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Mortise, 03	LD-43-53-55-56-8976 x ETP	BSP	SAR
	Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.			
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
	This part number comes with a black anodized aluminum plate.			
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by key or card. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CEK02

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Auto Flush Bolt Set, HM	2842	BSP	ROC
(1)	Bar Coordinator w/ Brackets	2600 x 2601AB	BLK	ROC
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Closer, HD Parallel Arm	351-P10	BSP	SAR
Note: Mount closers for 180 degree swing.				
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM
(1)	Cat H Adhesive Jamb Seal Set	PK33	Black	PEM
Note: Apply to top jamb only.				
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM
Note: Apply to side jambs only.				

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Fire Exit Device, Mortise, 03	12-43-53-55-8976 x ETP	BSP	SAR
Note: Exit device has request-to-exit monitoring of the touchbar, and latch monitoring, and electric lever trim.				
(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by key or card. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CEK03

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Rim Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, 03	43-53-55-8876 x ETP	BSP	SAR
Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric trim.				
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by key or card. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CEK03A

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Rim Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, 03	43-53-55-56-8876 x ET	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by key or card. Door 1s monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CEK03B

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Rim Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, 03	43-53-55-56-8876 x ET	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
This part number comes with a black anodized aluminum plate.				
(1)	Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by key or card. Door 1s monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CEK04

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Rim Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM
(1)	Cat H Adhesive Jamb Seal Set	PK33	Black	PEM

Note: Apply to top jamb only.

- | | | | | |
|-----|---|---------------------------|-----|-----|
| (1) | Cat H Jamb Seal Set | 303_PK | BSP | PEM |
| | Note: Apply to side jambs only. | | | |
| | <i>Electrified Hardware</i> | | | |
| (2) | Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) | Fire Exit Device, CVC, 03 | RX-QEL-9950L x 996L-NL-06 | 622 | VON |
| | Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction. | | | |
| (1) | Fire Exit Device, CVC, 02 | RX-QEL-9950L x 996L-DT-06 | 622 | VON |
| | Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction. | | | |
| (2) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | | FLR |
| | This part number comes with a black anodized aluminum plate. | | | |
| (1) | Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications) | | | |
| (1) | Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal. | | | |

System Function:

Free egress. Ingress by key or card. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CEK05

Mechanical Hardware

(1)	Continuous Hinge	BSPFM_HD1	BSP	PEM
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(1)	Cat H Adhesive Jamb Seal Set Note: Apply to top jamb only.	PK33	Black	PEM
(1)	Cat H Jamb Seal Set Note: Apply to side jambs only.	303_PK	BSP	PEM
(1)	Panic Threshold	274X224 x RCE	BSP	PEM

Note 1: Flat metal astragal on push side of inactive leaf by door supplier.

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Mortise, 03	43-53-55-56-8904 x 814-FLW	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

- | | | | |
|-----|------------------------------|----------------|-----|
| (2) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|-----|------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by key or card. Doors are monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CEK06

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Rim Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, ET	43-53-55-8875 x ETP	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and fail safe electric trim.

- | | | | |
|-----|------------------------------|----------------|-----|
| (1) | Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|-----|------------------------------|----------------|-----|
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
 - (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by key or card or fire alarm or power failure. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CEK06A

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	SFIC Rim Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, ET	43-53-55-8875 x ETP	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and fail safe electric trim.

(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
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This part number comes with a black anodized aluminum plate.

(1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)

(1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by key or card or fire alarm or power failure. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set CK01

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82271-LNP	BSP	SAR

Note: Electric lock is fail secure with on board request to exit monitoring of inside lever and latchbolt monitoring.

(1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)

(1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by key or card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set CK01A

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR

Note: Mount closer for 180 degree swing.

(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82271-LNP	BSP	SAR

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set CK01B

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82271-LNP	BSP	SAR

Note: Electric lock is fail secure with on board request to exit monitoring of inside lever and latchbolt monitoring.

- (1) Lot: Card Reader (single gang), control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set CK01C

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
Note: Mount closer for 180 degree swing.				
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82271-LNP	BSP	SAR
Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.				
(1)	Lot: Card Reader, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set CK01D

Mechanical Hardware

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Electric Mortise Lock	LX-IDP-NAC-82271-LNP	BSP	SAR
Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.				
(1)	Lot: Card Reader, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set CK02

Mechanical Hardware

(8)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Auto Flush Bolt Set, HM	2842	BSP	ROC
(1)	Bar Coordinator w/ Brackets	2600 x 2601AB	BLK	ROC
(1)	SFIC Mortise Cylinder Housing		BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(2)	Closer, w/Stop	351-PS	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM
(1)	Cat H Adhesive Jamb Seal Set	PK33	Black	PEM
Note: Apply to top jamb only.				
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Note: Apply to side jambs only.

Electrified Hardware

- | | | | |
|---------------------------------|----------------------|-----|-----|
| (1) Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) Electric Mortise Lock | LX-IDP-NAC-82271-LNP | BSP | SAR |

Note: Electric lock is fail secure with on board monitoring of request to exit, latchbolt monitoring and door position monitoring. Do not prep door for cylinder.

- (1) Lot: Card Reader, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Ingress by card. Presenting valid card unlocks lock for ingress. Door relocks after time delay. Door is monitored for request to exit and latch bolt.

Hardware Set D01

Mechanical Hardware

- | | | | |
|---|---------------------------|-------|-----|
| (1) Kick Plate | K1062 8 x 2LDW x CS x B4E | BSP | ROC |
| (1) Closer, w/Spring Stop | 351-CPS | BSP | SAR |
| (1) Cat H Adhesive Jamb Seal Set
Note: Apply to top jamb only. | PK33 | Black | PEM |
| (1) Cat H Jamb Seal Set
Note: Apply to side jambs only. | 303_PK | BSP | PEM |
| (1) Panic Threshold | 274X224 x RCE | BSP | PEM |

Electrified Hardware

- | | | | |
|----------------------------------|----------------------|-----|-----|
| (1) Continuous Hinge | BSPFM_HD1 x EPT Prep | BSP | PEM |
| (1) Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) Panic Device, Rim, 01, LD | 43-53-55-8810 | BSP | SAR |
| (1) Door Contact, Mortised, DPDT | 1020-34SWY-RAC | | FLR |
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)

System Function:

Free egress. No ingress. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set D01A

Mechanical Hardware

- | | | | |
|---|---------------------------|-------|-----|
| (4) Butt Hinges | TA786 5.0 X 4.5 | BSP | MCK |
| (1) Kick Plate | K1062 8 x 2LDW x CS x B4E | BSP | ROC |
| (1) Closer, HD Parallel Arm | 351-P10 | BSP | SAR |
| (1) Wall Stop, Convex | 400 | BSP | ROC |
| (1) Cat H Adhesive Jamb Seal Set
Note: Apply to top jamb only. | PK33 | Black | PEM |
| (1) Cat H Jamb Seal Set
Note: Apply to side jambs only. | 303_PK | BSP | PEM |

Electrified Hardware

- | | | | |
|----------------------------------|------------------|-----|-----|
| (1) Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) Fire Exit Device, Rim, 01 | 12-43-53-55-8810 | BSP | SAR |
| (1) Door Contact, Mortised, DPDT | 1020-34SWY-RAC | | FLR |
- This part number comes with a black anodized aluminum plate.
- (1) Lot: Control electronics, low voltage power (see security specifications).

System Function:

Free egress. No ingress. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set D01B

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Custom Signage	770		TRI

Note: Provide signage on push side of door to read "Staff Only".

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, 01, LD	LD-43-53-55-8810	BSP	SAR
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR

This part number comes with a black anodized aluminum plate.

- (1) Lot: Control electronics, low voltage power (see security specifications)

System Function:

Free egress. No ingress. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set D01C

Mechanical Hardware

(1)	Closer, w/Spring Stop	351-CPS x 581-2 x 125-V	BSP	SAR
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Note 1: ADA black saddle threshold, jamb and meeting edge and door bottom seals by aluminum door supplier.

Electrified Hardware

(1)	Continuous Hinge	BSPFM_SLF-HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	NS Panic Device, Rim, 01, LD	43-53-55-AD8510	BSP	SAR
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR

This part number comes with a black anodized aluminum plate.

- (1) Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)

System Function:

Free egress. No ingress. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set D01D

Mechanical Hardware

(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Cat H Adhesive Jamb Seal Set	PK33	Black	PEM
Note: Apply to top jamb only.				
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM
Note: Apply to side jambs only.				
(1)	Panic Threshold	274X224 x RCE	BSP	PEM

Electrified Hardware

(1)	Continuous Hinge	BSPFM_HD1 x EPT Prep	BSP	PEM
(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Fire Exit Device, Rim, 01, LD	12-43-53-55-8810	BSP	SAR
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR

This part number comes with a black anodized aluminum plate.

- (1) Lot: Card Reader, single-gang, control electronics, low voltage power (see security specifications)

System Function:

Free egress. No ingress. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set D01E

Mechanical Hardware

(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Panic Threshold	274X224 x RCE	BSP	PEM

Note 1: Hanging means and jamb seals by door and frame supplier.

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	NS Fire Exit Device, Rim, 01	12-43-53-55-8510	BSP	SAR
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR

This part number comes with a black anodized aluminum plate.

(1) Lot: Control electronics, low voltage power (see security specifications)

System Function:

Free egress. No ingress. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set DK01

Mechanical Hardware

(2)	SFIC Mortise Cylinder Housing		BSP	SAR
(2)	Permanent Key Cylinder Core		622	BES

Note 1: All hardware by door supplier. Detail cylinder housing with correct cam for proper operation.

Electrified Hardware

(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
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This part number comes with a black anodized aluminum plate.

(1) Lot: Control electronics, low voltage power (see security specifications)

System Function:

Egress and ingress by key. Door is monitored for door position.

Hardware Set E01

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	NS Panic Device, Rim, 02	43-53-55-56-8510	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
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This part number comes with a black anodized aluminum plate.

(1) Lot: Control electronics, low voltage power (see security specifications)

(1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress during unlock period through access control which retracts latch on exit device.

Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set E01A

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC

- | | | | |
|-----------------------------|---------------------------|-----|-----|
| (1) Closer, HD Parallel Arm | 351-P10 | BSP | SAR |
| (1) Kick Plate | K1062 8 x 2LDW x CS x B4E | BSP | ROC |
| (1) Extended Wall Stop | 456-RKW | BSP | ROC |

Note: Locate on wall approx. 6" down and in from top lock corner of door as far out from hinge as possible.

Electrified Hardware

- | | | | |
|---------------------------------|------------------|-----|-----|
| (1) Jamb-to-Door Power Transfer | CEPT-10-BSP | BSP | SEC |
| (1) NS Panic Device, Rim, 02 | 43-53-55-56-8510 | BSP | SAR |

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

- | | | |
|----------------------------------|----------------|-----|
| (1) Door Contact, Mortised, DPDT | 1020-34SWY-RAC | FLR |
|----------------------------------|----------------|-----|

This part number comes with a black anodized aluminum plate.

- (1) Lot: Control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress during unlock period through access control which retracts latch on exit device.

Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set E01B

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1)	Closer, w/Spring Stop	351-CPS	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	NS Panic Device, Rim, 02	43-53-55-56-8510	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
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This part number comes with a black anodized aluminum plate.

- (1) Lot: Control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress during unlock period through access control which retracts latch on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set E02

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Manual Flush Bolt	555-12	BSP	ROC
(1)	Manual Flush Bolt	555-24 (top)	BSP	ROC
(1)	Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(2)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Mortise, 02	LD-43-53-55-56-8910	BSP	SAR

Note: Exit device has request-to-exit monitoring of the touchbar, latch monitoring and electric latch retraction.

(2)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR
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This part number comes with a black anodized aluminum plate.

- (1) Lot: Control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress. Electronic ingress during unlock period through access control which retracts latch on exit device. Door is monitored for exit device touchbar REX, latch position, and door position.

Hardware Set E03

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(2)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	CEPT-10-BSP	BSP	SEC
(1)	Panic Device, Rim, 01	59-8801	BSP	SAR
(1)	Door Contact, Mortised, DPDT	1020-34SWY-RAC		FLR

This part number comes with a black anodized aluminum plate.

- (1) Lot: Control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Delayed egress. No ingress. Door is monitored for door position.

Hardware Set H01

Mechanical Hardware

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Fire Exit Device, Rim, 14	12-43-8815 x ETP	BSP	SAR
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Electrified Hardware

(1)	Magnetic Holder	998	693	RIX
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- (1) Lot: Fire alarm connection, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress and ingress. Door is normally held open with magnetic holder. Upon signal from fire alarm, door closes and latches.

Hardware Set H02

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Fire Exit Device, CVC, 14	9950-F-L-LBL x 996L-BE-R/V-06	BSP	VON
(1)	Fire Exit Device, CVC, 01	9950-F-EO-LBL	BSP	VON
(2)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Electrified Hardware

(2)	Magnetic Holder	998	693	RIX
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- (1) Lot: Fire alarm connection, control electronics, low voltage power (see security specifications)
- (1) Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.

System Function:

Free egress and ingress. Doors are normally held open with magnetic holder. Upon signal from fire alarm, doors close and latch.

Hardware Set H02A

Mechanical Hardware

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(2)	Fire Exit Device, CVC, 01	9950-F-EO-LBL	BSP	SAR
(2)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(4)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(1)	Cat H Astragal Set	351	BSP	PEM
(1)	Cat H Jamb Seal Set	303_PK	BSP	PEM

Electrified Hardware

(2)	Magnetic Holder	998	693	RIX
(1)	Lot: Fire alarm connection, control electronics, low voltage power (see security specifications)			
(1)	Lot: Factory-drawn riser and point-to-point wiring diagrams must be included with hardware submittal.			

System Function:

Free egress and ingress. Doors are normally held open with magnetic holders. Upon signal from fire alarm, doors close and latch.

Hardware Set 01

(4)	Butt Hinges	TA314 4.5 X 4.0	BSP	MCK
(1)	Push Plate	73C x RC	BSP	ROC
(1)	Pull Plate	105 x 70C x RC	BSP	ROC
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Mop Plate	K1062 4 x 1LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Hardware Set 01A

(4)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1)	Push Plate	73C x RC	BSP	ROC
(1)	Pull Plate	105 x 70C x RC	BSP	ROC
(1)	Closer, Regular Arm	351-O	BSP	SAR
(1)	Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Hardware Set 01B

(8)	Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(2)	Push Plate	73C x RC	BSP	ROC
(2)	Pull Plate	105 x 70C x RC	BSP	ROC
(1)	Closer, HD Parallel Arm	351-P10	BSP	SAR
(1)	Closer, w/Stop	351-PS	BSP	SAR
(2)	Kick Plate	K1062 8 x 1LDW x CS x B4E	BSP	ROC
(1)	Wall Stop, Convex	400	BSP	ROC

Hardware Set 02

(4)	Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1)	Storeroom Lock	70-8204-LNP	BSP	SAR
(1)	Permanent Key Cylinder Core		622	BES
(1)	Overhead Stop, HD, Surface	OH900	BSP	ROC

Hardware Set 03

Set not used.

Hardware Set 04

(4) Butt Hinges	TA314 4.5 X 4.0	BSP	MCK
(1) Privacy Set w/Indicator	8265-LNP x V21 x EMB	BSP	SAR
(1) Closer, Regular Arm	351-O	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Mop Plate	K1062 4 x 1LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC

Hardware Set 04A

(4) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1) Privacy Set w/Indicator	8265-LNP x V21 x EMB	BSP	SAR
(1) Closer, Regular Arm	351-O	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Mop Plate	K1062 4 x 1LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC
(1) Cat H Jamb Seal Set	285R	BSP	PEM
(1) Surface Sound Sweep	SSDB3	DDB	DHS

Hardware Set 04B

(4) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1) Privacy Set w/Indicator	8265-LNP x V21 x EMB	BSP	SAR
(1) Closer, HD Parallel Arm	351-P10	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC

Hardware Set 04C

(4) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1) Privacy Set w/Indicator	8265-LNP x V21 x EMB	BSP	SAR
(1) Closer, Regular Arm	351-O	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC

Hardware Set 05

(8) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(2) Push Bar, 1"D, 33" long	RM3102 x Type 1XHD Mtg	BSP	ROC
(1) Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
Note: Mount on RHRB door leaf.			
(1) Closer, HD Parallel Arm	351-P10	BSP	SAR
(1) Closer, w/Spring Stop	351-CPS	BSP	SAR
(2) Closer Mounting Bracket	7ASL	MBL	NGP
(2) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC
(1) Cat H Jamb Seal Set	285R	BSP	PEM
(1) Surface Sound Sweep	SSDB3	DDB	DHS

Note 1: Do not cut top jamb sound seal for closer arm bracket. Lower the closer on the door and mount closer arm bracket to 7ASL closer mounting bracket.

Hardware Set 05A

(4) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1) Push Plate	73C x RC	BSP	ROC
(1) Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1) Closer, HD Parallel Arm	351-P10	BSP	SAR
(1) Closer Mounting Bracket	7ASL	MBL	NGP
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC
(1) Cat H Jamb Seal Set	285R	BSP	PEM
(1) Surface Sound Sweep	SSDB3	DDB	DHS

Note 1: Do not cut top jamb sound seal for closer arm bracket. Lower the closer on the door and mount closer arm bracket to 7ASL closer mounting bracket.

Hardware Set 05B

(8) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(2) Push Plate	73C x RC	BSP	ROC
(1) Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
Note: Mount on RHRB door leaf.			
(2) Closer, HD Parallel Arm	351-P10	BSP	SAR
(2) Closer Mounting Bracket	7ASL	MBL	NGP
(2) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(2) Wall Stop, Convex	400	BSP	ROC
(1) Cat H Jamb Seal Set	285R	BSP	PEM
(1) Surface Sound Sweep	SSDB3	DDB	DHS

Note 1: Do not cut top jamb sound seal for closer arm bracket. Lower the closer on the door and mount closer arm bracket to 7ASL closer mounting bracket.

Hardware Set 05C

(8) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(2) Push Bar, 1"D, 33" long	RM3102 x Type 1XHD Mtg	BSP	ROC
(1) Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
Note: Mount on RHRB door leaf.			
(2) Closer, w/Spring Stop	351-CPS	BSP	SAR
(2) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Cat H Jamb Seal Set	285R	BSP	PEM
(1) Surface Sound Sweep	SSDB3	DDB	DHS

Note 1: Do not cut top jamb sound seal for closer arm bracket. Lower the closer on the door and mount closer arm bracket to 7ASL closer mounting bracket.

Hardware Set 05D

(8) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(2) Push Bar, 1"D, 33" long	RM3102 x Type 1XHD Mtg	BSP	ROC
(1) Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
Note: Mount on RHRB door leaf.			
(2) Closer, HD Parallel Arm	351-P10	BSP	SAR
(2) Closer Mounting Bracket	7ASL	MBL	NGP
(2) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(2) Wall Stop, Convex	400	BSP	ROC
(1) Cat H Jamb Seal Set	285R	BSP	PEM
(1) Surface Sound Sweep	SSDB3	DDB	DHS

Note 1: Do not cut top jamb sound seal for closer arm bracket. Lower the closer on the door and mount closer arm bracket to 7ASL closer mounting bracket.

Hardware Set 05E

(4) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1) Push Plate	73C x RC	BSP	ROC
(1) Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1) Closer, Regular Arm	351-O	BSP	SAR
Note: Provide special templating so as not to conflict with overhead stop.			
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Overhead Stop, HD, Concealed	OH100	BSP	ROC
(1) Cat H Jamb Seal Set	285R	BSP	PEM
(1) Surface Sound Sweep	SSDB3	DDB	DHS

Hardware Set 05F

(4) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1) Push Plate	73C x RC	BSP	ROC
(1) Offset Pull, 1-"D, 24"CTC	RM3310-24 x Type 1XD Mtg	BSP	ROC
(1) Closer, Regular Arm	351-O	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC
(1) Cat H Jamb Seal Set	285R	BSP	PEM
(1) Surface Sound Sweep	SSDB3	DDB	DHS

Hardware Set 06

(4) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1) Passage Set	8215-LNP	BSP	SAR
(1) Wall Stop, Convex	400	BSP	ROC
(1) Cat H Jamb Seal Set	285R	BSP	PEM
(1) Surface Sound Sweep	SSDB3	DDB	DHS

Hardware Set 06A

(4) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1) Passage Set	8215-LNP	BSP	SAR
(1) Wall Stop, Convex	400	BSP	ROC

Hardware Set 06B

(4) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1) Passage Set	8215-LNP	BSP	SAR
(1) Closer, HD Parallel Arm	351-P10	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC

Hardware Set 06C

(4) Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1) Passage Set	8215-LNP	BSP	SAR
(1) Wall Stop, Convex	400	BSP	ROC

Hardware Set 06D

(8) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(1) Self Latching Flush Bolt	2949	BSP	ROC
(1) Passage Set	8215-LNP	BSP	SAR
(1) Wall Stop, Convex	400	BSP	ROC
(1) Overhead Stop, HD, Concealed	OH100	BSP	ROC

Hardware Set 07

Cased open frame. No hardware required.

Hardware Set 08

(8) Butt Hinges	TA714 4.5 X 4.0	BSP	MCK
(2) Flush Pull	94C	BSP	ROC
(2) Roller Latch	592	BSP	ROC
(2) Wall Stop, Convex	400	BSP	ROC

Hardware Set 09

(4) Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1) Fire Exit Device, Rim, 14	12-43-8815 x ET	BSP	SAR
(1) Closer, Regular Arm	351-O	BSP	SAR
Note: Provide special templating so as not to conflict with overhead stop.			
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Cat H Jamb Seal Set	303_PK	BSP	PEM
(1) Overhead Stop, HD, Concealed	OH100	BSP	ROC

Hardware Set 09A

(4) Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1) Fire Exit Device, Rim, 14	12-43-8815 x ET	BSP	SAR
(1) Closer, Regular Arm	351-O	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Cat H Jamb Seal Set	303_PK	BSP	PEM
(1) Wall Stop, Convex	400	BSP	ROC

Hardware Set 10

Set not used.

Hardware Set 11

(2) Continuous Hinge	BSPFM_HD1	BSP	PEM
(1) Self Latching Flush Bolt	2949	BSP	ROC
(1) Hospital Latch Set	28-115-P-WBS x 5"BS	BSP	SAR
(1) Closer, HD Parallel Arm	351-P10	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(2) Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC
(1) Wall Stop/Holder	494S	BSP	ROC

Note 1: Locate hospital latch at 45" AFF. Locate wall stop/holder 6" down and in from top lock corner of door.

Hardware Set 11A

(2) Continuous Hinge	BSPFM_HD1	BSP	PEM
(1) Self Latching Flush Bolt	2949	BSP	ROC
(1) Hospital Latch Set	28-115-P-WBS x 5"BS	BSP	SAR
(2) Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC
Note: For inactive leaf, mounted on wall or door as needed.			
(1) Overhead Stop, HD, Concealed	OH100	BSP	ROC
Note 1: Locate hospital latch at 45" AFF.			

Hardware Set 11B

(2) Continuous Hinge	BSPFM_HD1	BSP	PEM
(1) Self Latching Flush Bolt	2949	BSP	ROC
(1) Hospital Latch Set	28-115-P-WBS x 5"BS	BSP	SAR
(2) Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC
(1) Overhead Stop, HD, Concealed	OH100	BSP	ROC
Note: For inactive leaf.			
Note 1: Locate hospital latch at 45" AFF.			

Hardware Set 11C

(2) Continuous Hinge	BSPFM_HD1	BSP	PEM
(1) Self Latching Flush Bolt	2949	BSP	ROC
(1) Hospital Latch Set	28-115-P-WBS x 5"BS	BSP	SAR
(2) Armor Plate	KA050 34 x 1LDW x CS x B4E	BSP	ROC
(2) Wall Stop, Convex	400	BSP	ROC
Note 1: Locate hospital latch at 45" AFF.			

Hardware Set 12

All hardware by ICU door supplier.

Hardware Set 13

(4) Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1) Office Lock	8205-LNP	BSP	SAR
(1) SFIC Mortise Cylinder Housing		BSP	SAR
(1) Permanent Key Cylinder Core		622	BES
(1) Closer, Regular Arm	351-O	BSP	SAR
(1) Kick Plate	K1062 8 x 2LDW x CS x B4E	BSP	ROC
(1) Wall Stop, Convex	400	BSP	ROC
Note 1: Door 620C-A is LH.			

Hardware Set 13A

(4) Butt Hinges	TA786 5.0 X 4.5	BSP	MCK
(1) Office Lock	8205-LNP	BSP	SAR
(1) SFIC Mortise Cylinder Housing		BSP	SAR
(1) Permanent Key Cylinder Core		622	BES

Hardware Set 14

(2) Butt Hinges	BB1279 4.5 X 4.5	Black	HAG
(2) Reverse Spring Hinges	1257 4.5 x 4.5	Black	HAG
(2) Magnetic Catch	901	628	ROC

3.8 DOOR TO HARDWARE SET INDEX

Door	HW Set
Exterior	
000D	ACEK01
100B-A	ACEK01B
100B-B	A02D
100D1	ACEK03
100F	ACEK01A
121	CEK05
311-B	C01Z
700B	DK01
814F-B	C01AT
832-B	C01AS
914	C01AT
1000	C01AV
ST-B1-B	D01C
ST-C1-C	D01
XD100	C01C
XD101	C01C
XE200-A	CE01H
XE200-B	CE01J
LOWER BASEMENT	
016	C01L
026B	CEK01A
027	CEK02
ST-B0	CE02
BASEMENT	
000A	A02
000B	C01N
000B1-A	C01F
000B1-B	C01AM

000-C	13
001	C01A
002	CEK03
003	C01A
004-A	CE01
004-B	E01
005-A	CE01
005-B	E01
006B	06
007	C01A
008	C01A
009	01A
009A	C02
009B	C02
009C	C02
009D	C02
010-A	E01A
010-B	CE01A
013	C01J
014A	01
014B	02
014C	01
014D	04
014E	CK01A
014F	CK01A
014G	04C
015	04A
017	C01A
018	CEK01
018A	C01F
019-A	H02
019-B	H02
020	D01A

021	CK02
022	C01F
023	CEK01
024	C01G
025	C01K
026A	CEK01A
030	C01AK
031	C01AK
032	C01A
033	C01A
036	C01E
037	C01A
038A	E01
038B	CE01
039A	E01
039-B	CE01
040-A	05
040-B	05
040A	CE04
040B	CE04
041	C01F
042	C01E
054A	01
054B	02
054C	01
054D	C01D
054E	04
056	C01H
057	05B
058	C01G
ST-C0-A	CEK06
ST-C0-B	CEK06
ST-D0	H01

1ST FLOOR	
100A-A	A02B
100A-B	A02C
100D-A	01B
100D-B	A03
100C	13
100E	A02A
101-A	H02
101-B	H02A
101-C	C01D
101-E	C01E
101A	C01A
102	CEK03
103	C01M
104	C01M
109	CK01D
110	CK01A
111-A	05
111-B	05D
111A	CE04A
111B	CE04A
112-A	05D
112-B	05C
112A	CE04A
112B	CE04A
113	C01J
114A	A01
114B	02
114C	A01
114D	04
114E	CK01A
114F	CK01A
114G	04C
115	C01B
116-A	CE01
116-B	E01
117	C01A
118-A	E01
118-B	CE01
120B	04

120C	04
120D	04
120E	C01P
120F	C01AX
120G	C01P
120H	C01Q
120J	CK01B
124-A	C01E
124-B	C01AL
126-A	CE01
126-B	E01
128-A	CE01
128-B	E01
130-A	E01
130-B	CE01
132-A	E01
132-B	CE01
147	C01A
149	C01A
151	C01A
153	C01A
154A	01
154B	02
154C	01
154D	CK01A
154E	04
155	C01A
156	C01H
157	05A
158	CEK03A
ST-B1-A	H01
ST-C1-A	H01
ST-C1-B	09
ST-D1-A	H01
ST-D1-B	D01E
2ND FLOOR	
200C	13
200E-A	CE01B
200E-B	CE01G
201-A	CE01C

201-B	CE01C
201-F	E03
201-G	E03
202	CEK03
203	C03
205	C03
207	C03
209	CK01A
210	CK01A
211-A	05
211-B	05
211A	CE04A
211B	CE04
212-A	05
212-B	05
212A	CE04
212B	CE04
212C	C01R
213	C01J
214A	A01
214B	02
214C	A01
214D	04
214E	CK01A
214F	CK01A
214G	04C
216-A	CE01
216-B	E01B
217	05A
218	CE01C
219	H02
220	CE01
226	C01S
227	C01S
228	C01S
229	C01S
230	C01S
231	C01S
232	C01S
235A	C01S
235B	C01S

235C	C01S
235D	C01S
235E	C01S
235F	C01S
236	C01S
237	C01S
238	C01S
239	C01S
240	C01S
241A	C01S
241B	C01S
241C	C01S
241D	C01S
242	C01S
244	C01S
246	C01S
247	C01S
254D	CK01A
257	C01B
258	CEK03A
262E	C01S
262F	C01S
262G	C01S
268A	C01S
268B	C01S
268C	C01S
268D	C01S
268E	C01S
269A	C01S
269B	C01S
269C	C01S
269D	C01S
269E	C01S
274	C01S
278	C01S
279A	C01S
279B	C01S
279C	C01S
ST-B2	H01
ST-C2-A	H01
ST-C2-B	09

ST-D2	H01
3RD FLOOR	
300A2-A	C01X
300A2-B	C01Y
300D-A	CE01B
300D-B	CE01G
300D-1A	E03
300D-1B	E03
301-A	CE01C
301-B	CE01C
302	CEK03A
303	CE05
303A	C01AY
304A-A	CE05
304A-B	06A
304B	CE05
305-A	CE01E
305-B	06A
306	C01K
306A	04B
306B	04B
306C	C01AAA
306D	C01AZ
307-A	CE05
307-B	CE01E
308A-A	CE05
308A-B	06A
308B	CE05
309	CK01A
310	CK01A
311-A	05E
313	C01J
314A	01
314B	02
314C	01
314D	04
314E	CK01A
314F	CK01A
314G	04C
316-A	CE01

316-B	E02
317	C01AAB
319	H02
320-A	E01
320-B	CE05A
323	C01AN
325	C01S
326	C01A
327	C01S
329	C01S
330	C01S
331	C01S
332	C01S
335A	C01S
335B	C01S
335C	C01S
335D	C01S
335E	C01S
335F	C01S
336	C01S
338	C01S
340	C01S
341	C01S
342	C01S
344	C01S
345A	C01S
345B	C01S
345C	C01S
345D	C01S
345E	C01S
346	C01S
348	C01S
349	C01S
350	C01S
354D	CK01A
358	CEK03A
362E	C01S
362F	C01S
362G	C01S
368A	C01S
368B	C01S

368C	C01S
368D	C01S
369A	C01S
369B	C01S
369C	C01S
369D	C01S
373	C01A
374	C01S
378	C01S
379A	C01S
379B	C01S
379C	C01S
379D	C01S
ST-B3	CEK06A
ST-C3-A	H01
ST-C3-B	09A
ST-D3	H01
4TH FLOOR	
400C	I3
400D-A	CE01B
400D-B	CE01G
400D-1A	E03
400D-1B	E03
401-A	CE01C
401-B	CE01C
402	CEK03A
403	C01A
404	C01AA
405-A	C01G
405-B	06B
405A-A	D01B
405A-B	D01B
405B	04
405C	04
405D	C01M
405E-A	06A
405E-B	C01A
405F-A	06A
405F-B	C01A
405G-A	06A

405G-B	C01A
405H-A	06A
405H-B	C01A
405J-A	06A
405J-B	C01A
405K	C01M
405L-A	C01A
405L-B	C01F
406	CE05
406A-A	C01L
406A-B	C01L
407-A	C01AB
407-B	C01AB
407B-A	CE05A
407B-B	E01
407C	C01AAB
407D	C01AAB
407E	C01H
407F	C01H
407G	C01H
408-A	CE05
408A-A	C01L
408A-B	C01A
408A-C	C01A
409	CK01A
410	CK01A
411	05F
413	C01J
414A	01
414B	02
414C	01
414D	04
414E	CK01A
414F	CK01A
414G	04C
415	C01A
416	C01A
417	C01AD
418	C01AD
418A-A	C01AE
418A-B	C01AF

419	H02
420-B	E01B
420A	C01AG
425	C01AN
426	C01A
427	C01S
428	C01S
429	C01S
430	C01S
431	C01S
432	C01S
435A	C01S
435B	C01S
435C	C01S
435D	C01S
435E	C01S
435F	C01S
436	C01S
438	C01S
439	C01S
440	C01S
442	C01S
443A	C01S
443B	C01S
443C	C01S
443D	C01S
444	C01S
446	C01S
447	C01S
454D	CK01A
456	C01H
457	C01M
458	CEK03A
462E	C01S
462F	C01S
462G	C01S
468A	C01S
468B	C01S
468C	C01S
468D	C01S
469A	C01S

469B	C01S
469C	C01S
469D	C01S
471	C01A
479A	C01S
479B	C01S
479C	C01S
ST-B4	H01
ST-C4-A	H01
ST-C4-B	09A
ST-D4	H01
5TH FLOOR	
500C	13
500A2	C01AAC
500A3	C01AAC
500E-A	CE01B
500E-B	CE01G
500E-1A	E03
500E-1B	E03
501-A	CE01C
501-B	CE01C
502	CEK03
503-A	C01K
503-B	C01D
503A	C01A
503B	C01A
503C	C01A
503D	C01A
504	C01AAH
505	C01AAH
506A	C01AAH
506B	C01AAH
506B1	C01AAC
507A	C01AAH
507B	C01AAH
509	CK01A
510	CK01A
511	05F
513	C01H
514A	01

514B	02
514C	01
514D	04
514E	CK01A
514F	CK01A
514G	04C
518	C01F
518A	C01S
518B	C01S
518C	C01S
518D	C01S
518E	C01S
518F	C01S
518G	C01S
518H	C01S
518J	C01S
518K	C01S
518M	C01S
518N	C01S
518P	C01S
518Q	C01S
518R	C01S
518S	C01S
518T	C01S
518U	C01S
518V	C01S
518W	C01S
518X	C01S
519	H02
526	C01AAD
526-B	C01A
527	C01S
528	C01A
529	C01S
535A	C01S
535B	C01S
535C	C01S
535D	C01S
535E	C01S
535F	C01S
536A	C01S

536B	C01S
537	C01S
538	C01S
540	C01S
541A	C01S
541B	C01S
541C	C01S
541D	C01S
541E	C01S
542A	C01S
542B	C01S
542C	C01S
545	C01S
554D	CK01A
554E	04
558	CEK03A
562E	C01S
562F	C01S
562G	C01S
568A	C01S
568B	C01S
568C	C01S
568D	C01S
569A	C01S
569B	C01S
569C	C01S
569D	C01S
569E	C01A
579A	C01S
579B	C01S
579C	C01S
579D	C01S
ST-B5	H01
ST-C5-A	H01
ST-C5-B	09A
ST-D5	H01
6TH FLOOR	
600B1	C01F
600B-A	CE03
600B-B	CE06

600B-C	CE03
600B-D	CE03
600B-E	CE03
600C	13
600C-A	CE01G
600C-B	CE03
600C-C	CE03
600F1	08
600F-A	CE01B
600F-B	CE01G
600F-1A	E03
600F-1B	E03
601-A	CE01C
601-B	CE01C
602	CEK03A
603	C01A
603A	C01B
603B-A	C01A
603B-B	C01A
604	C01G
604A	04
605A-A	CE01
605B-A	CE01
605B-B	CE05A
606-A	C01M
606-B	C01A
606A-A	06D
606A-B	C01A
606B-A	C01A
606B-B	06D
606C-A	06C
606C-B	C01A
606D-A	C01A
606D-B	06C
606E-A	06C
606E-B	C01A
606F-A	C01A
606F-B	06C
606G	C01P
606H-A	C01A
606H-B	06C

606J-A	06C
606J-B	C01A
606K-A	C01A
606K-B	06C
606L-A	06C
606L-B	C01A
606M-A	C01A
606M-B	06C
606N-A	06C
606N-B	C01A
606P-A	C01A
606P-B	06C
606Q-A	06C
606Q-B	C01A
606R	04
607A-A	06D
607A-B	C01A
607B-A	C01A
607B-B	06D
607C-A	06C
607C-B	C01A
607D-A	C01A
607D-B	06C
607E-A	06C
607E-B	C01A
607F-A	C01A
607F-B	06C
607G-A	06C
607G-B	C01A
607H-A	C01A
607H-B	06C
607J-A	06C
607J-B	C01A
607K-A	C01A
607K-B	06C
607L-A	06C
607L-B	C01A
607M-A	C01A
607M-B	06C
607N-A	06C
607N-B	C01A

607P-A	C01A
607P-B	06C
607Q-A	06C
607Q-B	C01A
607R-A	C01A
607R-B	06C
607S	04
608A	04B
608B-A	C01A
608B-B	06C
608C-A	C01A
608C-B	06C
608D-A	C01A
608D-B	06C
608E-A	C01A
608E-B	06C
608F-A	C01A
608F-B	06C
608G-A	C01A
608G-B	06C
608H	C01A
608J	04
609	CK01A
610	CK01A
611	C01AAE
613	C01J
614A	01
614B	02
614C	01
614D	04
614E	CK01A
614F	CK01A
614G	04C
615B	04
615C	04C
615-A	C01AJ
615-B	06B
616	C01D
616B	C01S
616C	C01S
616D	C01S

616E	C01S
616F	C01S
616G	C01A
616H	C01S
616J	C01S
616K	C01S
617	05E
619-A	H02
619-B	CEK04
620	C01F
620B	C01A
620C-A	13
620C-B	C01A
620D	C01S
620E	C01S
620F	C01S
620G	C01M
626-A	C01AAD
626-B	C01M
627	C01S
629	C01S
630	C01S
631	C01S
632	C01S
635A	C01S
635B	C01S
635C	C01S
635D	C01S
635E	C01S
635F	C01S
635G	C01S
635H	C01S
635J	C01S
635K	C01S
635L	C01S
636	C01S
638	C01S
641	C01S
654B	02
654D	CK01A
654E	04

658	CEK03A
662A	C01S
662B	C01S
662C	C01S
662D	C01S
662E	C01S
662F	C01S
662G	C01S
668A	C01S
668B	C01S
668C	C01S
669A	C01S
669B	C01S
669C	C01S
669D	C01S
669E	C01A
679A	C01S
679B	C01S
679C	C01S
ST-B6	CEK06A
ST-C6-A	H01
ST-C6-B	09A
ST-D6	H01
7TH FLOOR	
700A-1	CK01A
700A2	C01M
700C	13
700C-A	CE04
700C-B	CE06A
700D-A	C01AL
700D-B	CE01D
700E-A	CE01D
700E-B	CE01D
702	CEK03A
703A	11A
703B	12
703C	C01M
703D	C01F
703E	11A
703F	12

703G	C01AK
703H	C01AK
703J	C01AK
704A	11A
704B	C01AK
704C	C01M
704D	C01AAF
704E	11A
704F	C01AK
704G	11A
704H	C01K
704J	C01M
704K	11A
704L	C01AK
705-A	C01W
705-B	C01W
706A	C01AK
706B	11A
706C	C01AK
706D	C01M
706E	C01AK
706F	11A
706G	C01AK
706H	11A
706J	C01M
706K	11A
706L	C01G
706M	C01S
706N	C01S
707	C01A
708	C01AAJ
709	CK01A
710	CK01A
711	05F
712A	C01AK
712B	C01AK
712C	C01AK
712D	C01AK
712E	C01AK
712F	C01AK
712G	C01AK

712H	C01AK
712J	C01AK
712K	C01AK
712L	C01AK
712M	C01AK
712N	C01AK
712P	C01AK
713	C01J
714A	01
714B	02
714C	01
714D	04
714E	CK01A
714F	CK01A
714G	04C
719	CEK04
736	C01G
737	C01AK
738	C01G
739	C01AK
740	C01G
742	C01G
744	C01G
746	C01G
748	C01G
749	C01AK
750	C01G
751	C01AK
753	C01AK
754A	01
754B	02
754C	01
754D	CK01A
754E	04
755	C01AK
756	C01H
757	C01AK
758	CEK03A
761	C01AK
763	C01AK
765	CK01C

ST-B7	CEK06A
ST-C7-A	H01
ST-C7-B	H01
ST-D7	H01
8TH FLOOR	
800A-A	CE06B
800A-B	CE05A
800B2-A	C01W
800B2-B	C01W
800C	13
801A	CK01B
802	CEK03A
803	C01AQ
807-A	CE05B
807-B	CE05B
809	CK01A
810	CK01A
811A	C01AK
811B	11A
811C	C01A
811D	C01AK
811E	C01A
811F	11A
811G	C01AK
811H	11A
811J	C01A
811K	C01AK
811L	C01A
811M	11A
811N	C01A
811P	11A
811Q	C01A
811R	11A
811S-A	C01M
811S-B	C01A
812A	C01AAF
812B	11A
812C	C01AK
812D	C01M
812E	C01AAH

812F	11C
812G	C01AAE
812H	12
812J	C01AK
812K	C01M
812L	C01AK
812M	12
812N	C01M
813	C01AH
814A	01
814B	02
814C	01
814D	04
814E	04
814F-A	C01AH
814G	CK01A
814H	CK01A
814J	04C
816-A	C01G
816-B	C01G
816A	C01S
816B	C01S
816C	C01S
816D	C01S
816E	C01S
816F	C01S
816G	C01S
816H	C01S
816J	C01S
816K	C01S
818-A	CE05
818-B	CE05
818A-B	C01M
818B	C01AR
819-A	H02
819-B	CEK04
832-A	C01AD
ST-B8	CEK06A
ST-C8-A	09A
ST-C8-B	H01
ST-D8	C01AH

9TH FLOOR	
900A	CE06C
900B1	C01P
900B2	C01P
900C	CE06D
900-C	13
901-A	CE02B
901-B	CE05
902	CEK03A
903	C01A
903A	04
904	C01A
904A	04
905	C01A
905A	04
906	C01AAG
907	C01AK
908	05F
909	CK01A
910	CK01A
911	C01M
911A	C01S
911B	C01S
911C	C01S
912A-A	ACE01
912A-B	ACE01
912A-C	C01G
912-A	CE04A
912-B	CE05
912B	C01AAE
912C	ACE01A
912D	AC01
912E	AC01
913	C01AH
914A	01
914B	02
914C	01
914D	CK01A
914E	CK01A
914F	04

914G	04C
915-A	CE01
915-B	E01
916	CK01C
917-A	E02
917-B	CE02
918	C01AAF
919-A	H02
919-B	ACEK02
920	C01A
ST-B9	CEK03A
ST-C9-A	09A
ST-C9-B	H01
ST-E9-A	CE02C
ST-E9-B	CEK03B
PENTHOUSE	
1000	C01AV
1010	C01L
1017	CK01C
1018	CK02
1019	H02
1019A	CK01A
ST-B-PH	CK01C
ST-E-PH	CK01C
CASED OPENING	
120A	07
407A	07
615A	07
815	07
818A-A	07
Alternate	
006	C01A
006A	C01A
006C	06
006D	06A
053	05A
055	C01A
124B	C01B

124C	C01B
124D	06A
124E	C01B
124F	C01B
124G	C01B
124H	C01B
200E1	08
200F-A	CE01D
200F-B	CE01D
248	C01S
249A	C01S
249B	C01S
249C	C01S
249D	C01S
249E	C01S
249F	C01S
249G	C01S
249H	C01S
249J	C01S
250	C01S
254A	01
254B	02
254C	01
254E	04
256	C01H
262A	C01S
262B	C01S
262C	C01S
262D	C01S
279D	C01S
279E	C01S
279F	C01S
279G	C01S
286	C01S
287	C01S
288	C01S
289	C01A
290	C01S
292	C01AN
300D2	08
300E-A	CE01D
300E-B	CE01D

351A	C01S
351B	C01S
351C	C01S
351D	C01S
353	C01S
354A	01
354B	02
354C	01
355A	C01S
355B	C01S
355C	C01S
355D	C01S
356	C01H
357	C01M
362A	C01S
362B	C01S
362C	C01S
362D	C01S
379E	C01S
379F	C01S
379G	C01S
384	C01S
386	C01S
387	C01S
388	C01S
389	C01S
392	C01S
400D2	08
400E-A	CE01D
400E-B	CE01D
404A	06
404B	06
404C	C01F
404D	06
404E	C01F
420-A	CE01
451A	C01S
451B	C01S
451C	C01S
451D	C01S
451E	C01S

451F	C01S
451G	C01S
451H	C01S
451J	C01S
454A	01
454B	02
454C	01
462A	C01S
462B	C01S
462C	C01S
462D	C01S
479D	C01S
479E	C01S
479F	C01S
479G	C01S
484	C01S
486	C01S
487	C01S
488	C01S
489	C01S
490	C01S
492	C01AN
500E1	08
500F-A	CE01D
500F-B	CE01D
547A	C01S
547B	C01S
547C	C01S
547D	C01S
549	C01S
551A	C01S
551B	C01S
551C	C01S
551D	C01S
554A	01
554B	02
554C	01
556	C01H
557	C01M
562A	C01S
562B	C01S

562C	C01S
562D	C01S
579E	C01S
579F	C01S
579G	C01S
584	C01S
586	C01S
587	C01S
588	C01S
589	C01S
592	C01AN
600F2	08
600G-A	CE01D
600G-B	CE01D
645A	C01S
645B	C01S
645C	C01S
645D	C01S
645E	C01S
645F	C01S
645G	C01S
645H	C01S
645J	C01S
654A	01
654C	01
654E	04
656	C01H
657	C01M
679D	C01S
679E	C01S
679F	C01S
679G	C01S
687	C01S
688	C01S
689	C01S
690	C01S
692	C01AN
701	C01AK
720	C01AA
801	05A
804	C01AK

805	C01AK
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806	C01AP
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3.9 DOOR TO HARDWARE SET TO RISER INDEX

Door	HW Set	Riser
Exterior		
000D	ACEK01	R08
100B-A	ACEK01B	R10
100B-B	A02D	R04
100D1	ACEK03	R11
100F	ACEK01A	R09
121	CEK05	R21
311-B	C01Z	R12
700B	DK01	R26
814F-B	C01AT	R12
832-B	C01AS	R12
914	C01AT	R12
1000	C01AV	R13
ST-B1-B	D01C	R25
ST-C1-C	D01	R25
XD100	C01C	R12
XD101	C01C	R12
XE200-A	CE01H	R18
XE200-B	CE01J	R18
LOWER BASEMENT		
016	C01L	R13
026B	CEK01A	R21
027	CEK02	R21
ST-B0	CE02	R18
BASEMENT		
000A	A02	R01
000B	C01N	R13A

000B1-A	C01F	R12A
000B1-B	C01AM	R13
001	C01A	R12
002	CEK03	R18
003	C01A	R12
004-A	CE01	R18
004-B	E01	R27
005-A	CE01	R18
005-B	E01	R27
006	C01A	R12
006A	C01A	R12
007	C01A	R12
008	C01A	R12
009A	C02	R16
009B	C02	R16
009C	C02	R16
009D	C02	R16
010-A	E01A	R27
010-B	CE01A	R18
013	C01J	R12A
014E	CK01A	R21
014F	CK01A	R21
017	C01A	R12
018	CEK01	R21
018A	C01F	R12A
019-A	H02	R30
019-B	H02	R30
020	D01A	R25
021	CK02	R13B
022	C01F	R12A
023	CEK01	R21

024	C01G	R12A
025	C01K	R13
026A	CEK01A	R21
030	C01AK	R14
031	C01AK	R14
032	C01A	R12
033	C01A	R12
036	C01E	R12A
037	C01A	R12
038A	E01	R27
038B	CE01	R18
039A	E01	R27
039-B	CE01	R18
040A	CE04	R20
040B	CE04	R20
041	C01F	R12A
042	C01E	R12A
054D	C01D	R12A
055	C01A	R12
056	C01H	R12
058	C01G	R12A
ST-C0-A	CEK06	R18
ST-C0-B	CEK06	R18
ST-D0	H01	R29
1ST FLOOR		
100A-A	A02B	R03
100A-B	A02C	R03A
100D-B	A03	R05
100E	A02A	R02
101-A	H02	R30
101-B	H02A	R30
101-C	C01D	R12A
101-E	C01E	R12A
101A	C01A	R12
102	CEK03	R18
103	C01M	R12
104	C01M	R12
109	CK01D	R12A
110	CK01A	R12A
111A	CE04A	R20

111B	CE04A	R20
112A	CE04A	R20
112B	CE04A	R20
113	C01J	R12A
114A	A01	R01
114C	A01	R01
114E	CK01A	R12A
114F	CK01A	R12A
115	C01B	R12
116-A	CE01	R18
116-B	E01	R27
117	C01A	R12
118-A	E01	R27
118-B	CE01	R18
120E	C01P	R12
120F	C01AX	R12A
120G	C01P	R12
120H	C01Q	R12A
120J	CK01B	R12
124-A	C01E	R12A
124-B	C01AL	R12
124B	C01B	R12
124C	C01B	R12
124E	C01B	R12
124F	C01B	R12
124G	C01B	R12
124H	C01B	R12
126-A	CE01	R18
126-B	E01	R27
128-A	CE01	R18
128-B	E01	R27
130-A	E01	R27
130-B	CE01	R18
132-A	E01	R27
132-B	CE01	R18
147	C01A	R12
149	C01A	R12
151	C01A	R12
153	C01A	R12
154D	CK01A	R12A
155	C01A	R12

156	C01H	R12
158	CEK03A	R18
ST-B1-A	H01	R29
ST-C1-A	H01	R29
ST-C1-B	H01	R29
ST-D1-A	H01	R29
ST-D1-B	D01E	R25
2ND FLOOR		
200E-A	CE01B	R19
200E-B	CE01G	R18
200F-A	CE01D	R18
200F-B	CE01D	R18
201-A	CE01C	R18
201-B	CE01C	R18
202	CEK03	R18
203	C03	R17
205	C03	R17
207	C03	R17
209	CK01A	R12A
210	CK01A	R12A
211A	CE04A	R20
211B	CE04	R20
212A	CE04	R20
212B	CE04	R20
212C	C01R	R13B
213	C01J	R12A
214A	A01	R01
214C	A01	R01
214E	CK01A	R12A
214F	CK01A	R12
216-A	CE01	R18
216-B	E01B	R27
218	CE01C	R18
219	H02	R30
220	CE01	R18
226	C01S	R14
227	C01S	R14
228	C01S	R14
229	C01S	R14
230	C01S	R14

231	C01S	R14
232	C01S	R14
235A	C01S	R14
235B	C01S	R14
235C	C01S	R14
235D	C01S	R14
235E	C01S	R14
235F	C01S	R14
236	C01S	R14
237	C01S	R14
238	C01S	R14
239	C01S	R14
240	C01S	R14
241A	C01S	R14
241B	C01S	R14
241C	C01S	R14
241D	C01S	R14
242	C01S	R14
244	C01S	R14
246	C01S	R14
247	C01S	R14
248	C01S	R14
249A	C01S	R14
249B	C01S	R14
249C	C01S	R14
249D	C01S	R14
249E	C01S	R14
249F	C01S	R14
249G	C01S	R14
249H	C01S	R14
249J	C01S	R14
250	C01S	R14
254D	CK01A	R12A
256	C01H	R12
257	C01B	R12
258	CEK03A	R18
262A	C01S	R14
262B	C01S	R14
262C	C01S	R14
262D	C01S	R14
262E	C01S	R14

262F	C01S	R14
262G	C01S	R14
268A	C01S	R14
268B	C01S	R14
268C	C01S	R14
268D	C01S	R14
268E	C01S	R14
269A	C01S	R14
269B	C01S	R14
269C	C01S	R14
269D	C01S	R14
269E	C01S	R14
274	C01S	R14
278	C01S	R14
279A	C01S	R14
279B	C01S	R14
279C	C01S	R14
279D	C01S	R14
279E	C01S	R14
279F	C01S	R14
279G	C01S	R14
286	C01S	R14
287	C01S	R14
288	C01S	R14
289	C01A	R12
290	C01S	R14
292	C01AN	R14
ST-B2	H01	R29
ST-C2-A	H01	R29
ST-D2	H01	R29
3RD FLOOR		
300A2-A	C01X	R13
300A2-B	C01Y	R15
300D-A	CE01B	R19
300D-B	CE01G	R18
300E-A	CE01D	R18
300E-B	CE01D	R18
301-A	CE01C	R18
301-B	CE01C	R18
302	CEK03A	R18

303	CE05	R21
303A	C01AY	R13
304A-A	CE05	R21
304B	CE05	R21
305-A	CE01E	R18
306	C01K	R13
306C	C01AAA	R12
306D	C01AZ	R13B
307-A	CE05	R21
307-B	CE01E	R18
308A-A	CE05	R21
308B	CE05	R21
309	CK01A	R12A
310	CK01A	R12A
313	C01J	R12A
314E	CK01A	R12A
314F	CK01A	R12
316-A	CE01	R18
316-B	E02	R28
317	C01AAB	R13B
319	H02	R30
320-A	E01	R27
320-B	CE05A	R21
323	C01AN	R14
325	C01S	R14
326	C01A	R12
327	C01S	R14
329	C01S	R14
330	C01S	R14
331	C01S	R14
332	C01S	R14
335A	C01S	R14
335B	C01S	R14
335C	C01S	R14
335D	C01S	R14
335E	C01S	R14
335F	C01S	R14
336	C01S	R14
338	C01S	R14
340	C01S	R14
341	C01S	R14

342	C01S	R14
344	C01S	R14
345A	C01S	R14
345B	C01S	R14
345C	C01S	R14
345D	C01S	R14
345E	C01S	R14
346	C01S	R14
348	C01S	R14
349	C01S	R14
350	C01S	R14
351A	C01S	R14
351B	C01S	R14
351C	C01S	R14
351D	C01S	R14
353	C01S	R14
354D	CK01A	R12A
355A	C01S	R14
355B	C01S	R14
355C	C01S	R14
355D	C01S	R14
356	C01H	R12
357	C01M	R12
358	CEK03A	R18
362A	C01S	R14
362B	C01S	R14
362C	C01S	R14
362D	C01S	R14
362E	C01S	R14
362F	C01S	R14
362G	C01S	R14
368A	C01S	R14
368B	C01S	R14
368C	C01S	R14
368D	C01S	R14
369A	C01S	R14
369B	C01S	R14
369C	C01S	R14
369D	C01S	R14
373	C01A	R12
374	C01S	R14

378	C01S	R14
379A	C01S	R14
379B	C01S	R14
379C	C01S	R14
379D	C01S	R14
379E	C01S	R14
379F	C01S	R14
379G	C01S	R14
384	C01S	R14
386	C01S	R14
387	C01S	R14
388	C01S	R14
389	C01S	R14
392	C01S	R14
ST-B3	CEK06A	R18A
ST-C3-A	H01	R29
ST-D3	H01	R29
4TH FLOOR		
400D-A	CE01B	R19
400D-B	CE01G	R18
400E-A	CE01D	R18
400E-B	CE01D	R18
401-A	CE01C	R18
401-B	CE01C	R18
402	CEK03A	R18
403	C01A	R12
404	C01AA	R12A
404C	C01F	R12A
404E	C01F	R12A
405-A	C01G	R12A
405A-A	D01B	R25
405A-B	D01B	R25
405D	C01M	R12
405E-B	C01A	R12
405F-B	C01A	R12
405G-B	C01A	R12
405H-B	C01A	R12
405J-B	C01A	R12
405K	C01M	R12
405L-A	C01A	R12

405L-B	C01F	R12A
406	CE05	R21
406A-A	C01L	R13
406A-B	C01L	R13
407-A	C01AB	R13
407-B	C01AB	R13
407B-A	CE05A	R21
407B-B	E01	R27
407C	C01AAB	R13B
407D	C01AAB	R13B
407E	C01H	R12
407F	C01H	R12
407G	C01H	R12
408-A	CE05	R21
408A-A	C01L	R13
408A-B	C01A	R12
408A-C	C01A	R12
409	CK01A	R12A
410	CK01A	R12
413	C01J	R12A
414E	CK01A	R12A
414F	CK01A	R12A
415	C01A	R12
416	C01A	R12
417	C01AD	R13
418	C01AD	R13
418A-A	C01AE	R13
418A-B	C01AF	R15
419	H02	R30
420-A	CE01	R18
420-B	E01B	R27
420A	C01AG	R13B
425	C01AN	R14
426	C01A	R12
427	C01S	R14
428	C01S	R14
429	C01S	R14
430	C01S	R14
431	C01S	R14
432	C01S	R14
435A	C01S	R14

435B	C01S	R14
435C	C01S	R14
435D	C01S	R14
435E	C01S	R14
435F	C01S	R14
436	C01S	R14
438	C01S	R14
439	C01S	R14
440	C01S	R14
442	C01S	R14
443A	C01S	R14
443B	C01S	R14
443C	C01S	R14
443D	C01S	R14
444	C01S	R14
446	C01S	R14
447	C01S	R14
451A	C01S	R14
451B	C01S	R14
451C	C01S	R14
451D	C01S	R14
451E	C01S	R14
451F	C01S	R14
451G	C01S	R14
451H	C01S	R14
451J	C01S	R14
454D	CK01A	R12A
456	C01H	R12
457	C01M	R12
458	CEK03A	R18
462A	C01S	R14
462B	C01S	R14
462C	C01S	R14
462D	C01S	R14
462E	C01S	R14
462F	C01S	R14
462G	C01S	R14
468A	C01S	R14
468B	C01S	R14
468C	C01S	R14
468D	C01S	R14

469A	C01S	R14
469B	C01S	R14
469C	C01S	R14
469D	C01S	R14
471	C01A	R12
479A	C01S	R14
479B	C01S	R14
479C	C01S	R14
479D	C01S	R14
479E	C01S	R14
479F	C01S	R14
479G	C01S	R14
484	C01S	R14
486	C01S	R14
487	C01S	R14
488	C01S	R14
489	C01S	R14
490	C01S	R14
492	C01AN	R14
ST-B4	H01	R29
ST-C4-A	H01	R29
ST-D4	H01	R29
5TH FLOOR		
500A2	C01AAC	R13B
500A3	C01AAC	R13B
500E-A	CE01B	R19
500E-B	CE01G	R18
500F-A	CE01D	R18
500F-B	CE01D	R18
501-A	CE01C	R18
501-B	CE01C	R18
502	CEK03	R18
503-A	C01K	R13
503-B	C01D	R12A
503A	C01A	R12
503B	C01A	R12
503C	C01A	R12
503D	C01A	R12
504	C01AAH	R13B
505	C01AAH	R13B

506	C01AAH	R13B
506B1	C01AAC	R13B
507A	C01AAH	R13B
507B	C01AAH	R13B
509	CK01A	R12A
510	CK01A	R12A
513	C01H	R12
514E	CK01A	R12A
514F	CK01A	R12A
518	C01F	R12A
518A	C01S	R14
518B	C01S	R14
518C	C01S	R14
518D	C01S	R14
518E	C01S	R14
518F	C01S	R14
518G	C01S	R14
518H	C01S	R14
518J	C01S	R14
518K	C01S	R14
518M	C01S	R14
518N	C01S	R14
518P	C01S	R14
518Q	C01S	R14
518R	C01S	R14
518S	C01S	R14
518T	C01S	R14
518U	C01S	R14
518V	C01S	R14
518W	C01S	R14
518X	C01S	R14
519	H02	R30
526	C01AAD	R12B
526-B	C01A	R12
527	C01S	R14
528	C01A	R12
529	C01S	R14
535A	C01S	R14
535B	C01S	R14
535C	C01S	R14
535D	C01S	R14

535E	C01S	R14
535F	C01S	R14
536A	C01S	R14
536B	C01S	R14
537	C01S	R14
538	C01S	R14
540	C01S	R14
541A	C01S	R14
541B	C01S	R14
541C	C01S	R14
541D	C01S	R14
541E	C01S	R14
542A	C01S	R14
542B	C01S	R14
542C	C01S	R14
545	C01S	R14
547A	C01S	R14
547B	C01S	R14
547C	C01S	R14
547D	C01S	R14
549	C01S	R14
551A	C01S	R14
551B	C01S	R14
551C	C01S	R14
551D	C01S	R14
554D	CK01A	R12A
556	C01H	R12
557	C01M	R12
558	CEK03A	R18
562A	C01S	R14
562B	C01S	R14
562C	C01S	R14
562D	C01S	R14
562E	C01S	R14
562F	C01S	R14
562G	C01S	R14
568A	C01S	R14
568B	C01S	R14
568C	C01S	R14
568D	C01S	R14
569A	C01S	R14

569B	C01S	R14
569C	C01S	R14
569D	C01S	R14
569E	C01A	R12
579A	C01S	R14
579B	C01S	R14
579C	C01S	R14
579D	C01S	R14
579E	C01S	R14
579F	C01S	R14
579G	C01S	R14
584	C01S	R14
586	C01S	R14
587	C01S	R14
588	C01S	R14
589	C01S	R14
592	C01AN	R14
ST-B5	H01	R29
ST-C5-A	H01	R29
ST-D5	H01	R29
6TH FLOOR		
600B1	C01F	R12A
600B-A	CE03	R18
600B-B	CE06	R22
600B-C	CE03	R18
600B-D	CE03	R18
600B-E	CE03	R18
600C-A	CE01G	R18
600C-B	CE03	R18
600C-C	CE03	R18
600F-A	CE01B	R19
600F-B	CE01G	R18
600G-A	CE01D	R18
600G-B	CE01D	R18
601-A	CE01C	R18
601-B	CE01C	R18
602	CEK03A	R18
603	C01A	R12
603A	C01B	R12
603B-A	C01A	R12

603B-B	C01A	R12
604	C01G	R12A
605A-A	CE01	R18
605B-A	CE01	R18
605B-B	CE05A	R21
606-A	C01M	R12
606-B	C01A	R12
606A-B	C01A	R12
606B-A	C01A	R12
606C-B	C01A	R12
606D-A	C01A	R12
606E-B	C01A	R12
606F-A	C01A	R12
606G	C01P	R12
606H-A	C01A	R12
606J-B	C01A	R12
606K-A	C01A	R12
606L-B	C01A	R12
606M-A	C01A	R12
606N-B	C01A	R12
606P-A	C01A	R12
606Q-B	C01A	R12
607A-B	C01A	R12
607B-A	C01A	R12
607C-B	C01A	R12
607D-A	C01A	R12
607E-B	C01A	R12
607F-A	C01A	R12
607G-B	C01A	R12
607H-A	C01A	R12
607J-B	C01A	R12
607K-A	C01A	R12
607L-B	C01A	R12
607M-A	C01A	R12
607N-B	C01A	R12
607P-A	C01A	R12
607Q-B	C01A	R12
607R-A	C01A	R12
608B-A	C01A	R12
608C-A	C01A	R12
608D-A	C01A	R12

608E-A	C01A	R12
608F-A	C01A	R12
608G-A	C01A	R12
608H	C01A	R12
609	CK01A	R12A
610	CK01A	R12A
611	C01AAE	R12
613	C01J	R12A
614E	CK01A	R12A
614F	CK01A	R12A
615-A	C01AJ	R13
616	C01D	R12A
616B	C01S	R14
616C	C01S	R14
616D	C01S	R14
616E	C01S	R14
616F	C01S	R14
616G	C01A	R12
616H	C01S	R14
616J	C01S	R14
616K	C01S	R14
619-A	H02	R30
619-B	CEK04	R24
620	C01F	R12A
620B	C01A	R12
620C-B	C01A	R12
620D	C01S	R14
620E	C01S	R14
620F	C01S	R14
620G	C01M	R12
626-A	C01AAD	R12B
626-B	C01M	R12
627	C01S	R14
629	C01S	R14
630	C01S	R14
631	C01S	R14
632	C01S	R14
635A	C01S	R14
635B	C01S	R14
635C	C01S	R14
635D	C01S	R14

635E	C01S	R14
635F	C01S	R14
635G	C01S	R14
635H	C01S	R14
635J	C01S	R14
635K	C01S	R14
635L	C01S	R14
636	C01S	R14
638	C01S	R14
641	C01S	R14
645A	C01S	R14
645B	C01S	R14
645C	C01S	R14
645D	C01S	R14
645E	C01S	R14
645F	C01S	R14
645G	C01S	R14
645H	C01S	R14
645J	C01S	R14
654D	CK01A	R12A
656	C01H	R12
657	C01M	R12
658	CEK03A	R18
662A	C01S	R14
662B	C01S	R14
662C	C01S	R14
662D	C01S	R14
662E	C01S	R14
662F	C01S	R14
662G	C01S	R14
668A	C01S	R14
668B	C01S	R14
668C	C01S	R14
669A	C01S	R14
669B	C01S	R14
669C	C01S	R14
669D	C01S	R14
669E	C01A	R12
679A	C01S	R14
679B	C01S	R14
679C	C01S	R14

679D	C01S	R14
679E	C01S	R14
679F	C01S	R14
679G	C01S	R14
687	C01S	R14
688	C01S	R14
689	C01S	R14
690	C01S	R14
692	C01AN	R14
ST-B6	CEK06A	R18A
ST-C6-A	H01	R29
ST-D6	H01	R29
7TH FLOOR		
700A2	C01M	R12
700C-A	CE04	R20
700C-B	CE06A	R22A
700D-A	C01AL	R12
700D-B	CE01D	R18
700E-A	CE01D	R18
700E-B	CE01D	R18
701	C01AK	R14
702	CEK03A	R18
703C	C01M	R12
703D	C01F	R12A
703G	C01AK	R14
703H	C01AK	R14
703J	C01AK	R14
704B	C01AK	R14
704C	C01M	R12
704D	C01AAF	R12
704F	C01AK	R14
704H	C01K	R13
704J	C01M	R12
704L	C01AK	R14
705-A	C01W	R13
705-B	C01W	R13
706A	C01AK	R14
706C	C01AK	R14
706D	C01M	R12
706E	C01AK	R14

706G	C01AK	R14
706J	C01M	R12
706L	C01G	R12A
706M	C01S	R14
706N	C01S	R14
707	C01A	R12
708	CK01A	R12A
709	CK01A	R12A
710	CK01A	R12A
712A	C01AK	R14
712B	C01AK	R14
712C	C01AK	R14
712D	C01AK	R14
712E	C01AK	R14
712F	C01AK	R14
712G	C01AK	R14
712H	C01AK	R14
712J	C01AK	R14
712K	C01AK	R14
712L	C01AK	R14
712M	C01AK	R14
712N	C01AK	R14
712P	C01AK	R14
713	C01J	R12A
714E	CK01A	R14
714F	CK01A	R14
719	CEK04	R24
720	C01AA	R12A
736	C01G	R12A
737	C01AK	R14
738	C01G	R12A
739	C01AK	R14
740	C01G	R12A
742	C01G	R12A
744	C01G	R12A
746	C01G	R12A
748	C01G	R12A
749	C01AK	R14
750	C01G	R12A
751	C01AK	R14
753	C01AK	R14

754D	CK01A	R12A
755	C01AK	R14
756	C01H	R12
757	C01AK	R14
758	CEK03A	R18
761	C01AK	R14
763	C01AK	R14
765	CK01C	R12A
ST-B7	CEK06A	R18A
ST-C7-A	H01	R29
ST-C7-B	H01	R29
ST-D7	H01	R29
8TH FLOOR		
800A-A	CE06B	R22B
800A-B	CE05A	R21
800B2-A	C01W	R13
800B2-B	C01W	R13
802	CEK03A	R18
803	C01AQ	R13
804	C01AK	R14
805	C01AK	R14
806	C01AP	R13
807-A	CE05B	R21
807-B	CE05B	R21
809	CK01A	R12A
810	CK01A	R12A
811A	C01AK	R14
811C	C01A	R12
811D	C01AK	R14
811E	C01A	R12
811G	C01AK	R14
811J	C01A	R12
811K	C01AK	R14
811L	C01A	R12
811N	C01A	R12
811Q	C01A	R12
811S-A	C01M	R12
811S-B	C01A	R12
812A	C01AAF	R12
812C	C01AK	R14

812D	C01M	R12
812E	C01AAH	R13B
812G	C01AAE	R12
812J	C01AK	R14
812K	C01M	R12
812L	C01AK	R14
812N	C01M	R12
813	C01AH	R12
814F-A	C01AH	R12
814G	CK01A	R12A
814H	CK01A	R12A
816-A	C01G	R12A
816-B	C01G	R12A
816A	C01S	R14
816B	C01S	R14
816C	C01S	R14
816D	C01S	R14
816E	C01S	R14
816F	C01S	R14
816G	C01S	R14
816H	C01S	R14
816J	C01S	R14
816K	C01S	R14
818-A	CE05	R21
818-B	CE05	R21
818A-B	C01M	R12
818B	C01AR	R13B
819-A	H02	R30
819-B	CEK04	R24
832-A	C01AD	R13
ST-B8	CEK06A	R18A
ST-C8-B	H01	R29
ST-D8	C01AH	R12
9TH FLOOR		
900A	CE06C	R22C
900B1	C01P	R12
900B2	C01P	R12
900C	CE06D	R23
901-A	CE02B	R18
901-B	CE05	R21

902	CEK03A	R18
903	C01A	R12
904	C01A	R12
905	C01A	R12
906	C01AAG	R13B
907	C01AK	R14
909	CK01A	R12A
910	CK01A	R12A
911	C01M	R12
911A	C01S	R14
911B	C01S	R14
911C	C01S	R14
912A-A	ACE01	R07
912A-B	ACE01	R07A
912A-C	C01G	R12A
912-A	CE04A	R20
912-B	CE05	R21
912B	C01AAE	R12
912C	ACE01A	R07A
912D	AC01	R06
912E	AC01	R06A
913	C01AH	R12
914D	CK01A	R12A
914E	CK01A	R12A
915-A	CE01	R18
915-B	E01	R27
916	CK01C	R12A
917-A	E02	R28
917-B	CE02	R18
918	C01AAF	R12
919-A	H02	R30
919-B	ACEK02	R07A
920	C01A	R12
ST-B9	CEK03A	R18
ST-C9-B	H01	R29
ST-E9-A	CE02C	R18
ST-E9-B	CEK03B	R18A
PENTHOUSE		
1000	C01AV	R13
1010	C01L	R13

1017	CK01C	R12A
1018	CK02	R13B
1019	H02	R30

1019A	CK01A	R12A
ST-B-PH	CK01C	R12A
ST-E-PH	CK01C	R12A

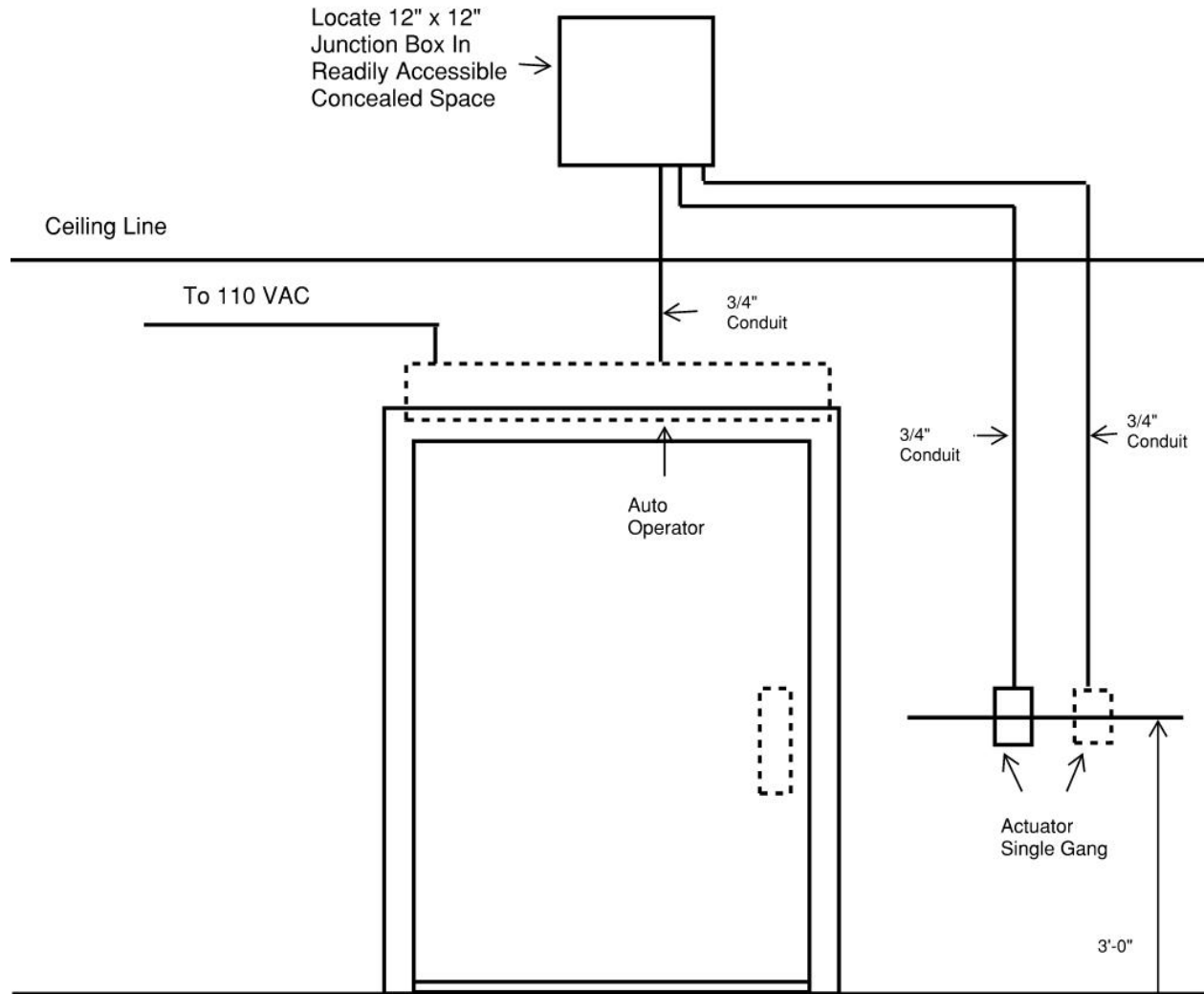
3.10 Riser Diagrams

General Notes

1. Detail drawings are “Typical”. Verify actual handing and device locations in the field. Coordinate exact mounting heights and locations with architectural elevations, new work, and all trades. Coordinate all work with door hardware, door frames, door structures, and owners’ security representative. Field-verify all dimensions.
2. Electrical contractor to supply one junction box per opening as indicated on Riser Diagrams, with keyed cylinder and keys and one terminal strip block with 20 slots for terminations. Basis of Design or approved equal:
 - A. 12” x 12” x 4” Keyed Junction Box – Arlington Model EB1212-1 x EBL1-1.
 - B. Terminal Strip Block – Fielect TD-2020.
3. Electrical Contractor to provide code-compliant wire pathway (in conduit if required) from nearest Security Systems Distribution Panel to access controlled doors. Provide network drops and fire alarm connections in quantity required at SSDP location to support access controllers and the release of fail-safe locking devices if required. Provide plenum wire as/if required.
4. Electrical contractor to provide conduit from door junction boxes located in readily accessible concealed spaces to door devices per these riser diagrams. Connect conduits into door frame electrical preps as frame is installed. Where door frame is to be grouted, seal raceways and jamb preps to prevent grout from entering. Conduit runs may be combined, provided maximum fill is not exceeded.
5. Where door devices are wall-mounted, provide flush, gang deep back-boxes. Where door devices are frame mounted, connect to frame electrical preps.
6. Verify doors and frames have been prepped per specifications prior to their installation.
7. Cable types listed are for reference only and represent minimum requirements.
8. The contractor shall verify all dimensions and site conditions, new and existing, prior to the submission of a bid. Submission of a bid indicates that the contractor is fully aware of all conditions

and will perform the installation indicated on the drawings as described in the specifications without request for additional charges.

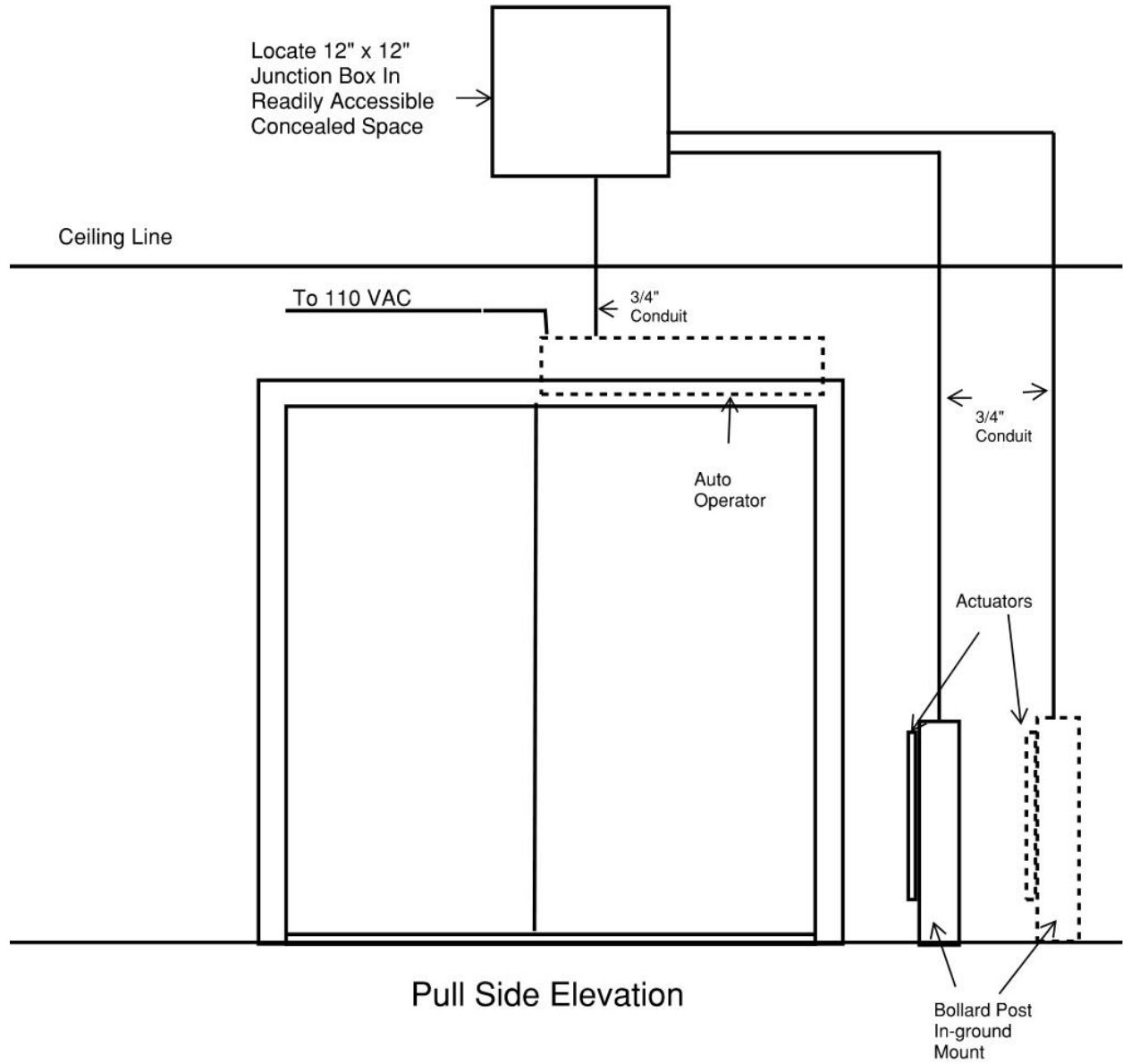
Riser No. R01



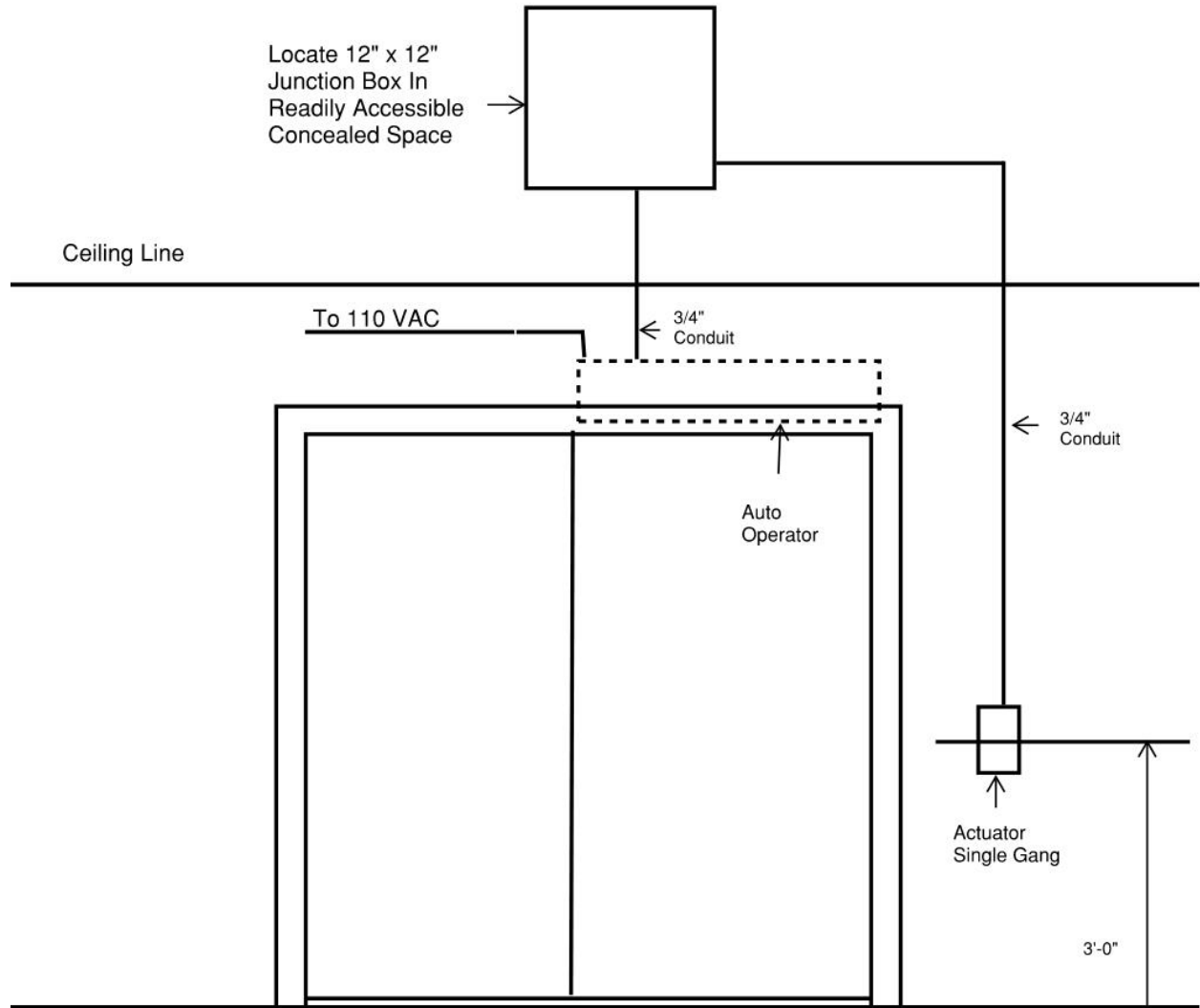
Pull Side Elevation

Note: Refer to floor plans for
Door Handing

Riser No. R02

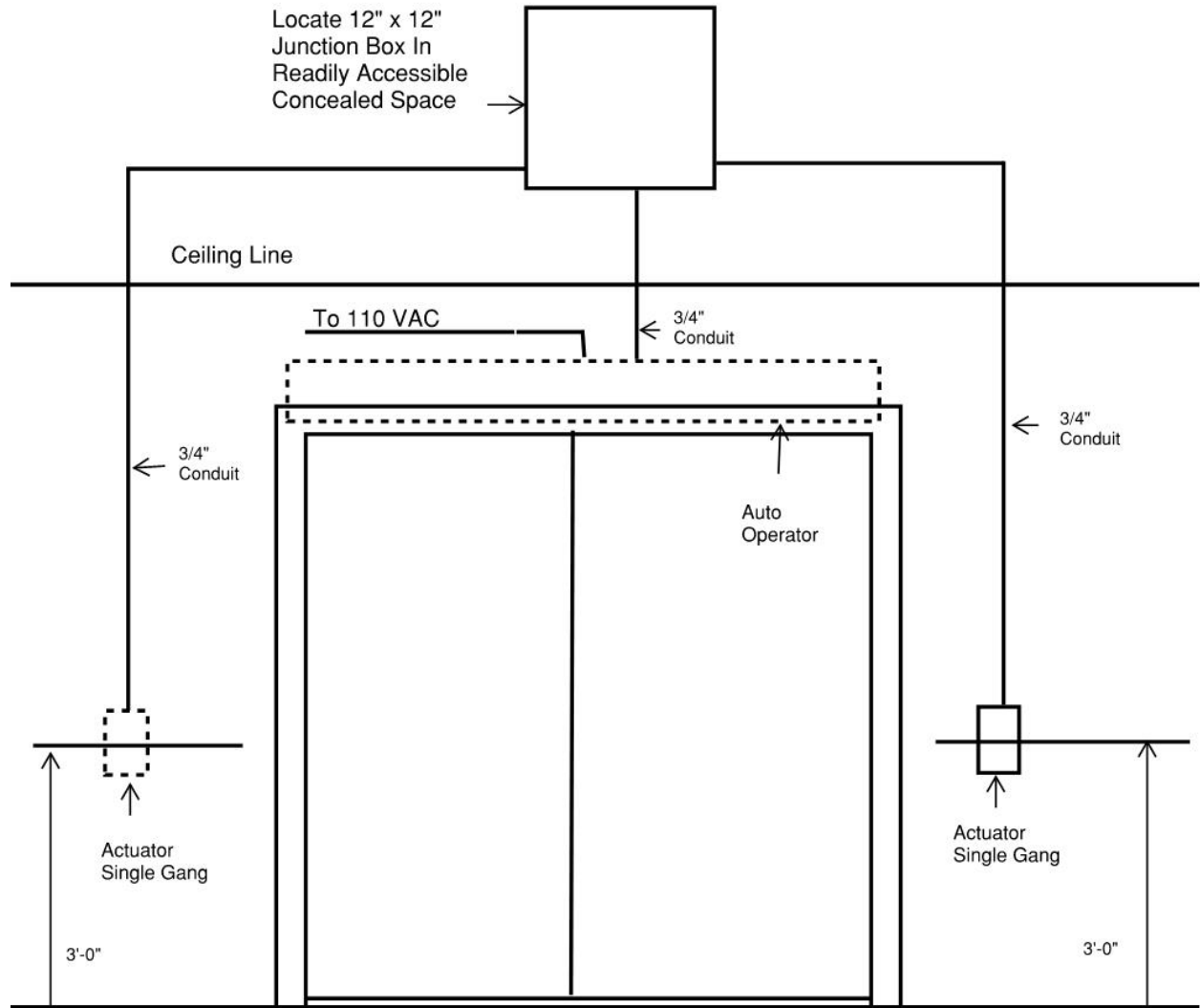


Riser No. R03



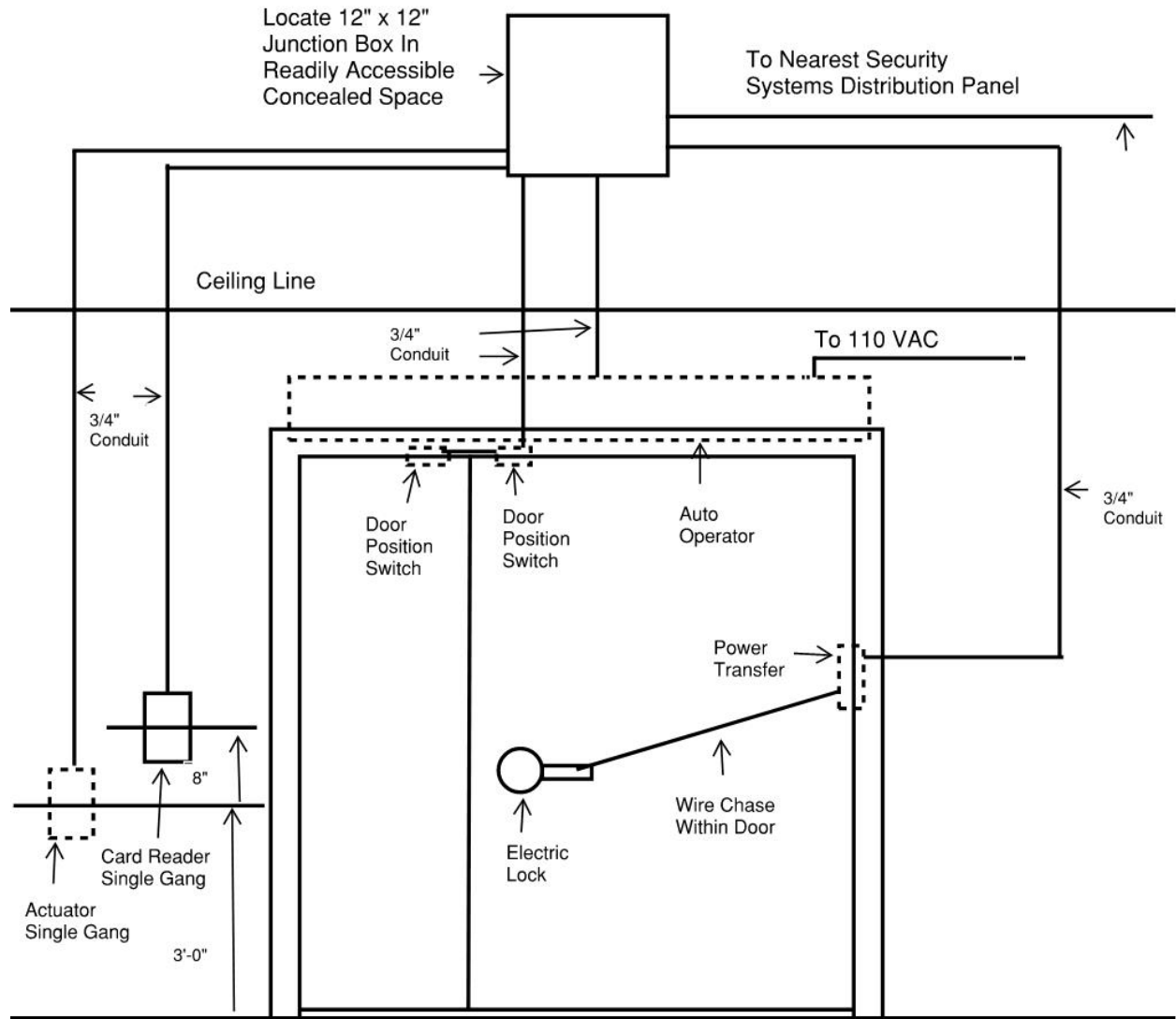
Pull Side Elevation

Riser No. R05



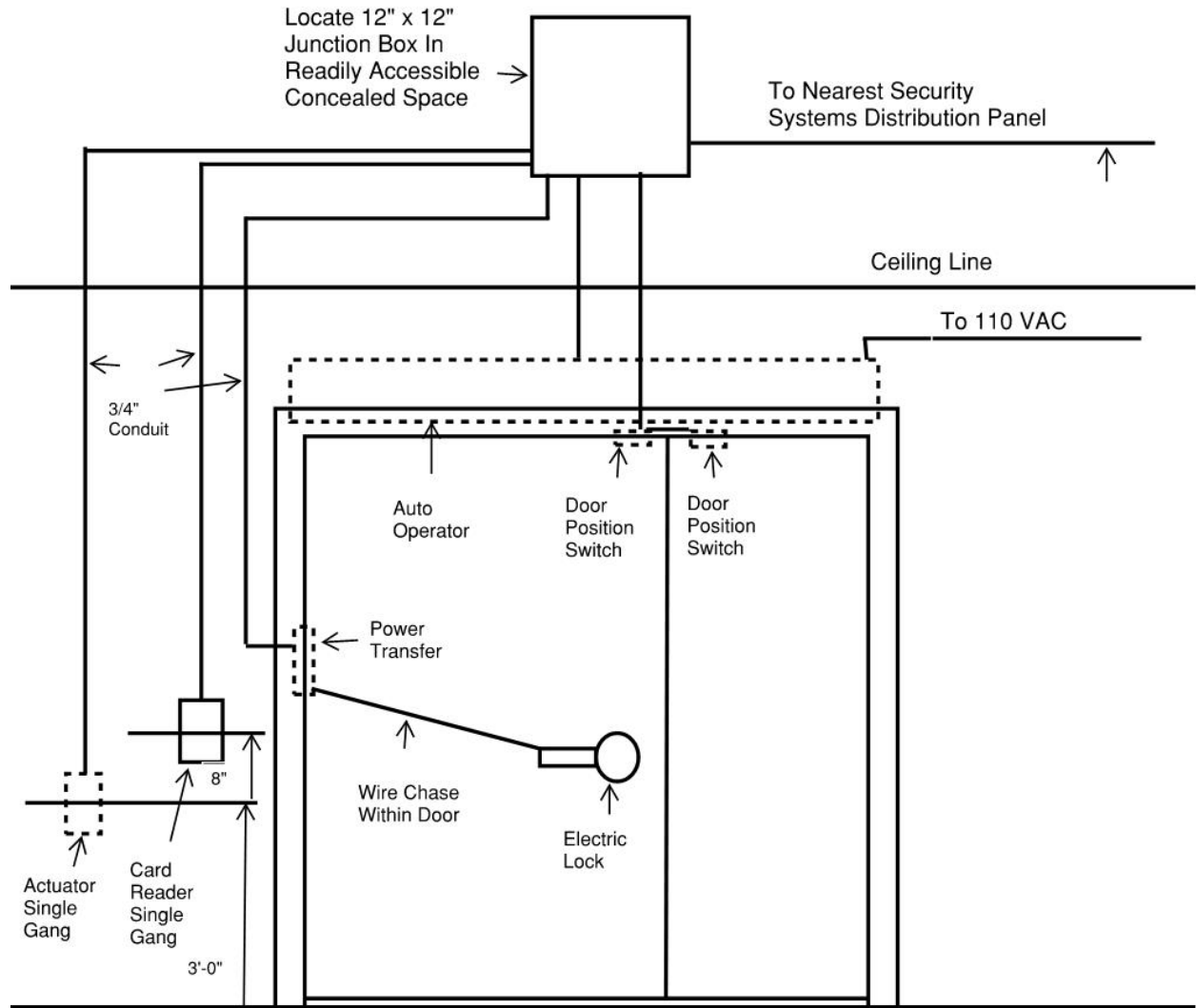
Pull Side Elevation

Riser No. R06



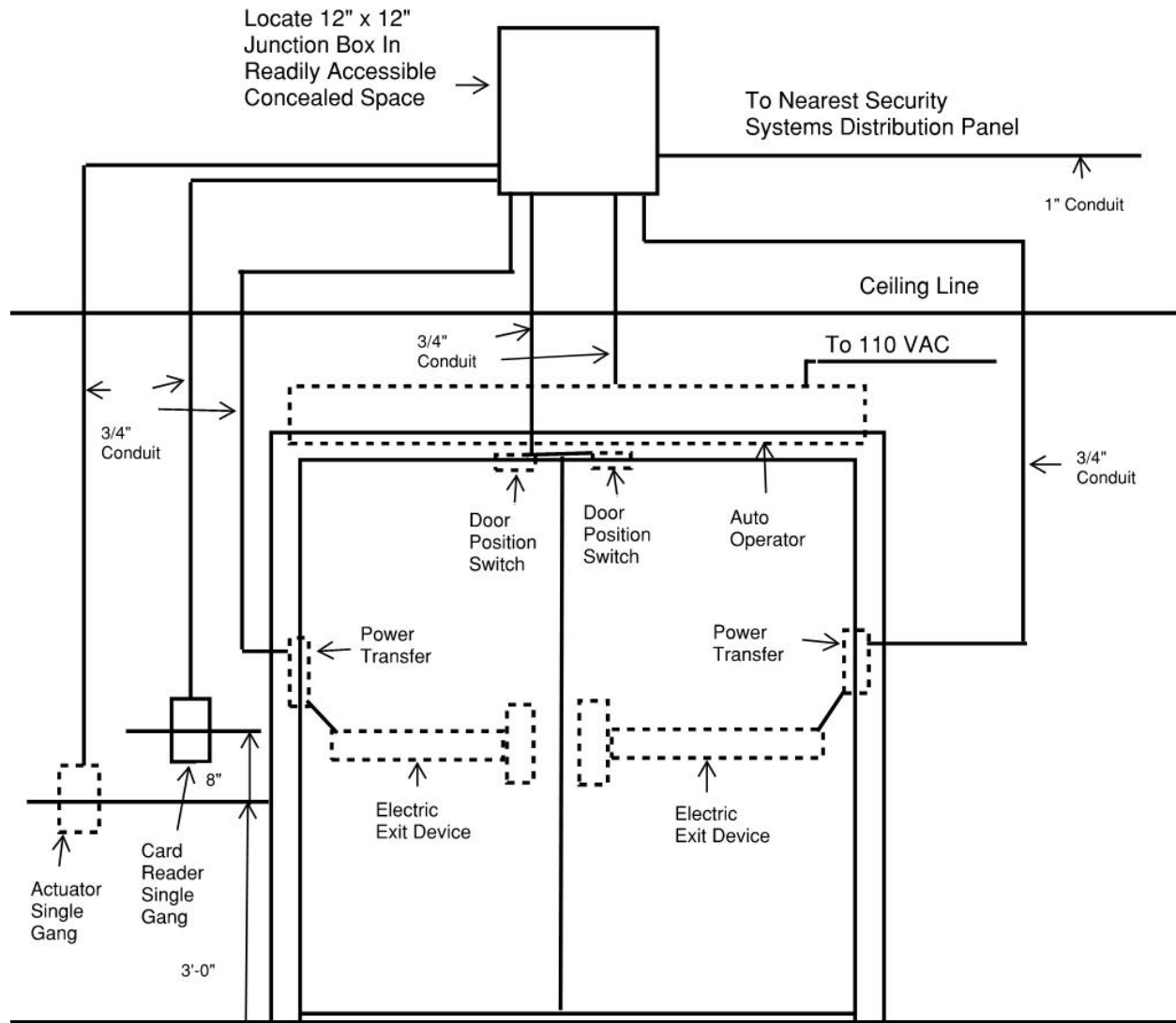
Push Side Elevation

Riser No. R06A



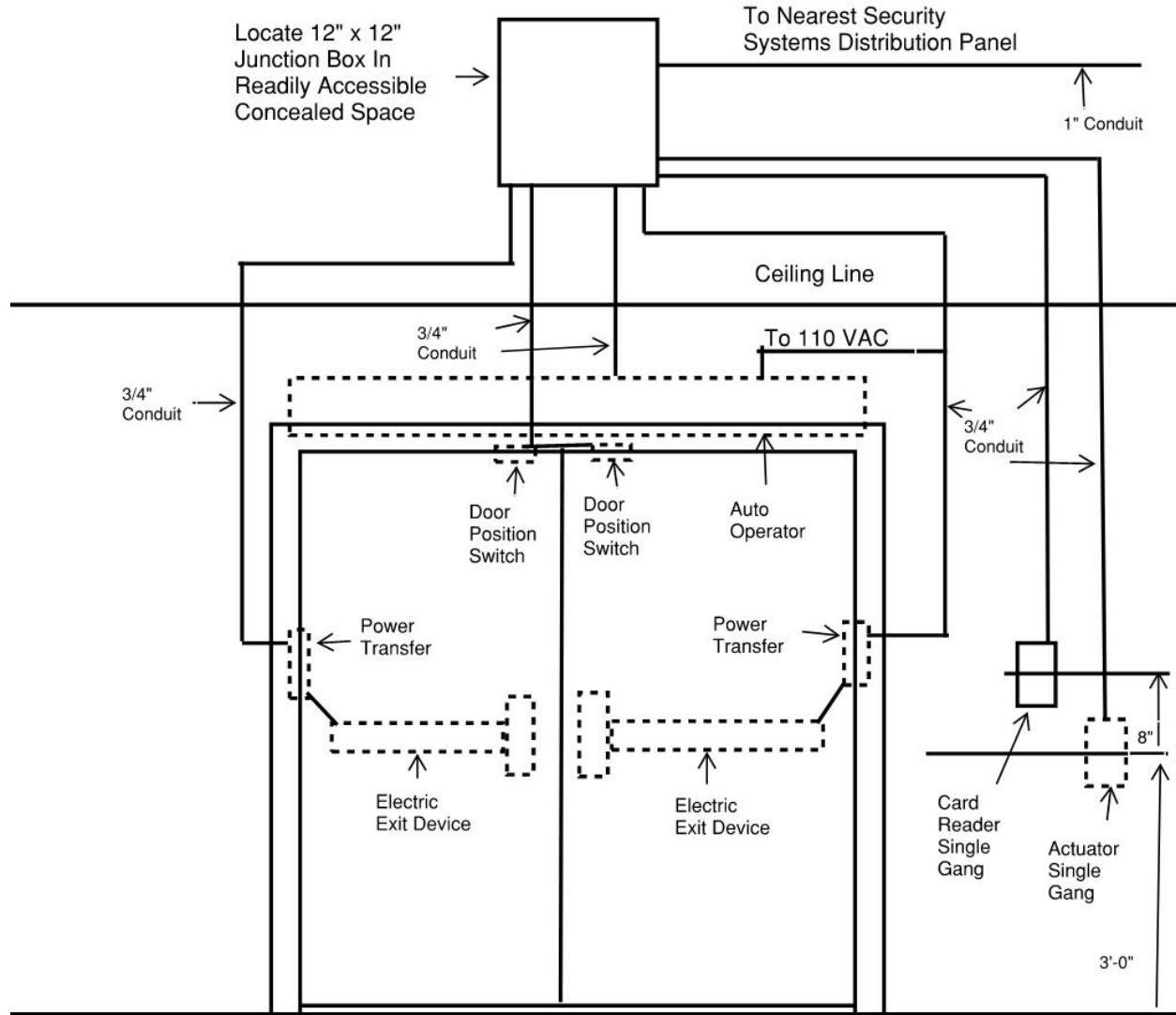
Pull Side Elevation

Riser No. R07



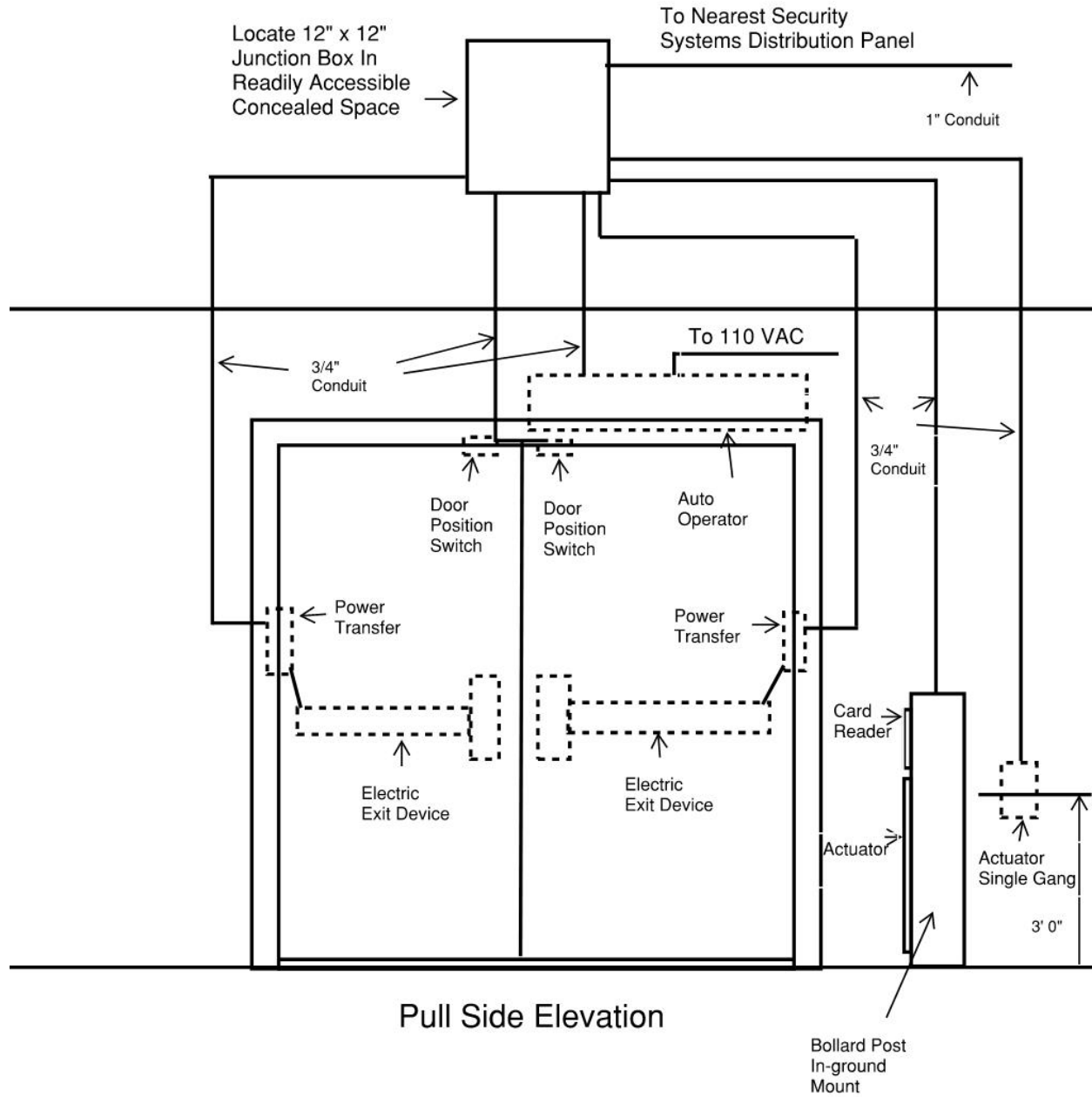
Pull Side Elevation

Riser No. R07A

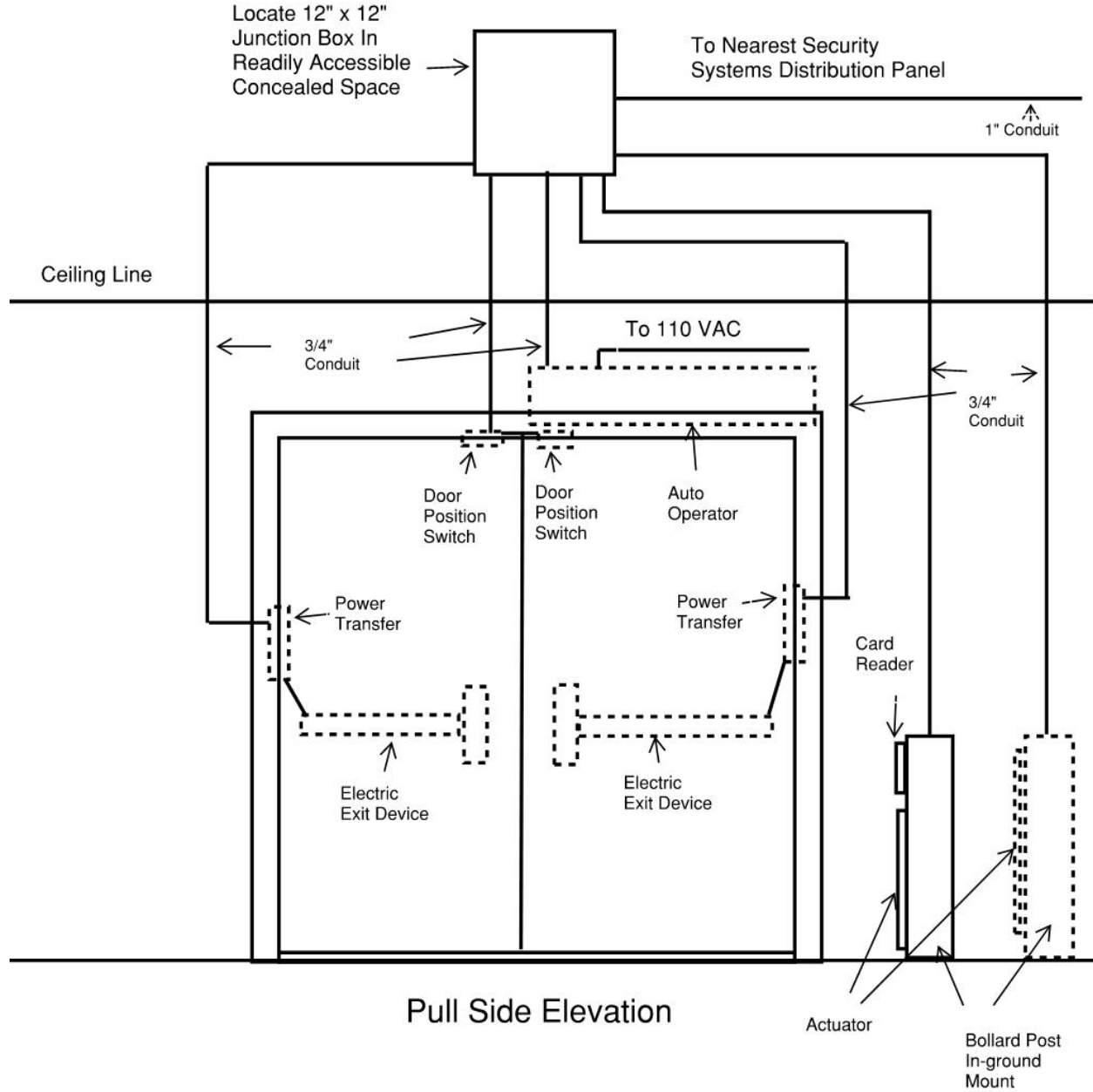


Pull Side Elevation

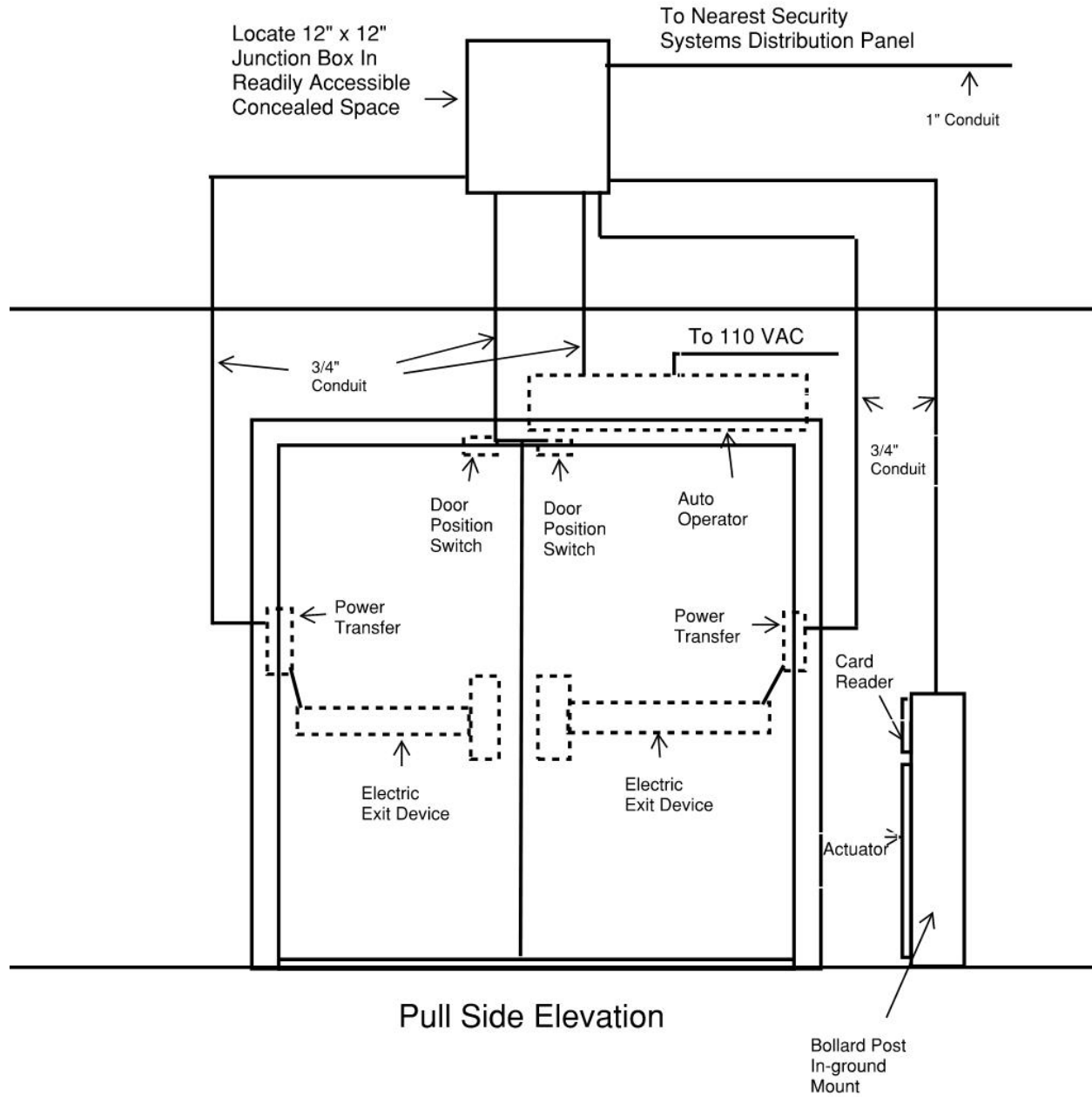
Riser No. R08



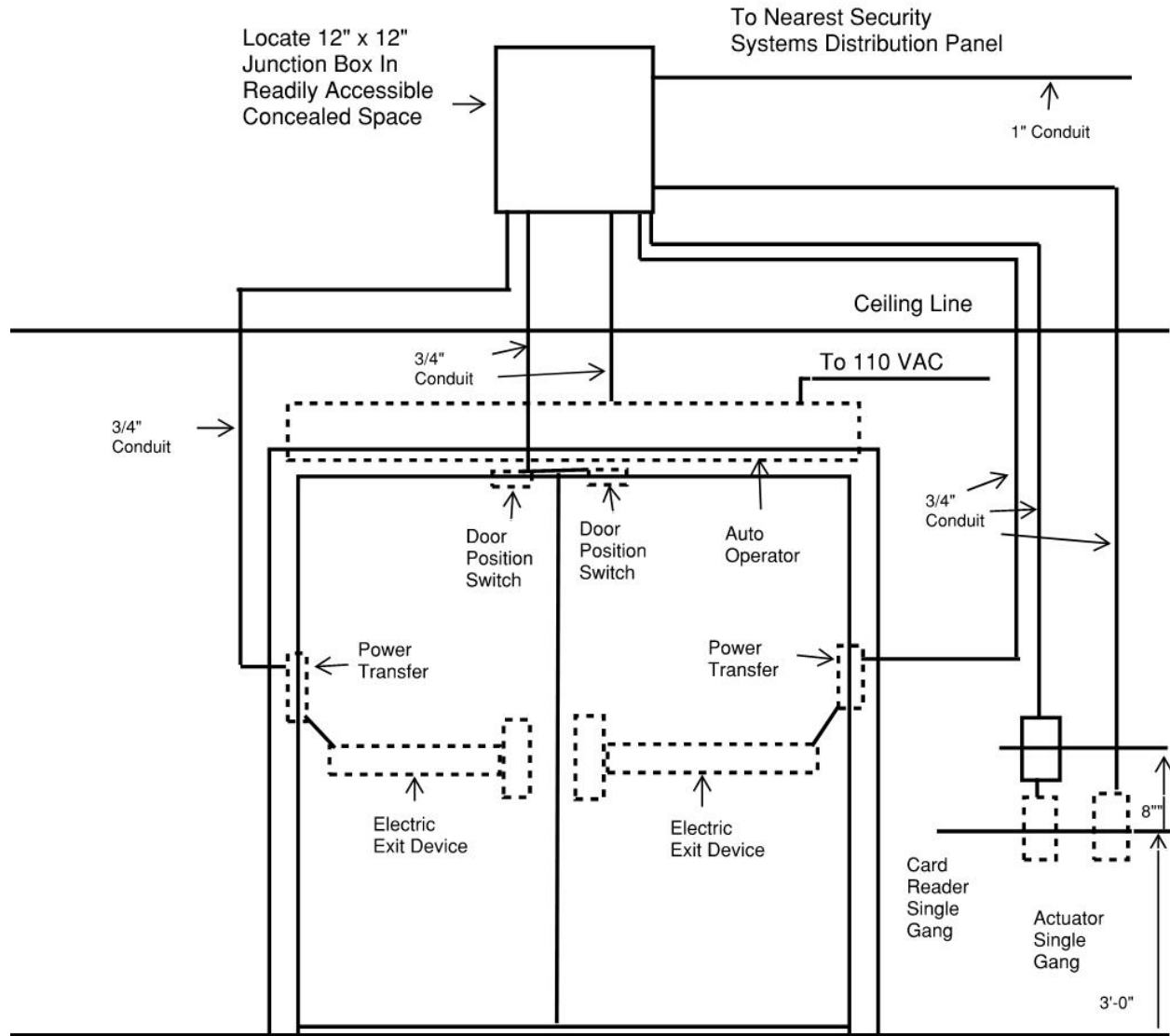
Riser No. R09



Riser No. R10

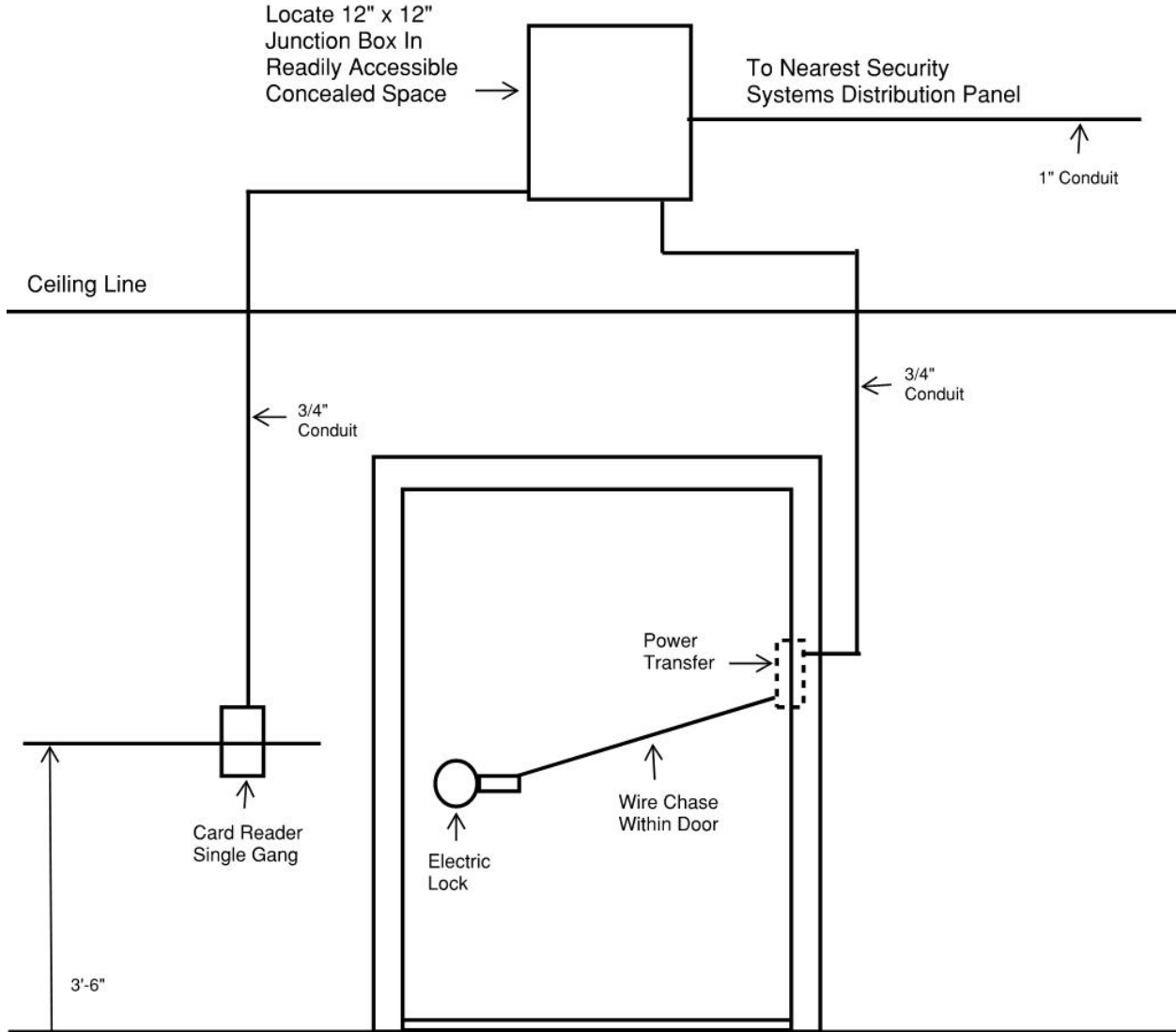


Riser No. R11



Pull Side Elevation

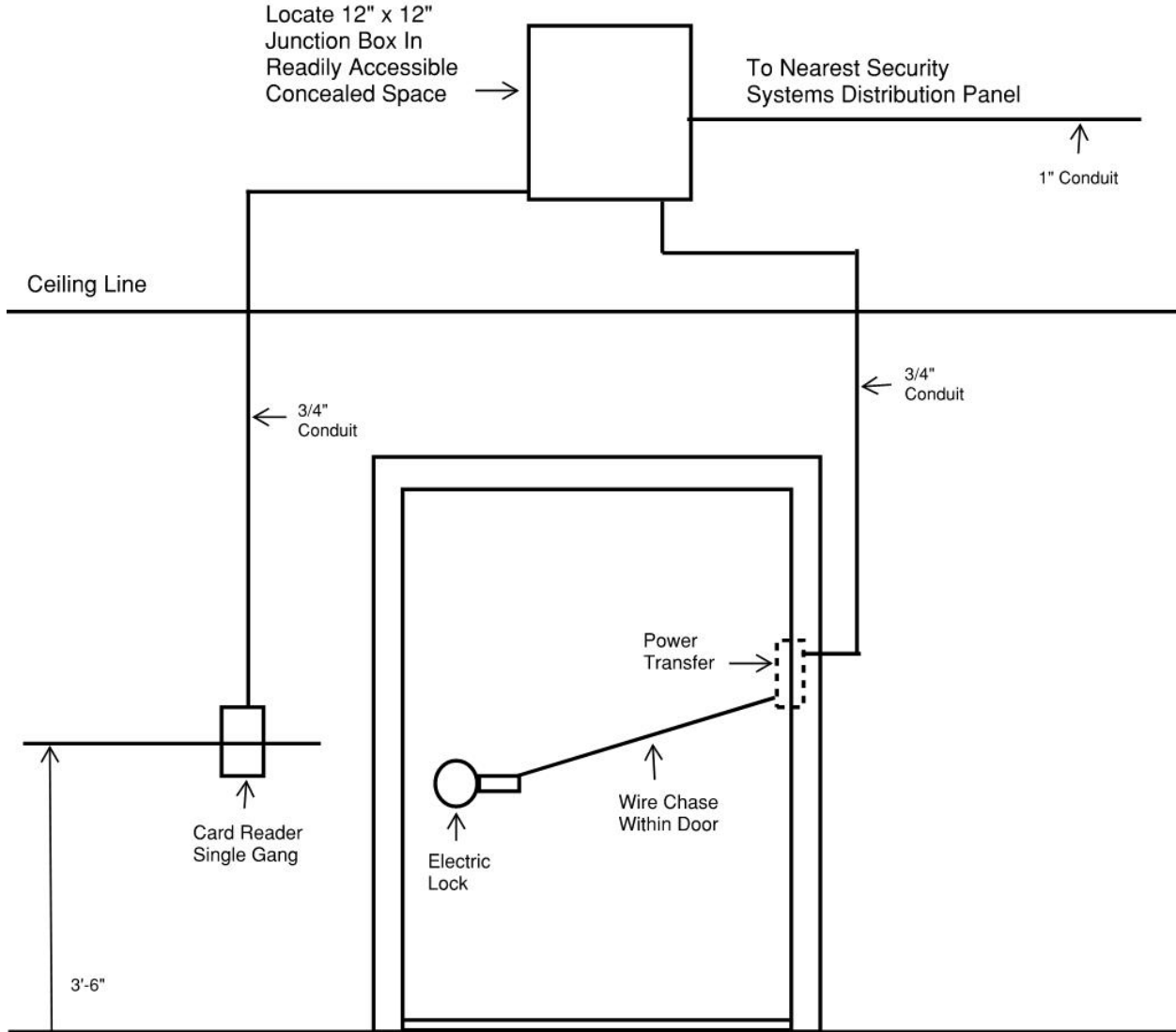
Riser No. R12



Push Side Elevation

Note: Refer to floor plans for Door Handing

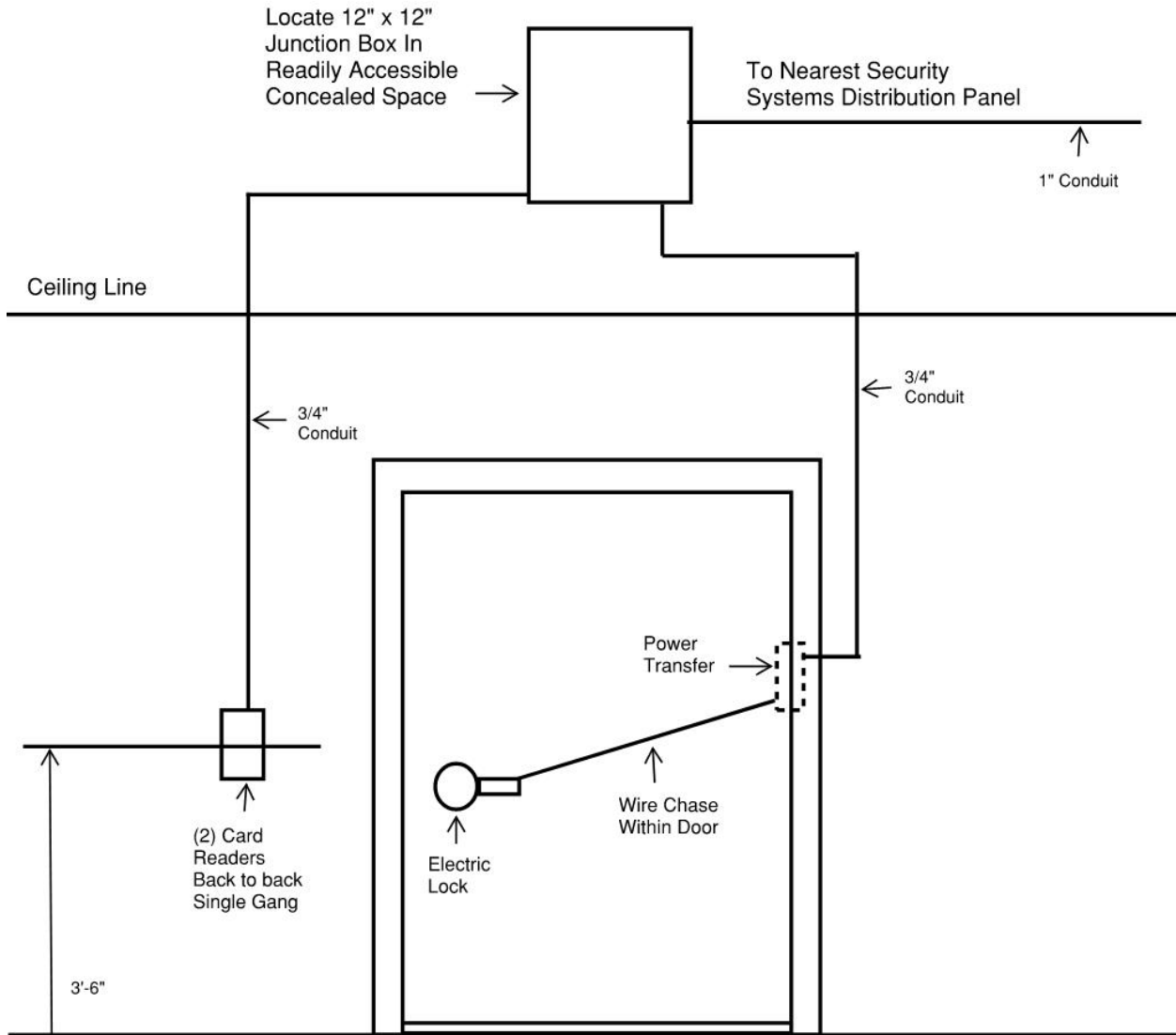
Riser No. R12A



Pull Side Elevation

Note: Refer to floor plans for Door Handing

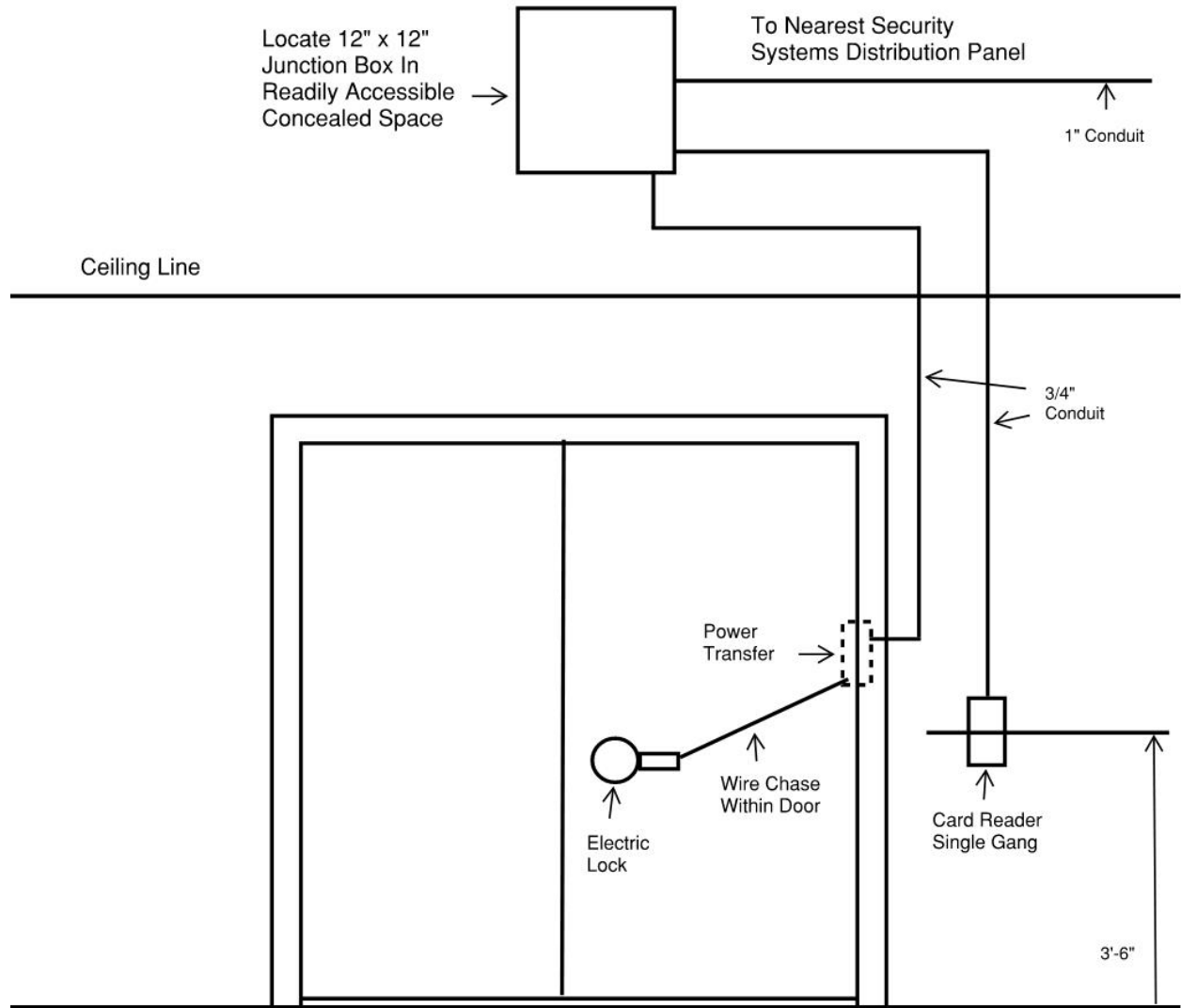
Riser No. R12B



Push Side Elevation

Note: Refer to floor plans for
Door Handing

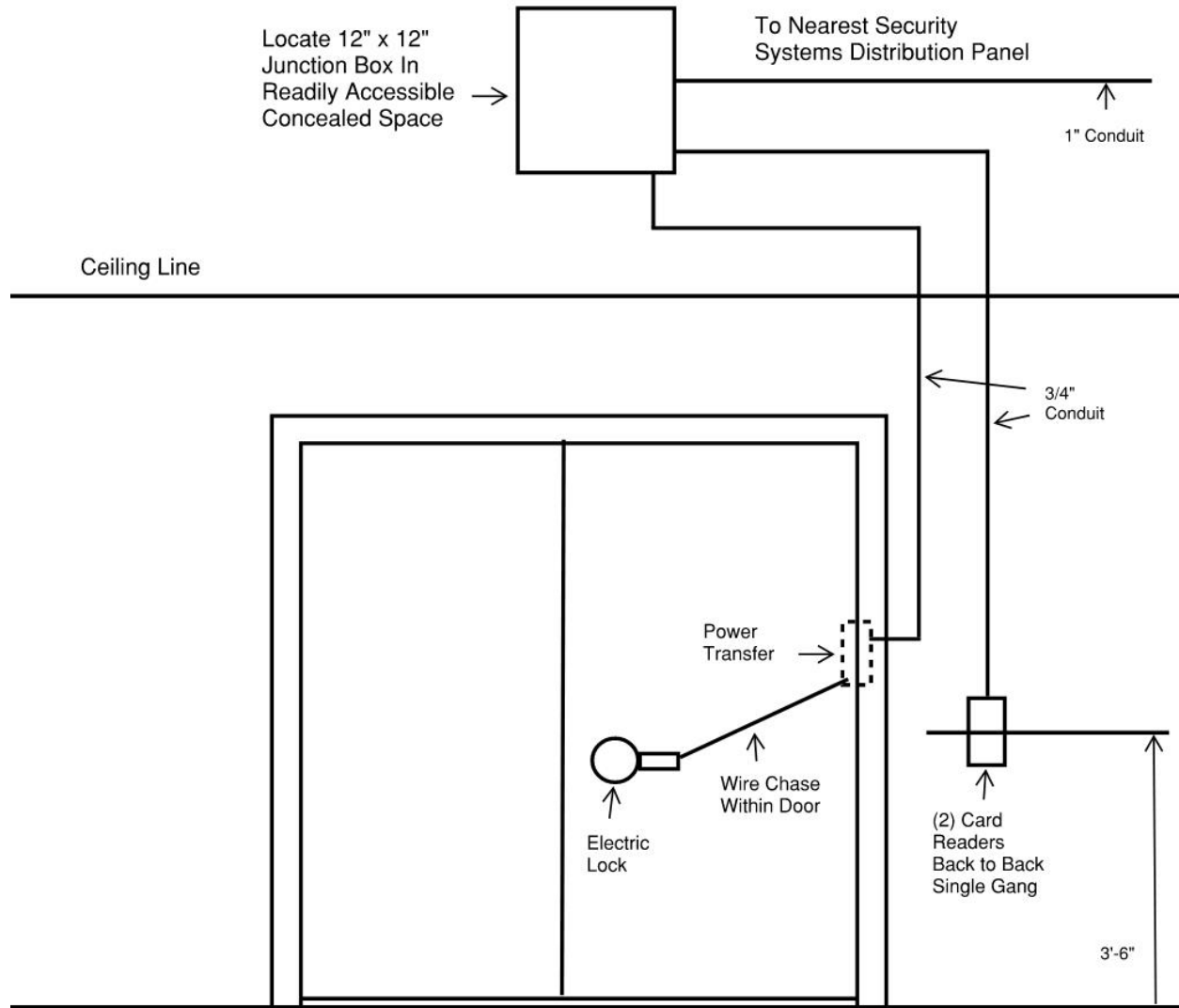
Riser No. R13



Pull Side Elevation

Note: Refer to floor plans for Door Handing

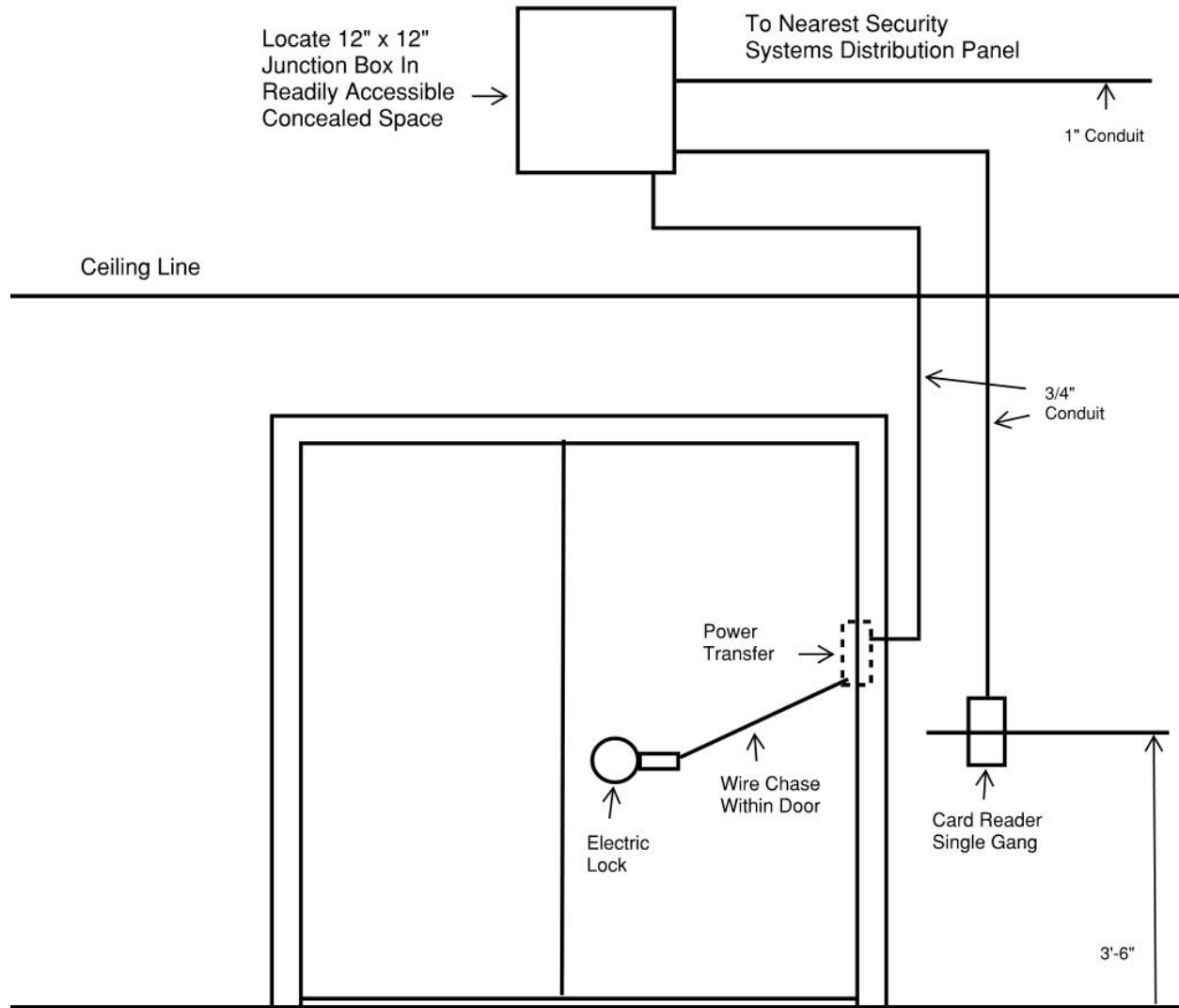
Riser No. R13A



Pull Side Elevation

Note: Refer to floor plans for Door Handing

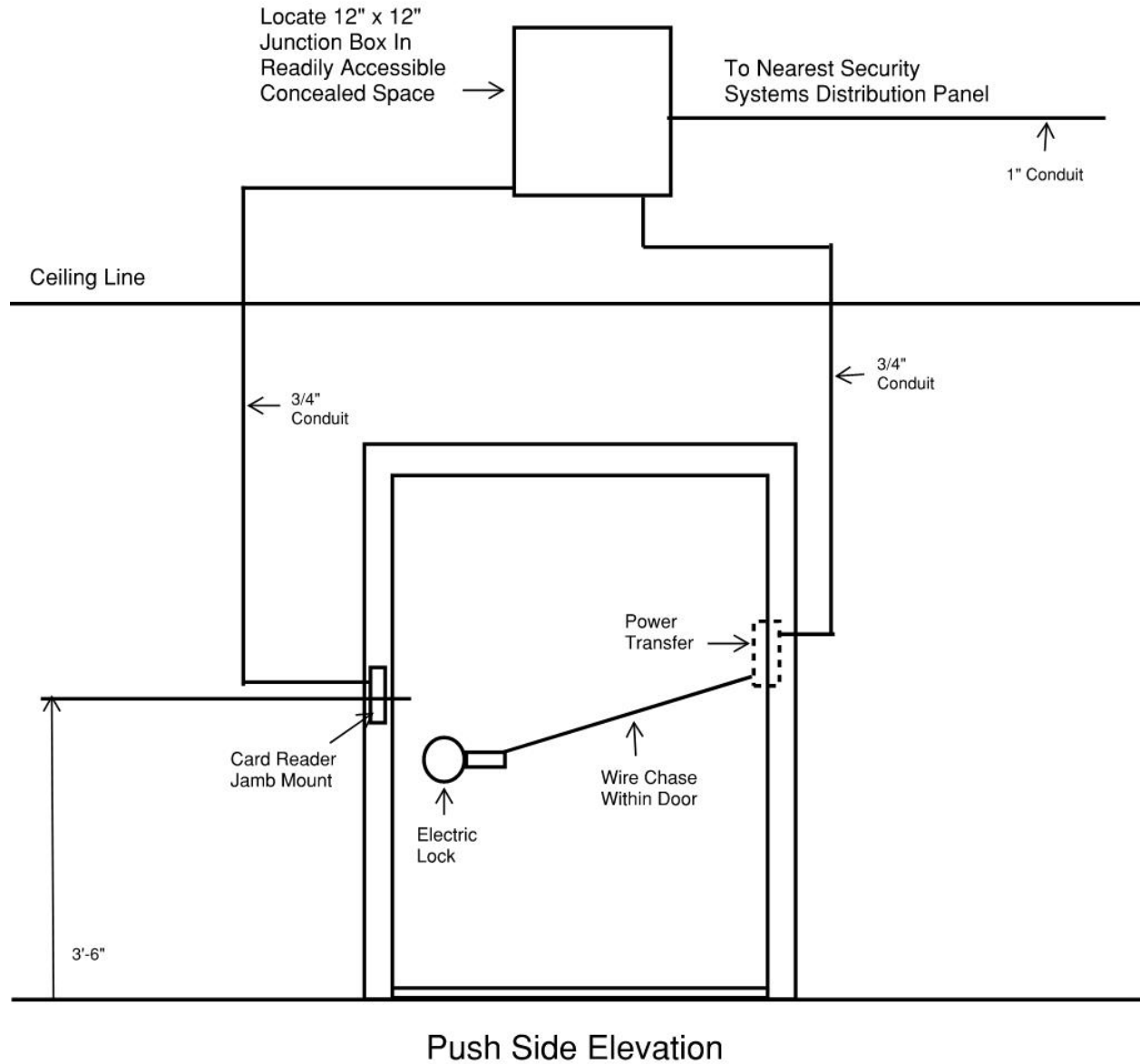
Riser No. R13B



Push Side Elevation

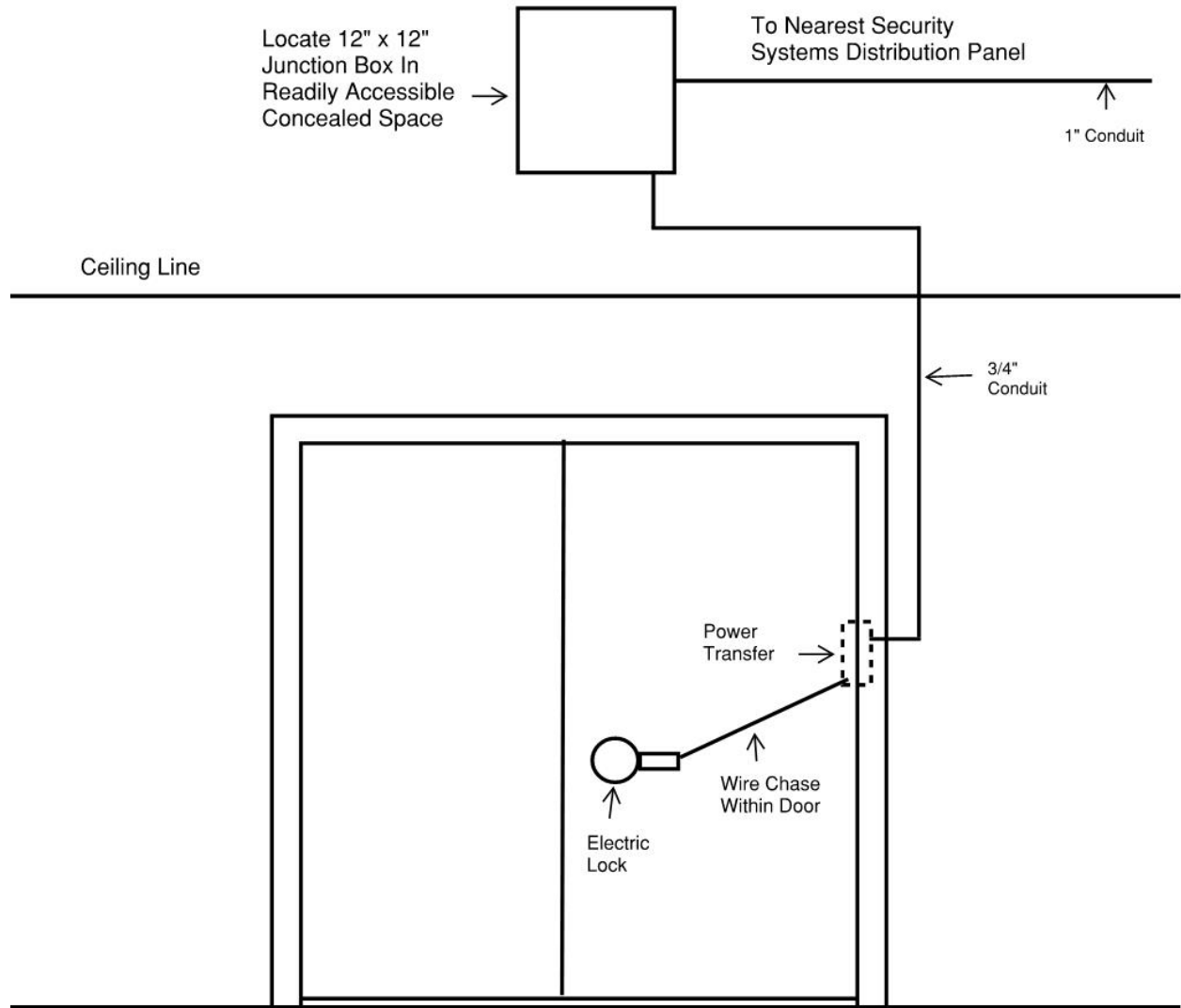
Note: Refer to floor plans for Door Handing

Riser No. R14



Note: Refer to floor plans for Door Handing

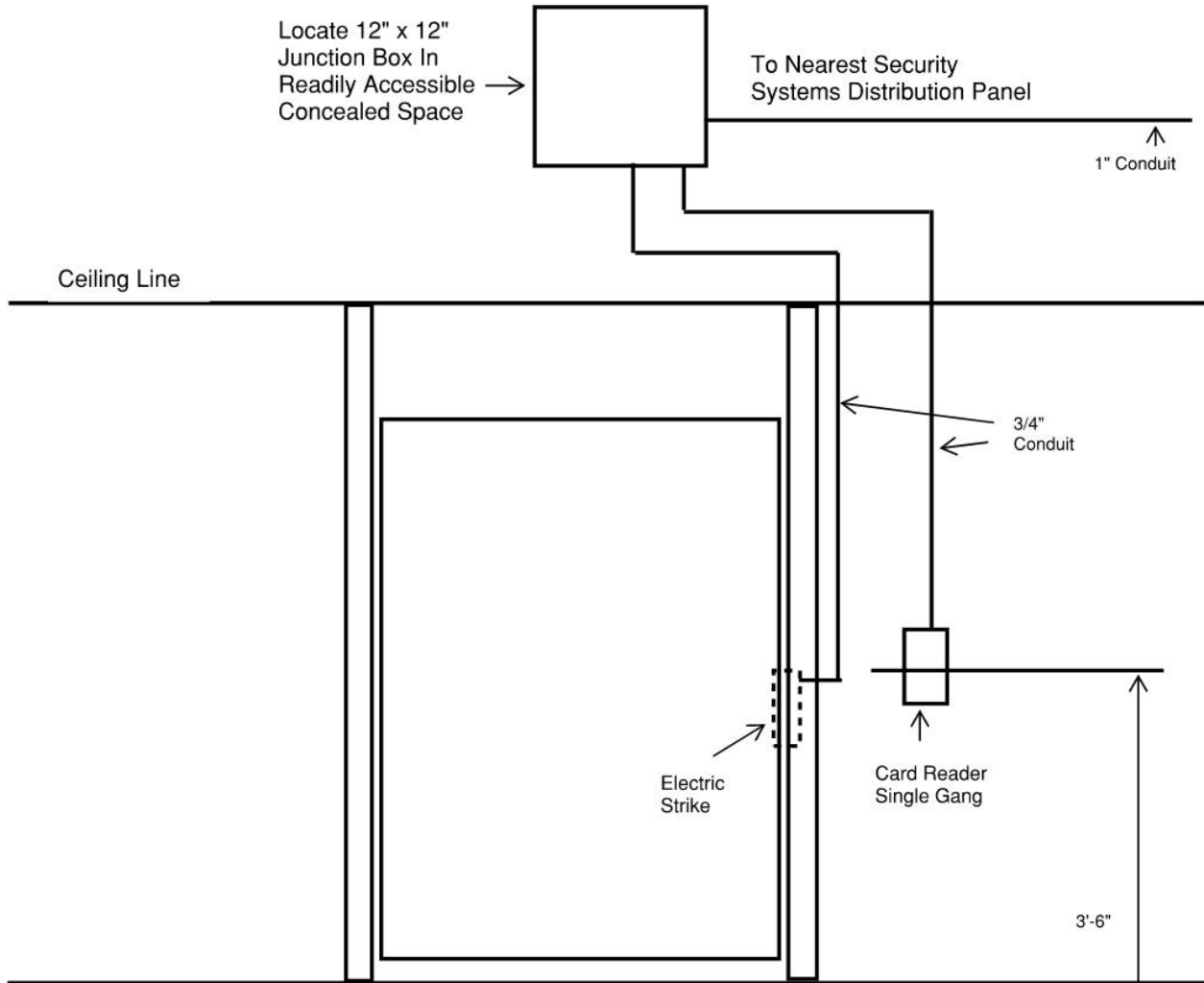
Riser No. R15



Pull Side Elevation

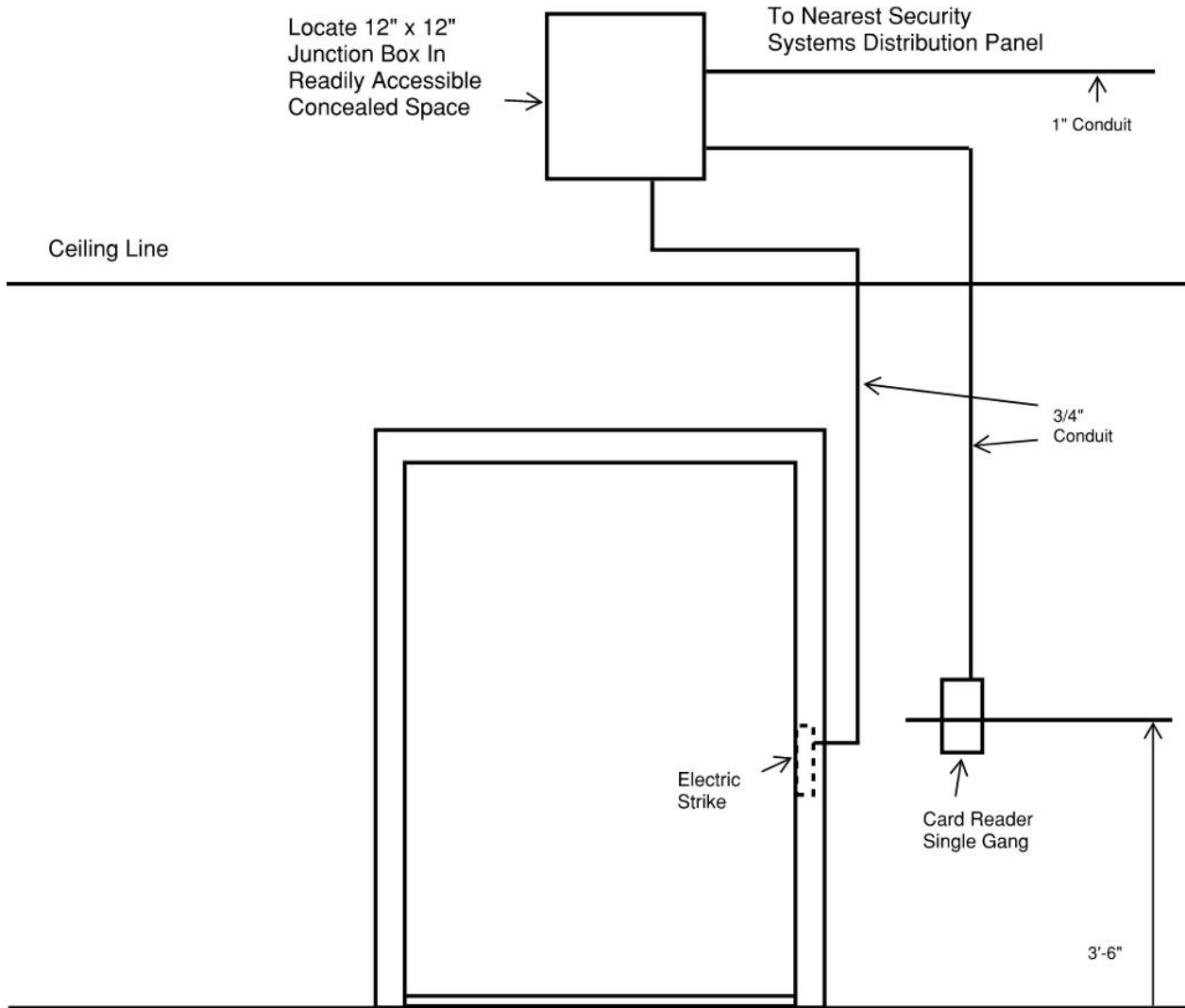
Note: Refer to floor plans for Door Handing

Riser No. R16



Pull Side Elevation

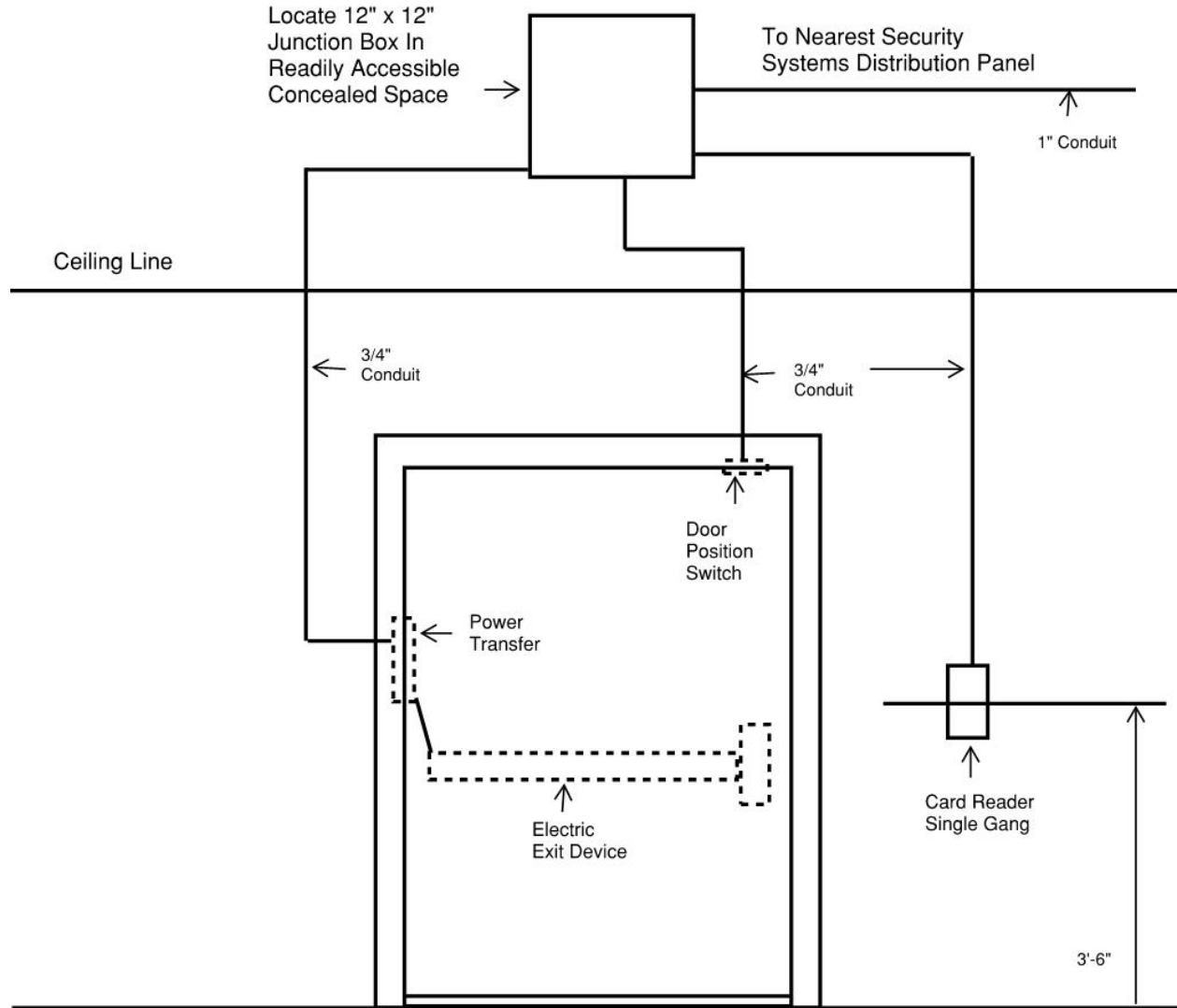
Riser No. R17



Push Side Elevation

Note: Refer to floor plans for Door Handing

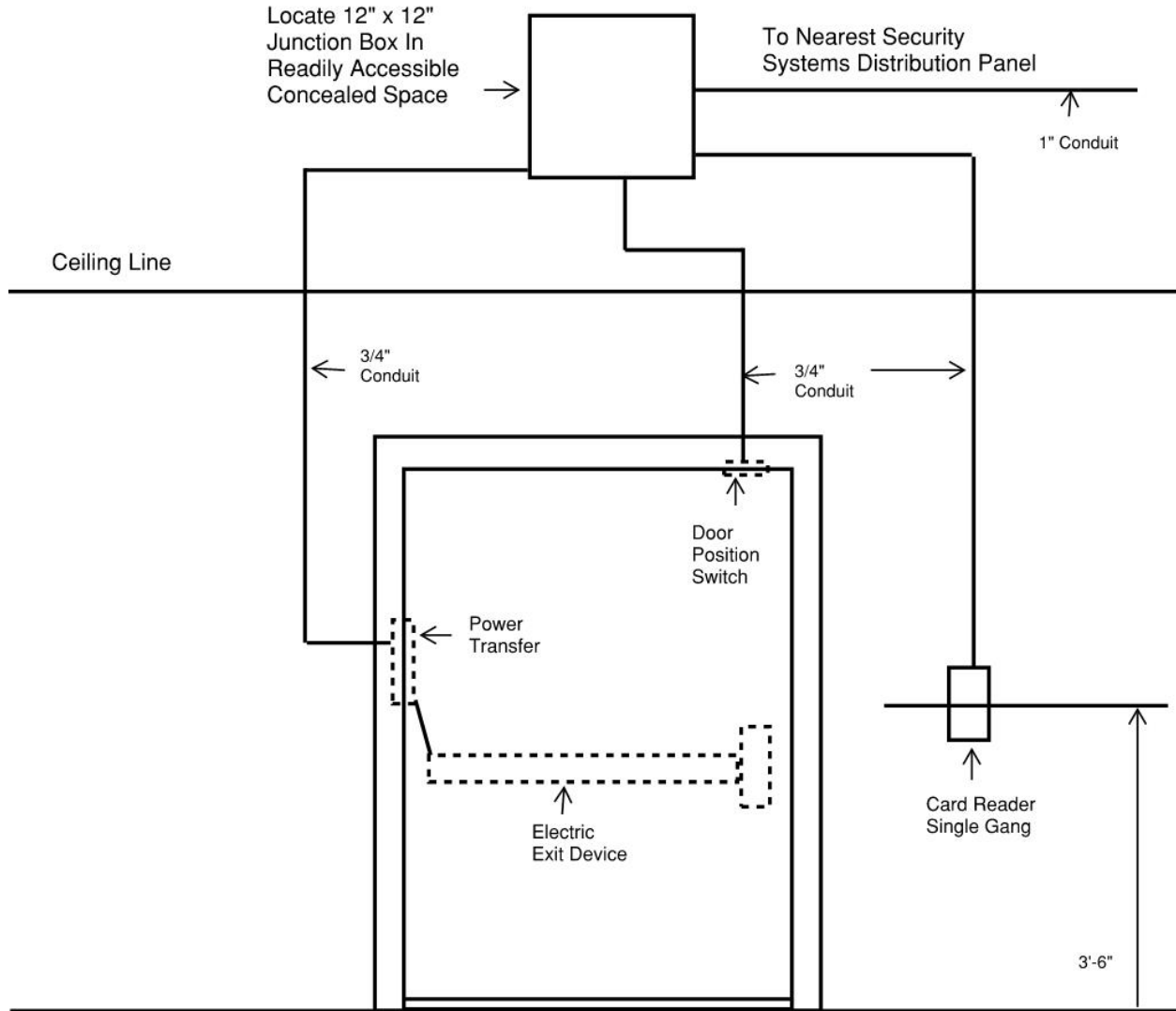
Riser No. R18



Pull Side Elevation

Note: Refer to floor plans for
Door Handing

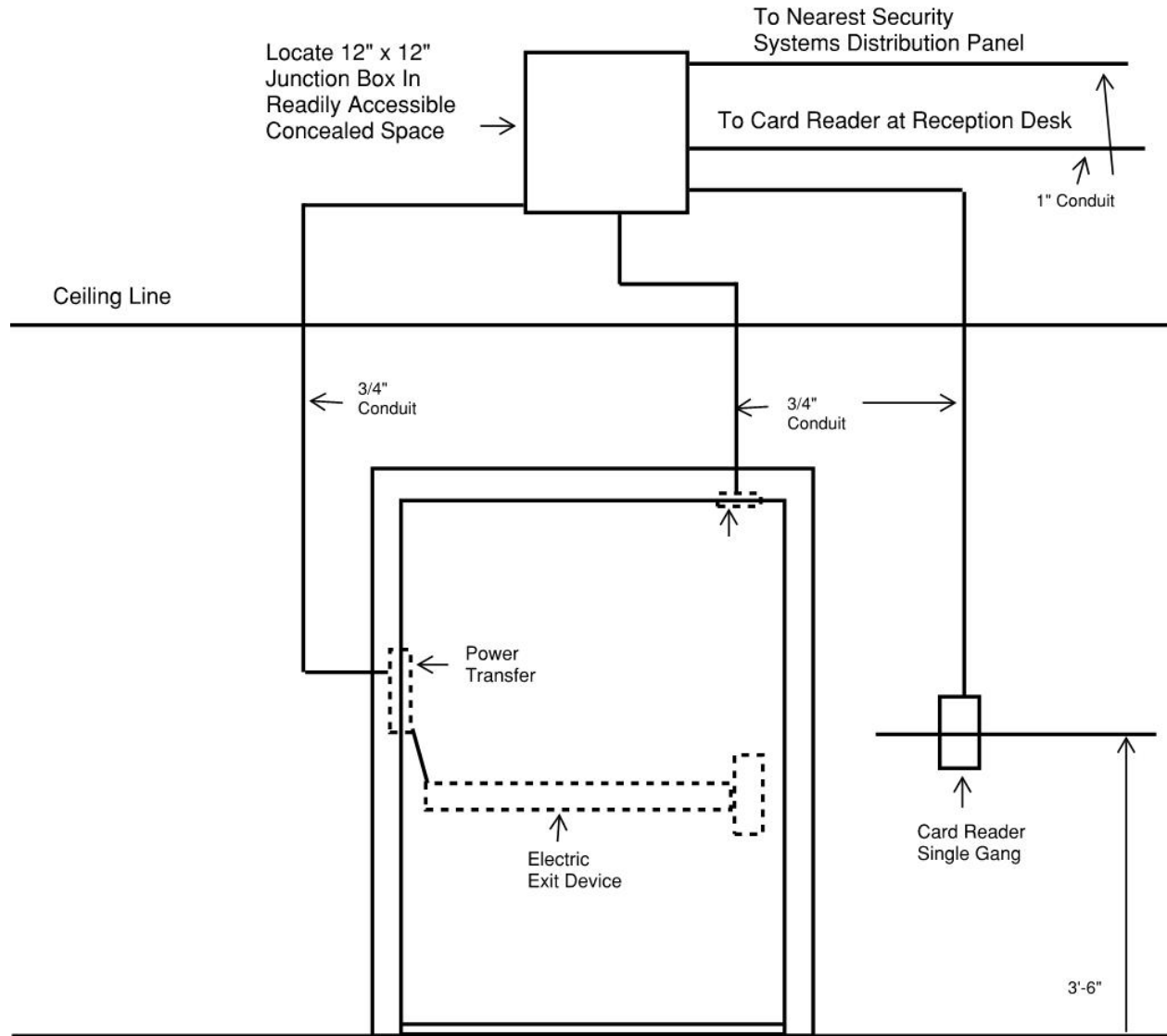
Riser No. R18A



Push Side Elevation

Note: Refer to floor plans for Door Handing

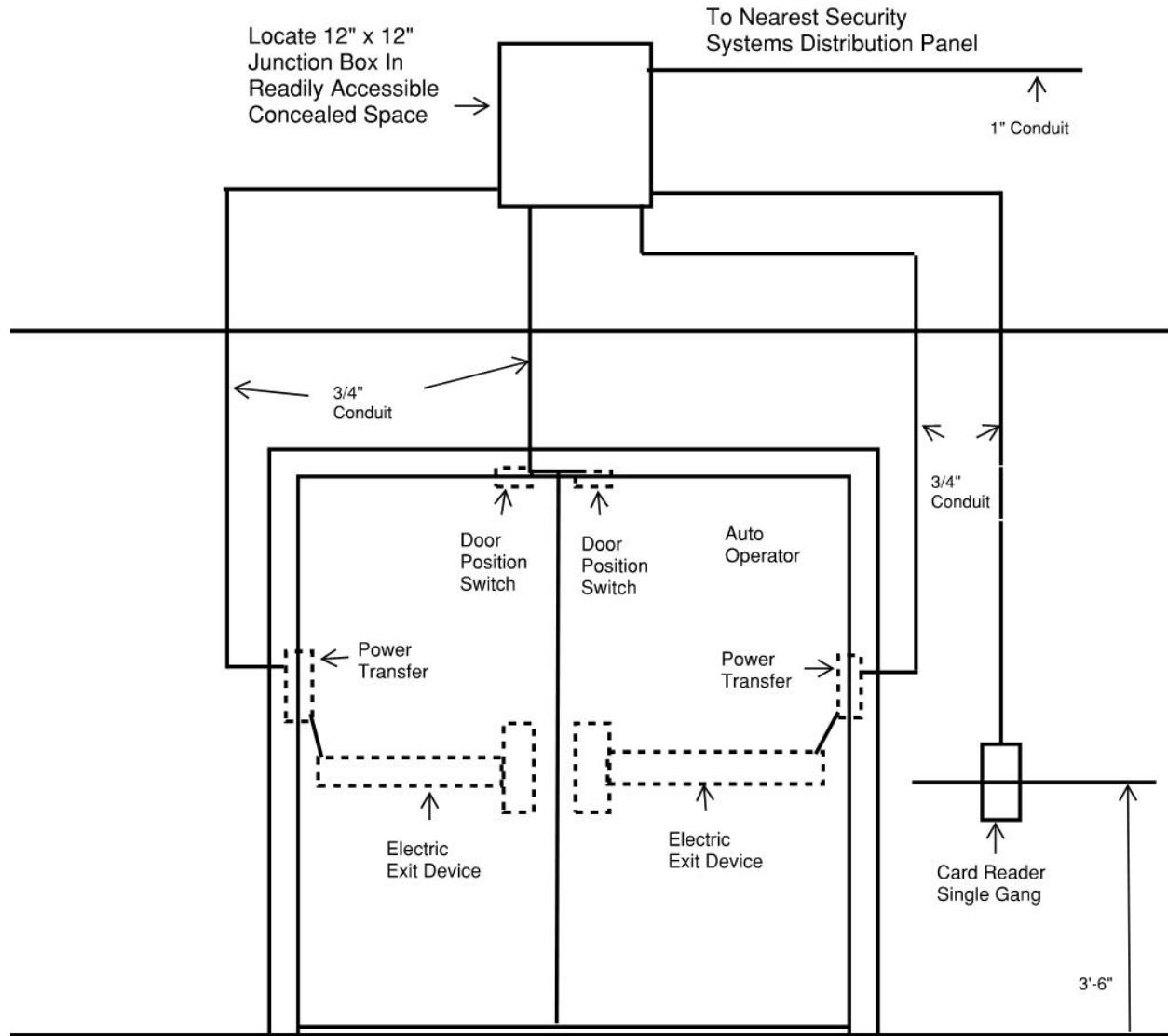
Riser No. R19



Pull Side Elevation

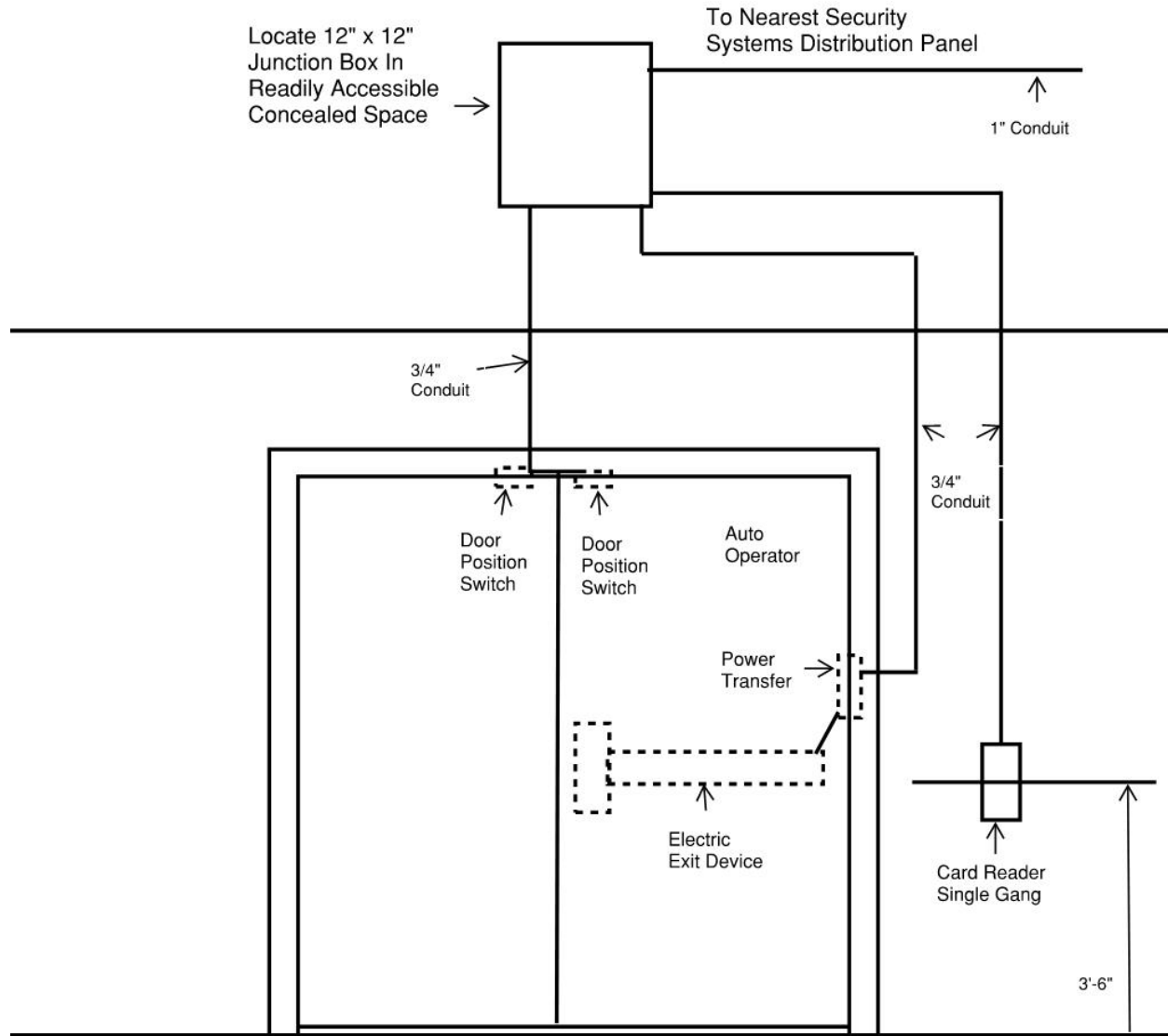
Note: Refer to floor plans for Door Handing

Riser No. R20



Pull Side Elevation

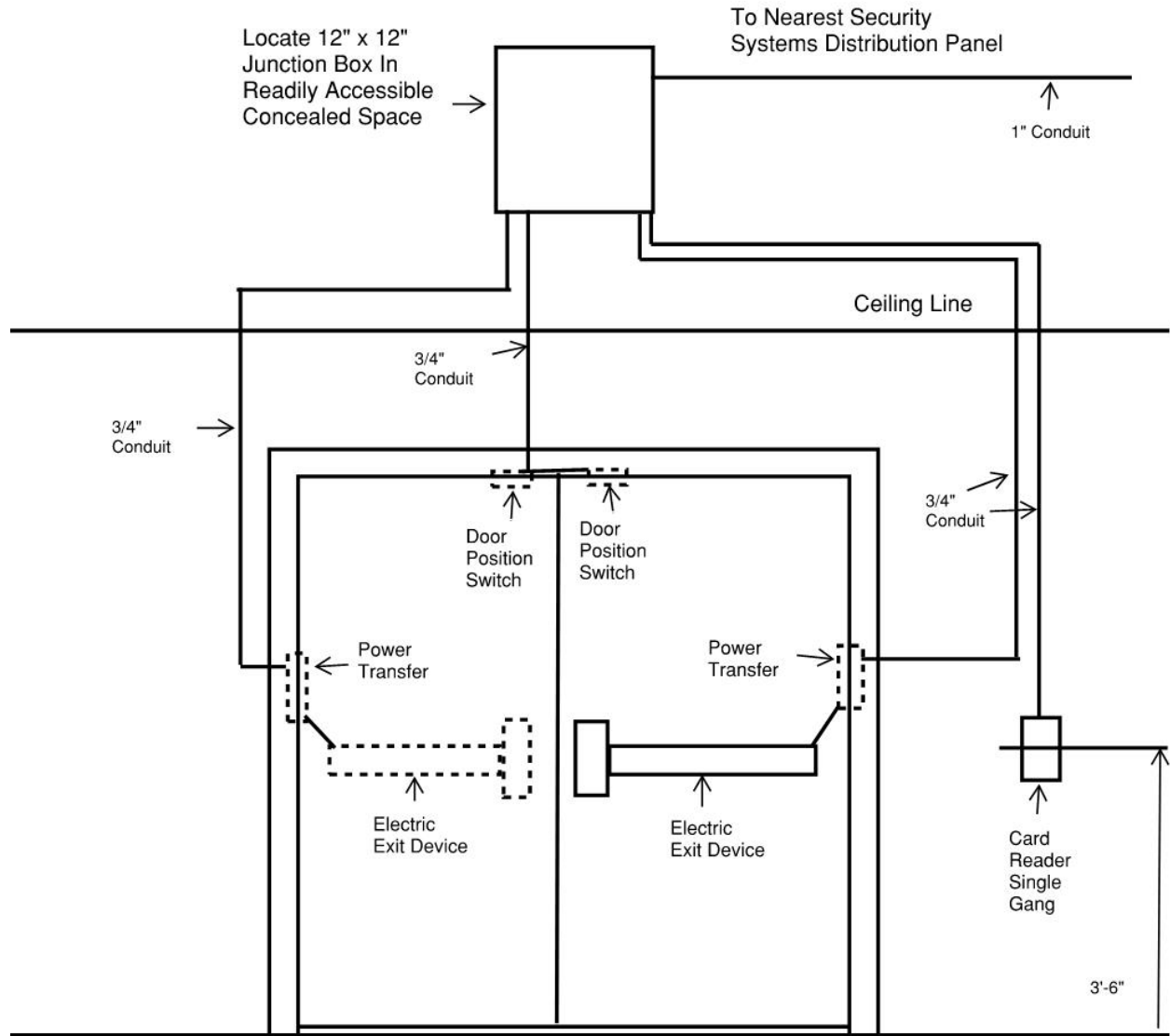
Riser No. R21



Pull Side Elevation

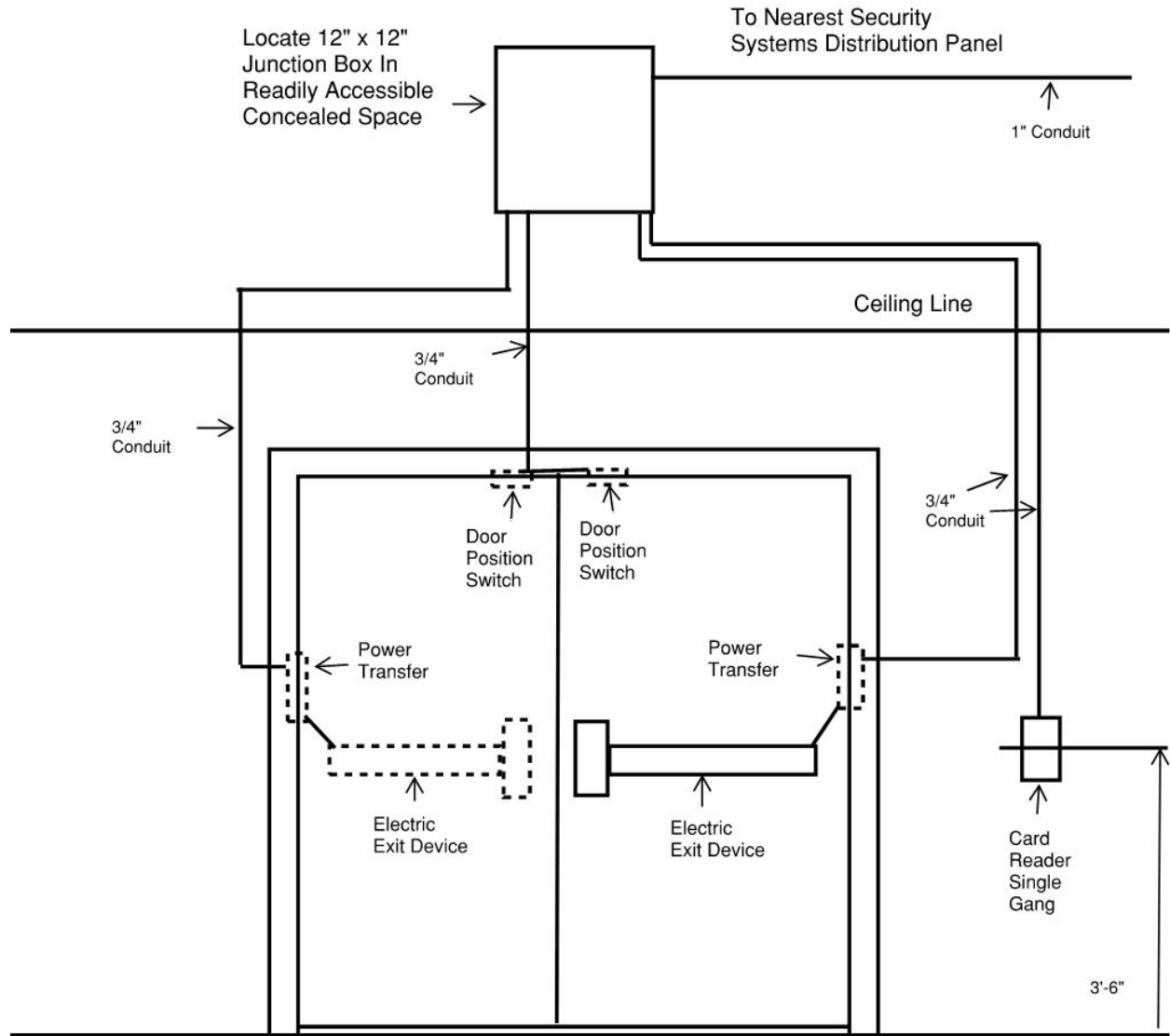
Note: Refer to floor plans for
Door Handing

Riser No. R22A



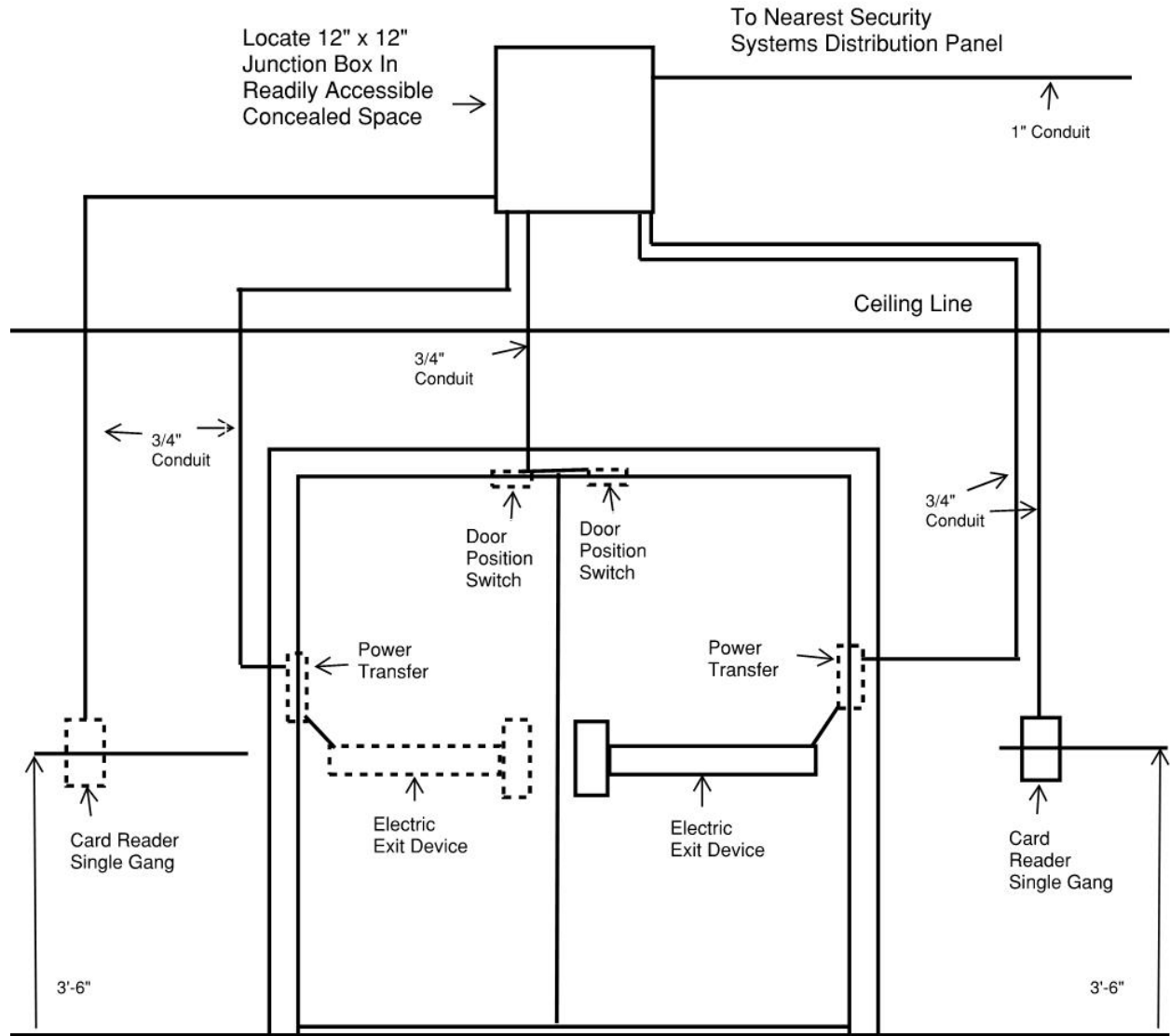
Corridor 700C Elevation

Riser No. R22B



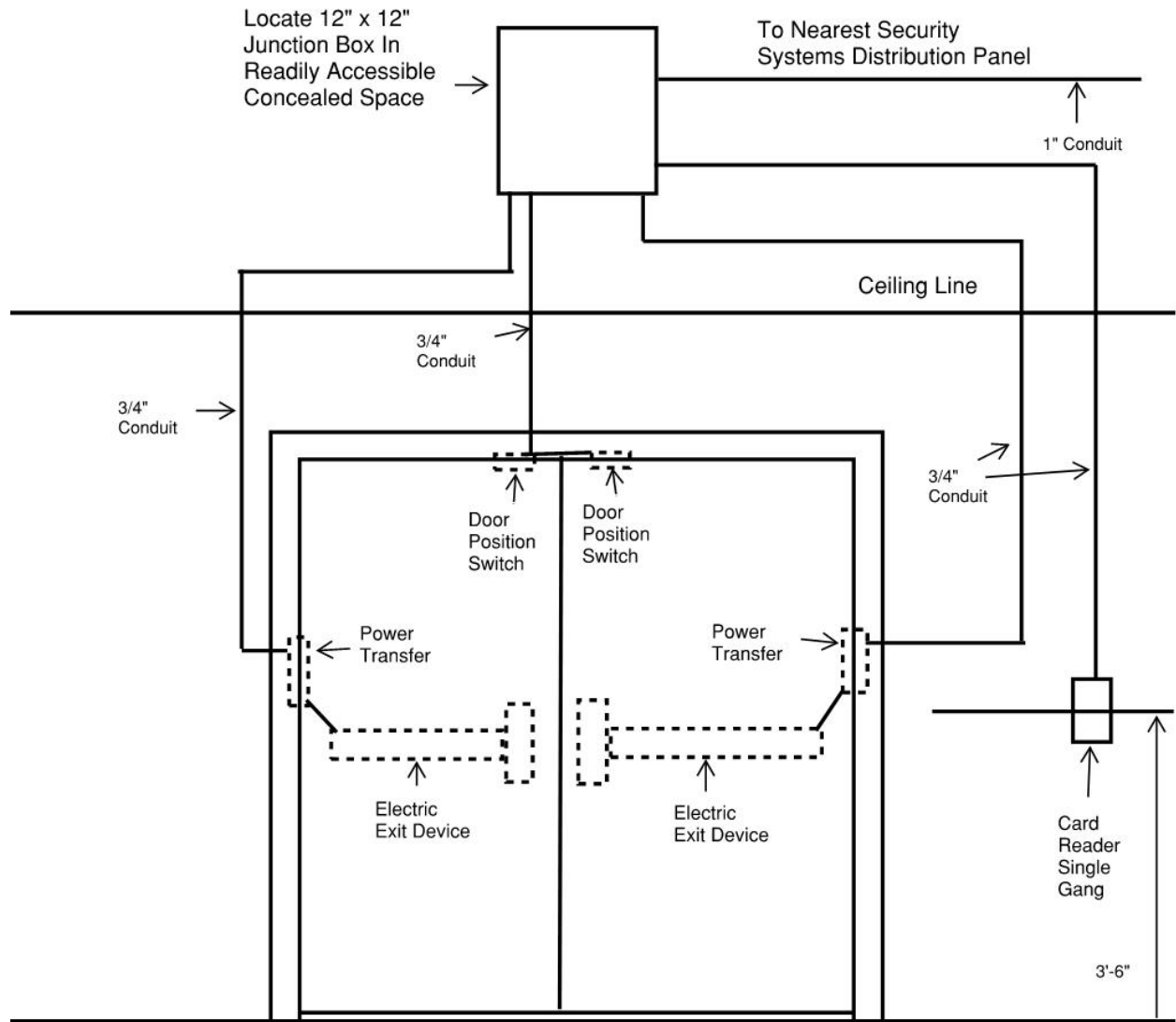
Corridor 800A Elevation

Riser No. R23



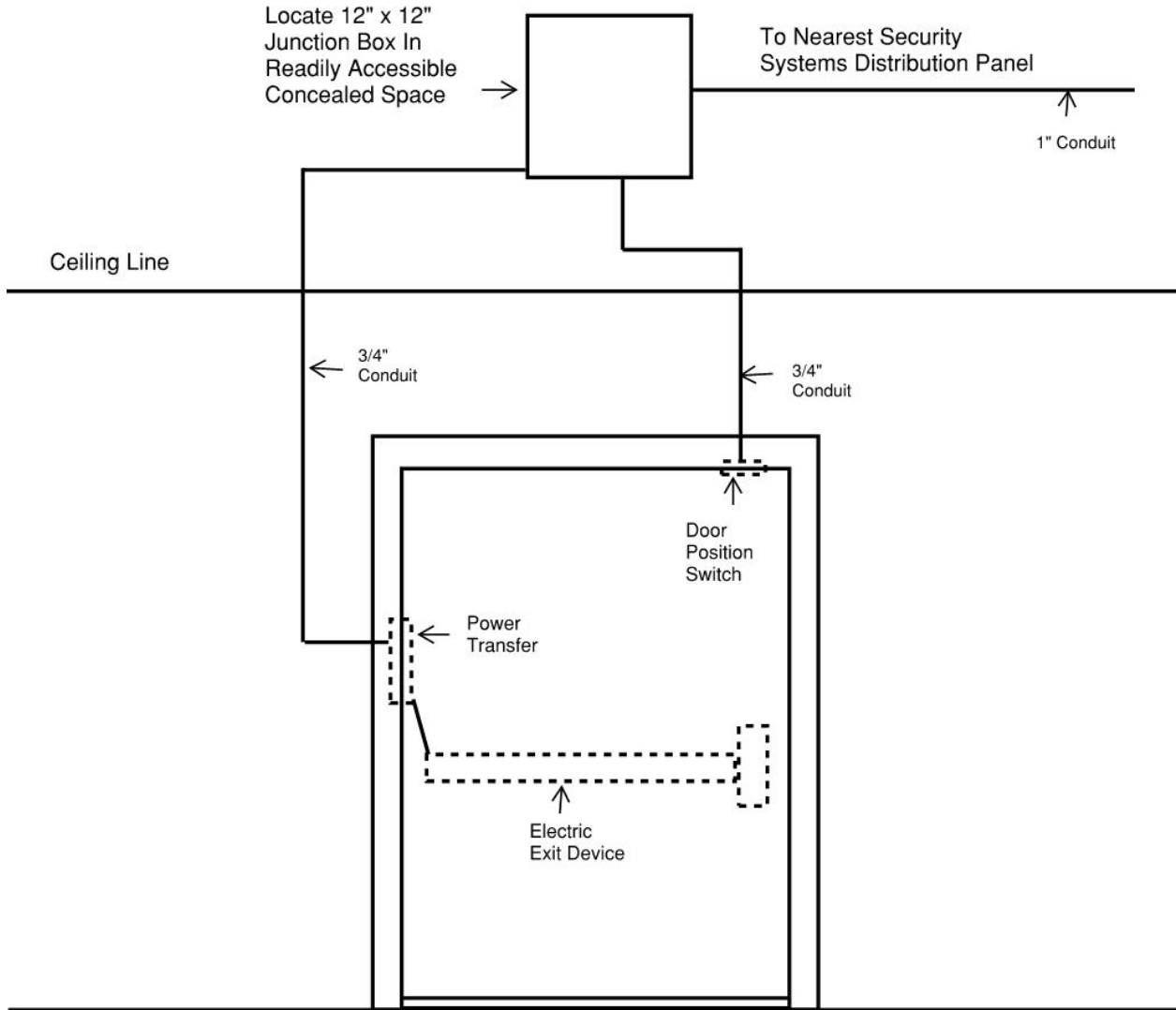
Corridor 900A Elevation

Riser No. R24



Pull Side Elevation

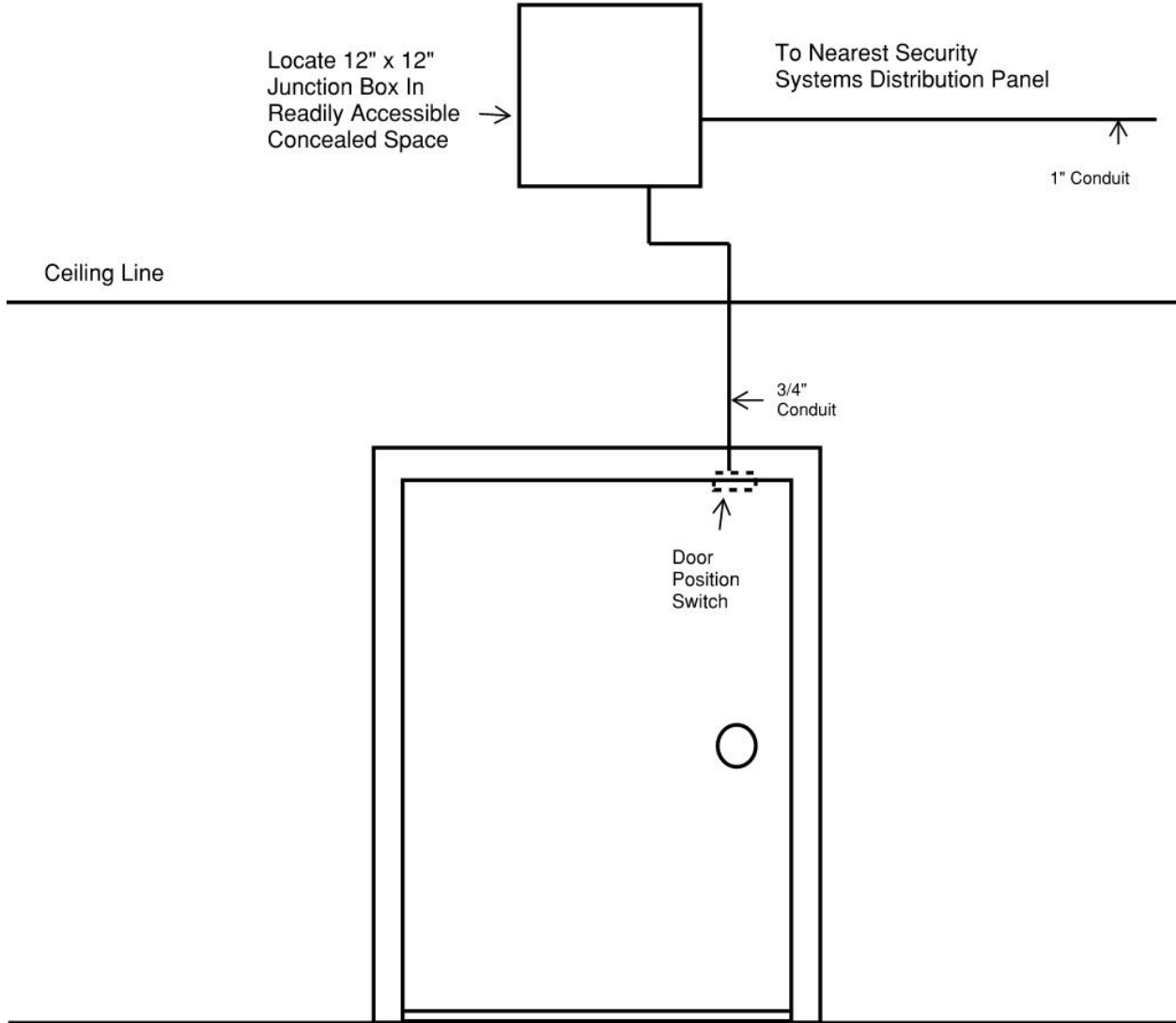
Riser No. R25



Push Side Elevation

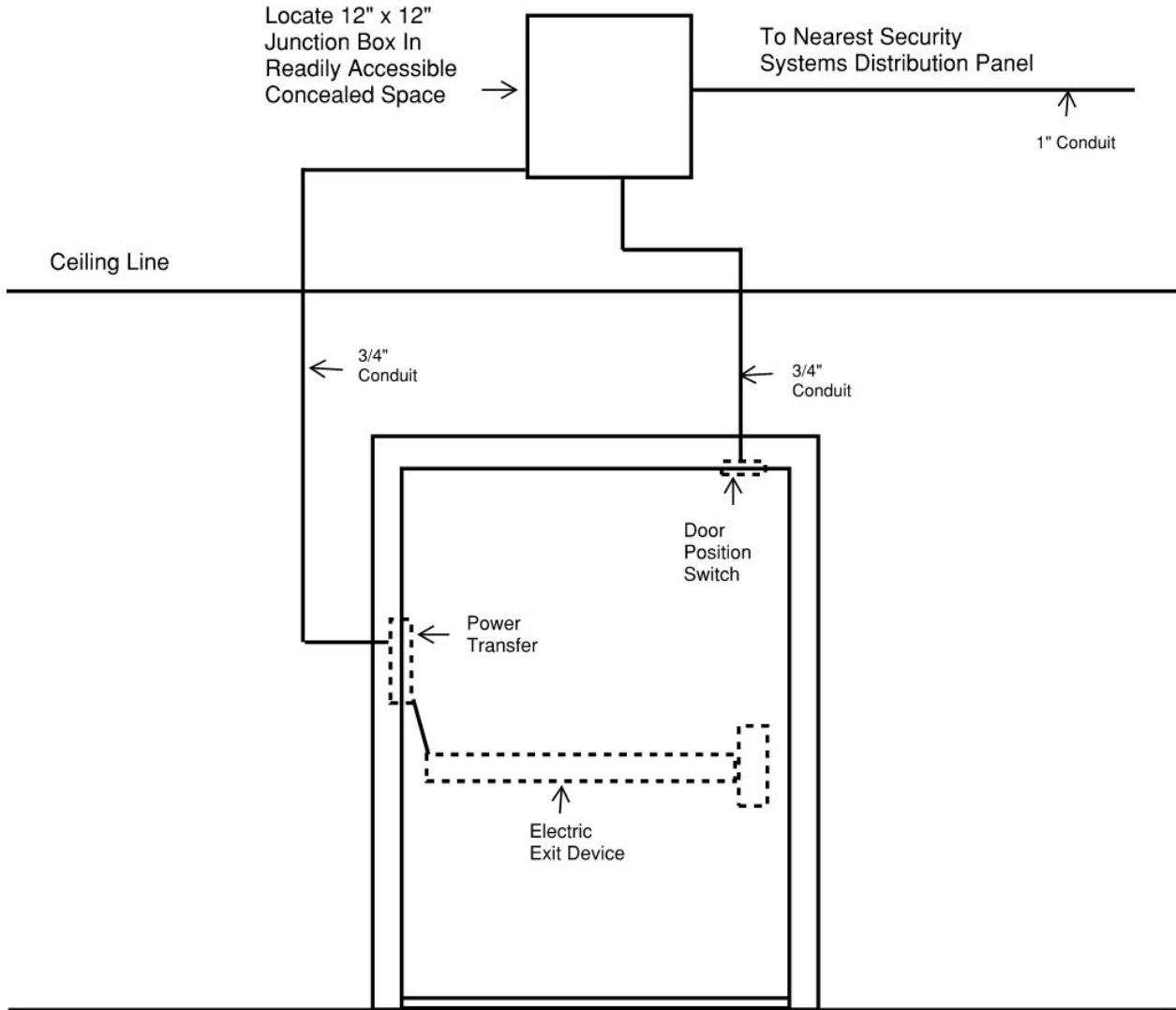
Note: Refer to floor plans for
Door Handing

Riser No. R26



Note: Refer to floor plans for
Door Handing

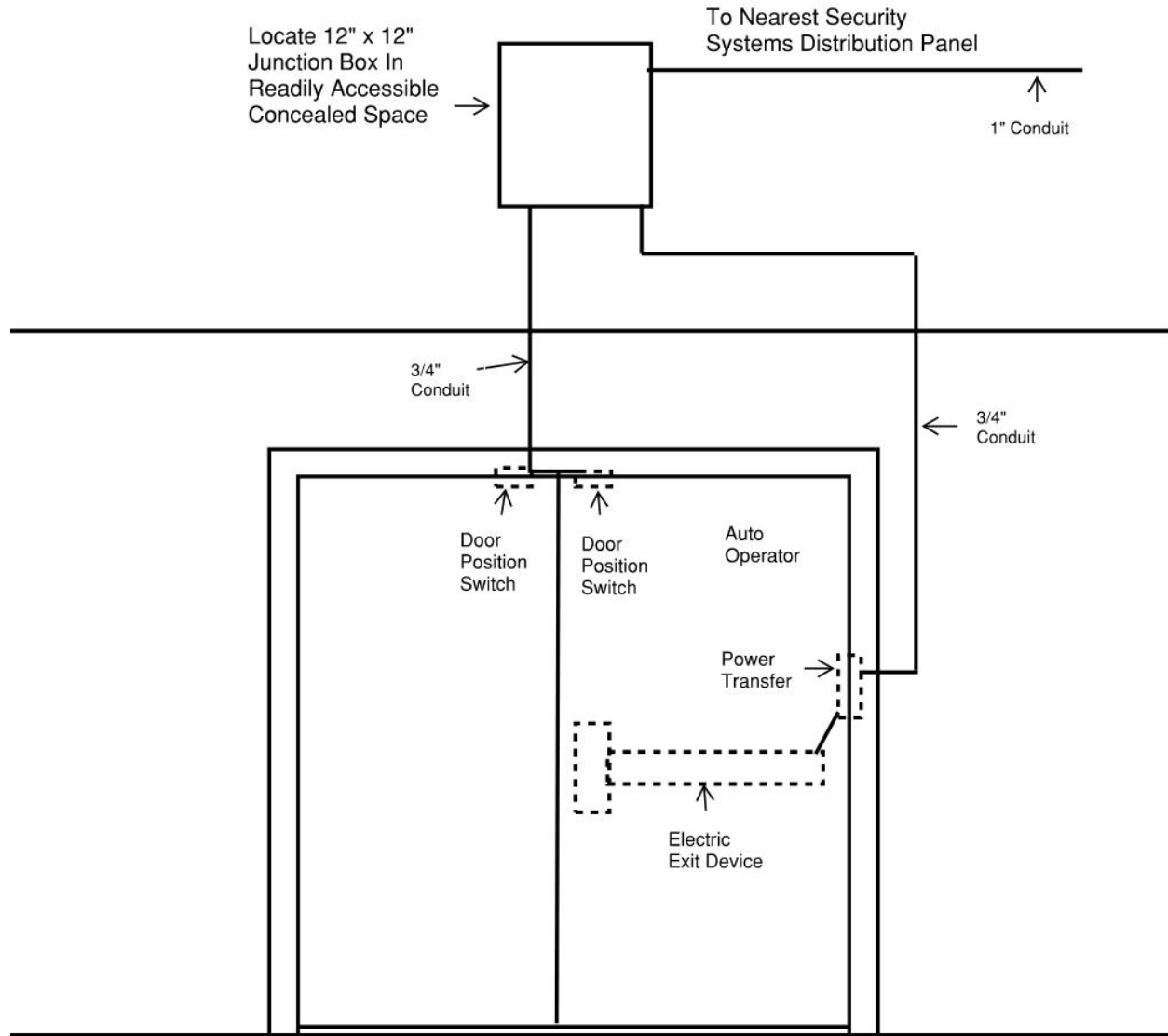
Riser No. R27



Pull Side Elevation

Note: Refer to floor plans for
Door Handing

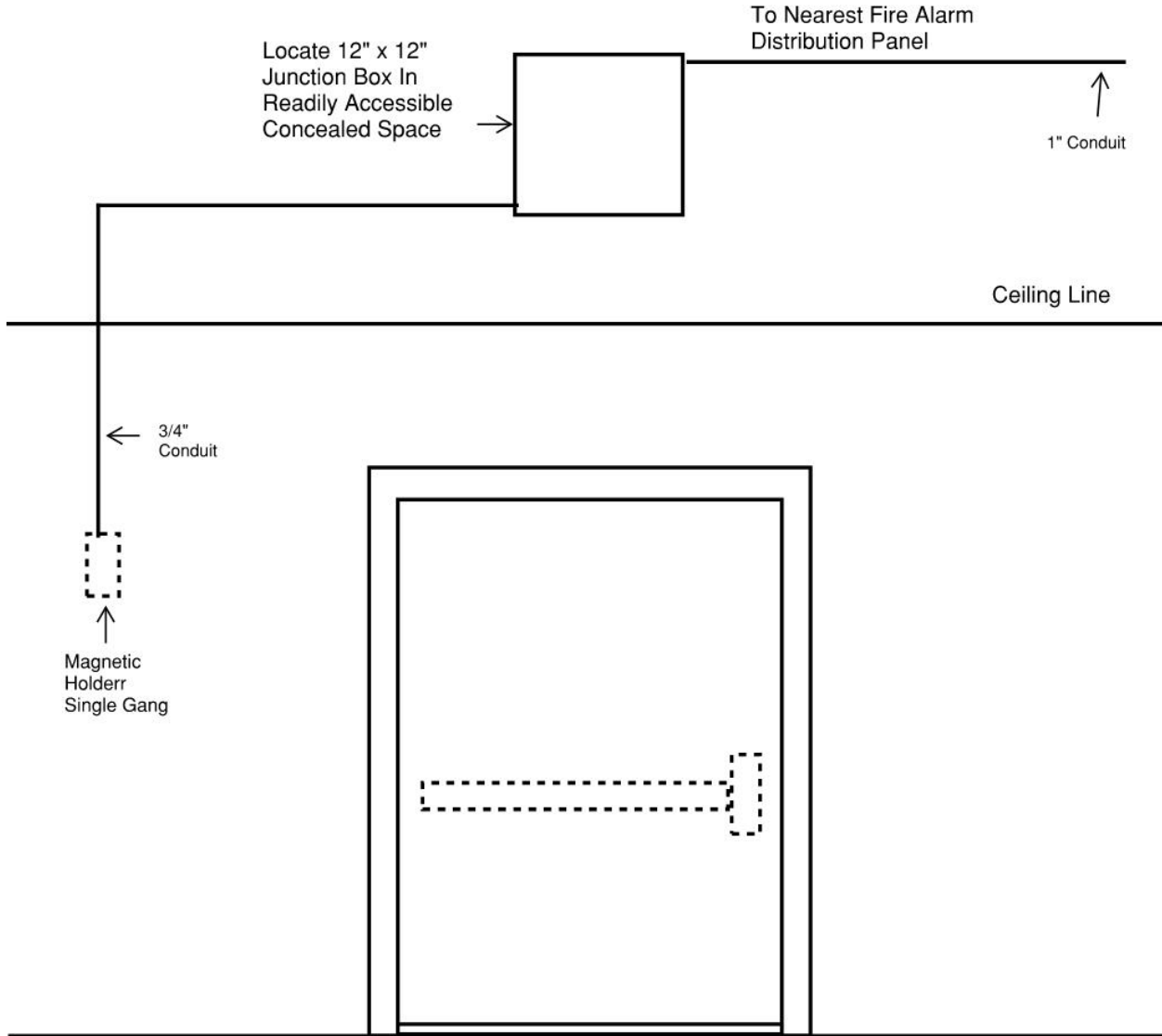
Riser No. R28



Pull Side Elevation

Note: Refer to floor plans for
Door Handing

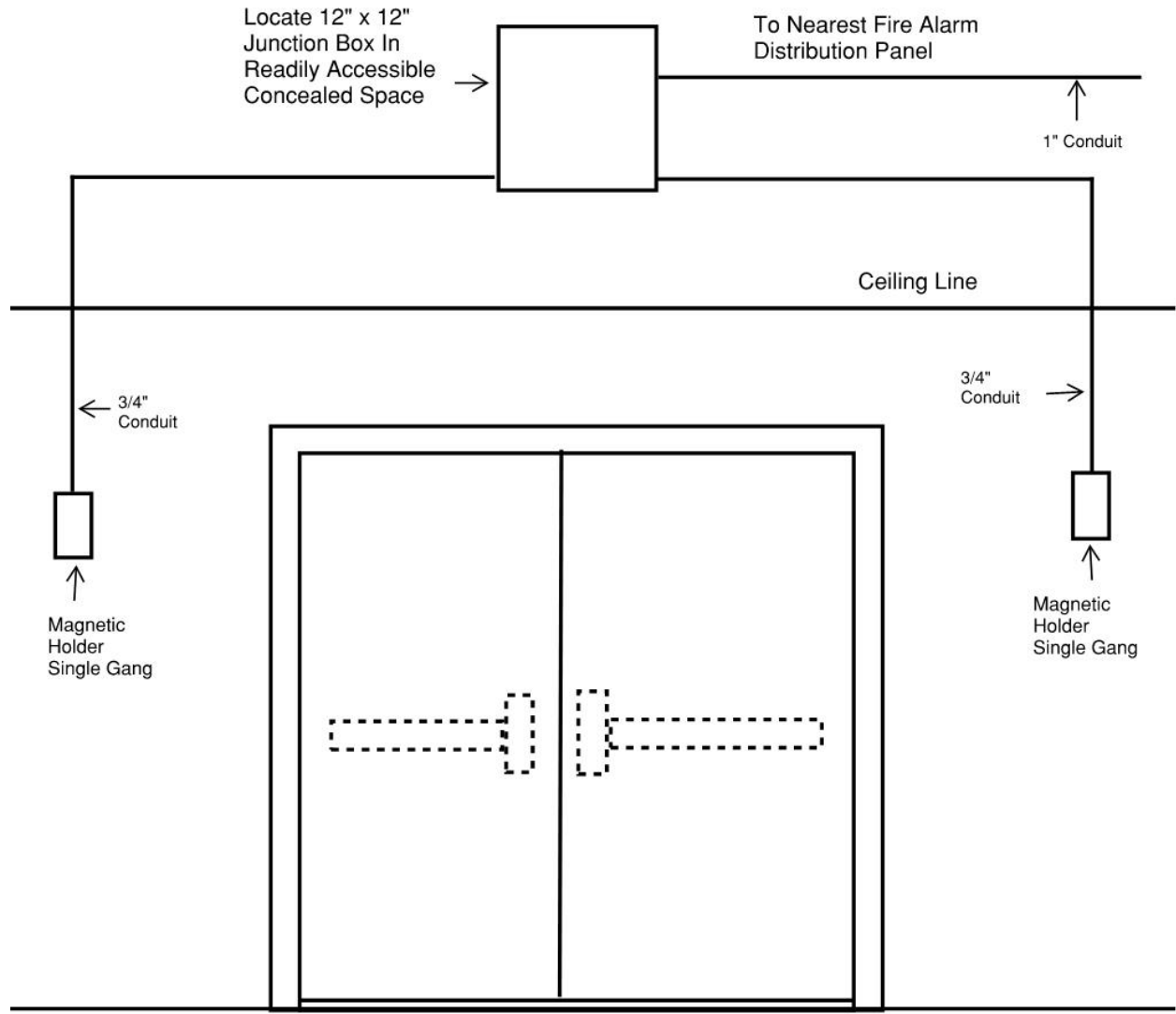
Riser No. R29



Push Side Elevation

Note: Refer to floor plans for
Door Handing

Riser No. R30



Pull Side Elevation

END OF SECTION 087100

202170 UK RHEB Door Set Index V2
 JRA Architects, Rob Deal, Matt DeLuca
 January 11th, 2025

Door	HW Set
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Exterior	
000D	ACEK01
100B-A	ACEK01B
100B-B	A02D
100D1	ACEK03
100F	ACEK01A
121	CEK05
311-B	C01Z
700B	DK01
814F-B	C01AT
832-B	C01AS
914	C01AT
1000	C01AV
ST-B1-B	D01C
ST-C1-C	D01
XD100	C01C
XD101	C01C
XE200-A	CE01H
XE200-B	CE01J

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LOWER BASEMENT	
016	C01L
026B	CEK01A
027	CEK02
ST-B0	CE02

BASEMENT	
000A	A02
000B	C01N
000B1-A	C01F
000B1-B	C01AM
000-C	13
001	C01A
002	CEK03
003	C01A
004-A	CE01
004-B	E01
005-A	CE01
005-B	E01
006B	06
007	C01A
008	C01A

009	01A
009A	C02
009B	C02
009C	C02
009D	C02
010-A	E01A
010-B	CE01A
013	C01J
014A	01
014B	02
014C	01
014D	04
014E	CK01A
014F	CK01A
014G	04C
015	04A
017	C01A
018	CEK01
018A	C01F
019-A	H02
019-B	H02
020	D01A
021	CK02
022	C01F
023	CEK01
024	C01G
025	C01K
026A	CEK01A
030	C01AK
031	C01AK
032	C01A
033	C01A
036	C01E
037	C01A
038A	E01
038B	CE01
039A	E01
039-B	CE01
040-A	05
040-B	05
040A	CE04
040B	CE04
041	C01F
042	C01E
054A	01
054B	02
054C	01
054D	C01D
054E	04

056	C01H
057	05B
058	C01G
ST-C0-A	CEK06
ST-C0-B	CEK06
ST-D0	H01

1ST FLOOR	
100A-A	A02B
100A-B	A02C
100D-A	01B
100D-B	A03
100C	13
100E	A02A
101-A	H02
101-B	H02A
101-C	C01D
101-E	C01E
101A	C01A
102	CEK03
103	C01M
104	C01M
109	CK01D
110	CK01A
111-A	05
111-B	05D
111A	CE04A
111B	CE04A
112-A	05D
112-B	05C
112A	CE04A
112B	CE04A
113	C01J
114A	A01
114B	02
114C	A01
114D	04
114E	CK01A
114F	CK01A
114G	04C
115	C01B
116-A	CE01
116-B	E01
117	C01A
118-A	E01
118-B	CE01
120B	04
120C	04
120D	04

120E	C01P
120F	C01AX
120G	C01P
120H	C01Q
120J	CK01B
124-A	C01E
124-B	C01AL
126-A	CE01
126-B	E01
128-A	CE01
128-B	E01
130-A	E01
130-B	CE01
132-A	E01
132-B	CE01
147	C01A
149	C01A
151	C01A
153	C01A
154A	01
154B	02
154C	01
154D	CK01A
154E	04
155	C01A
156	C01H
157	05A
158	CEK03A
ST-B1-A	H01
ST-C1-A	H01
ST-C1-B	09
ST-D1-A	H01
ST-D1-B	D01E

2ND FLOOR	
200C	13
200E-A	CE01B
200E-B	CE01G
201-A	CE01C
201-B	CE01C
201-F	E03
201-G	E03
202	CEK03
203	C03
205	C03
207	C03
209	CK01A
210	CK01A
211-A	05

211-B	05
211A	CE04A
211B	CE04
212-A	05
212-B	05
212A	CE04
212B	CE04
212C	C01R
213	C01J
214A	A01
214B	02
214C	A01
214D	04
214E	CK01A
214F	CK01A
214G	04C
216-A	CE01
216-B	E01B
217	05A
218	CE01C
219	H02
220	CE01
226	C01S
227	C01S
228	C01S
229	C01S
230	C01S
231	C01S
232	C01S
235A	C01S
235B	C01S
235C	C01S
235D	C01S
235E	C01S
235F	C01S
236	C01S
237	C01S
238	C01S
239	C01S
240	C01S
241A	C01S
241B	C01S
241C	C01S
241D	C01S
242	C01S
244	C01S
246	C01S
247	C01S
254D	CK01A

257	C01B
258	CEK03A
262E	C01S
262F	C01S
262G	C01S
268A	C01S
268B	C01S
268C	C01S
268D	C01S
268E	C01S
269A	C01S
269B	C01S
269C	C01S
269D	C01S
269E	C01S
274	C01S
278	C01S
279A	C01S
279B	C01S
279C	C01S
ST-B2	H01
ST-C2-A	H01
ST-C2-B	09
ST-D2	H01

3RD FLOOR	
300A2-A	C01X
300A2-B	C01Y
300D-A	CE01B
300D-B	CE01G
300D-1A	E03
300D-1B	E03
301-A	CE01C
301-B	CE01C
302	CEK03A
303	CE05
303A	C01AY
304A-A	CE05
304A-B	06A
304B	CE05
305-A	CE01E
305-B	06A
306	C01K
306A	04B
306B	04B
306C	C01AAA
306D	C01AZ
307-A	CE05
307-B	CE01E

308A-A	CE05
308A-B	06A
308B	CE05
309	CK01A
310	CK01A
311-A	05E
313	C01J
314A	01
314B	02
314C	01
314D	04
314E	CK01A
314F	CK01A
314G	04C
316-A	CE01
316-B	E02
317	C01AAB
319	H02
320-A	E01
320-B	CE05A
323	C01AN
325	C01S
326	C01A
327	C01S
329	C01S
330	C01S
331	C01S
332	C01S
335A	C01S
335B	C01S
335C	C01S
335D	C01S
335E	C01S
335F	C01S
336	C01S
338	C01S
340	C01S
341	C01S
342	C01S
344	C01S
345A	C01S
345B	C01S
345C	C01S
345D	C01S
345E	C01S
346	C01S
348	C01S
349	C01S
350	C01S

354D	CK01A
358	CEK03A
362E	C01S
362F	C01S
362G	C01S
368A	C01S
368B	C01S
368C	C01S
368D	C01S
369A	C01S
369B	C01S
369C	C01S
369D	C01S
373	C01A
374	C01S
378	C01S
379A	C01S
379B	C01S
379C	C01S
379D	C01S
ST-B3	CEK06A
ST-C3-A	H01
ST-C3-B	09A
ST-D3	H01

4TH FLOOR	
400C	13
400D-A	CE01B
400D-B	CE01G
400D-1A	E03
400D-1B	E03
401-A	CE01C
401-B	CE01C
402	CEK03A
403	C01A
404	C01AA
405-A	C01G
405-B	06B
405A-A	D01B
405A-B	D01B
405B	04
405C	04
405D	C01M
405E-A	06A
405E-B	C01A
405F-A	06A
405F-B	C01A
405G-A	06A
405G-B	C01A

405H-A	06A
405H-B	C01A
405J-A	06A
405J-B	C01A
405K	C01M
405L-A	C01A
405L-B	C01F
406	CE05
406A-A	C01L
406A-B	C01L
407-A	C01AB
407-B	C01AB
407B-A	CE05A
407B-B	E01
407C	C01AAB
407D	C01AAB
407E	C01H
407F	C01H
407G	C01H
408-A	CE05
408A-A	C01L
408A-B	C01A
408A-C	C01A
409	CK01A
410	CK01A
411	05F
413	C01J
414A	01
414B	02
414C	01
414D	04
414E	CK01A
414F	CK01A
414G	04C
415	C01A
416	C01A
417	C01AD
418	C01AD
418A-A	C01AE
418A-B	C01AF
419	H02
420-B	E01B
420A	C01AG
425	C01AN
426	C01A
427	C01S
428	C01S
429	C01S

430	C01S
431	C01S
432	C01S
435A	C01S
435B	C01S
435C	C01S
435D	C01S
435E	C01S
435F	C01S
436	C01S
438	C01S
439	C01S
440	C01S
442	C01S
443A	C01S
443B	C01S
443C	C01S
443D	C01S
444	C01S
446	C01S
447	C01S
454D	CK01A
456	C01H
457	C01M
458	CEK03A
462E	C01S
462F	C01S
462G	C01S
468A	C01S
468B	C01S
468C	C01S
468D	C01S
469A	C01S
469B	C01S
469C	C01S
469D	C01S
471	C01A
479A	C01S
479B	C01S
479C	C01S
ST-B4	H01
ST-C4-A	H01
ST-C4-B	09A
ST-D4	H01

5TH FLOOR	
500C	13
500A2	C01AAC
500A3	C01AAC

500E-A	CE01B
500E-B	CE01G
500E-1A	E03
500E-1B	E03
501-A	CE01C
501-B	CE01C
502	CEK03
503-A	C01K
503-B	C01D
503A	C01A
503B	C01A
503C	C01A
503D	C01A
504	C01AAH
505	C01AAH
506A	C01AAH
506B	C01AAH
506B1	C01AAC
507A	C01AAH
507B	C01AAH
509	CK01A
510	CK01A
511	05F
513	C01H
514A	01
514B	02
514C	01
514D	04
514E	CK01A
514F	CK01A
514G	04C
518	C01F
518A	C01S
518B	C01S
518C	C01S
518D	C01S
518E	C01S
518F	C01S
518G	C01S
518H	C01S
518J	C01S
518K	C01S
518M	C01S
518N	C01S
518P	C01S
518Q	C01S
518R	C01S
518S	C01S
518T	C01S

518U	C01S
518V	C01S
518W	C01S
518X	C01S
519	H02
526	C01AAD
526-B	C01A
527	C01S
528	C01A
529	C01S
535A	C01S
535B	C01S
535C	C01S
535D	C01S
535E	C01S
535F	C01S
536A	C01S
536B	C01S
537	C01S
538	C01S
540	C01S
541A	C01S
541B	C01S
541C	C01S
541D	C01S
541E	C01S
542A	C01S
542B	C01S
542C	C01S
545	C01S
554D	CK01A
554E	04
558	CEK03A
562E	C01S
562F	C01S
562G	C01S
568A	C01S
568B	C01S
568C	C01S
568D	C01S
569A	C01S
569B	C01S
569C	C01S
569D	C01S
569E	C01A
579A	C01S
579B	C01S
579C	C01S
579D	C01S

ST-B5	H01
ST-C5-A	H01
ST-C5-B	09A
ST-D5	H01

6TH FLOOR	
600B1	C01F
600B-A	CE03
600B-B	CE06
600B-C	CE03
600B-D	CE03
600B-E	CE03
600C	13
600C-A	CE01G
600C-B	CE03
600C-C	CE03
600F1	08
600F-A	CE01B
600F-B	CE01G
600F-1A	E03
600F-1B	E03
601-A	CE01C
601-B	CE01C
602	CEK03A
603	C01A
603A	C01B
603B-A	C01A
603B-B	C01A
604	C01G
604A	04
605A-A	CE01
605B-A	CE01
605B-B	CE05A
606-A	C01M
606-B	C01A
606A-A	06D
606A-B	C01A
606B-A	C01A
606B-B	06D
606C-A	06C
606C-B	C01A
606D-A	C01A
606D-B	06C
606E-A	06C
606E-B	C01A
606F-A	C01A
606F-B	06C
606G	C01P
606H-A	C01A

606H-B	06C
606J-A	06C
606J-B	C01A
606K-A	C01A
606K-B	06C
606L-A	06C
606L-B	C01A
606M-A	C01A
606M-B	06C
606N-A	06C
606N-B	C01A
606P-A	C01A
606P-B	06C
606Q-A	06C
606Q-B	C01A
606R	04
607A-A	06D
607A-B	C01A
607B-A	C01A
607B-B	06D
607C-A	06C
607C-B	C01A
607D-A	C01A
607D-B	06C
607E-A	06C
607E-B	C01A
607F-A	C01A
607F-B	06C
607G-A	06C
607G-B	C01A
607H-A	C01A
607H-B	06C
607J-A	06C
607J-B	C01A
607K-A	C01A
607K-B	06C
607L-A	06C
607L-B	C01A
607M-A	C01A
607M-B	06C
607N-A	06C
607N-B	C01A
607P-A	C01A
607P-B	06C
607Q-A	06C
607Q-B	C01A
607R-A	C01A
607R-B	06C
607S	04

608A	04B
608B-A	C01A
608B-B	06C
608C-A	C01A
608C-B	06C
608D-A	C01A
608D-B	06C
608E-A	C01A
608E-B	06C
608F-A	C01A
608F-B	06C
608G-A	C01A
608G-B	06C
608H	C01A
608J	04
609	CK01A
610	CK01A
611	C01AAE
613	C01J
614A	01
614B	02
614C	01
614D	04
614E	CK01A
614F	CK01A
614G	04C
615B	04
615C	04C
615-A	C01AJ
615-B	06B
616	C01D
616B	C01S
616C	C01S
616D	C01S
616E	C01S
616F	C01S
616G	C01A
616H	C01S
616J	C01S
616K	C01S
617	05E
619-A	H02
619-B	CEK04
620	C01F
620B	C01A
620C-A	13
620C-B	C01A
620D	C01S
620E	C01S

620F	C01S
620G	C01M
626-A	C01AAD
626-B	C01M
627	C01S
629	C01S
630	C01S
631	C01S
632	C01S
635A	C01S
635B	C01S
635C	C01S
635D	C01S
635E	C01S
635F	C01S
635G	C01S
635H	C01S
635J	C01S
635K	C01S
635L	C01S
636	C01S
638	C01S
641	C01S
654B	02
654D	CK01A
654E	04
658	CEK03A
662A	C01S
662B	C01S
662C	C01S
662D	C01S
662E	C01S
662F	C01S
662G	C01S
668A	C01S
668B	C01S
668C	C01S
669A	C01S
669B	C01S
669C	C01S
669D	C01S
669E	C01A
679A	C01S
679B	C01S
679C	C01S
ST-B6	CEK06A
ST-C6-A	H01
ST-C6-B	09A
ST-D6	H01

7TH FLOOR	
700A-1	CK01A
700A2	C01M
700C	13
700C-A	CE04
700C-B	CE06A
700D-A	C01AL
700D-B	CE01D
700E-A	CE01D
700E-B	CE01D
702	CEK03A
703A	11A
703B	12
703C	C01M
703D	C01F
703E	11A
703F	12
703G	C01AK
703H	C01AK
703J	C01AK
704A	11A
704B	C01AK
704C	C01M
704D	C01AAF
704E	11A
704F	C01AK
704G	11A
704H	C01K
704J	C01M
704K	11A
704L	C01AK
705-A	C01W
705-B	C01W
706A	C01AK
706B	11A
706C	C01AK
706D	C01M
706E	C01AK
706F	11A
706G	C01AK
706H	11A
706J	C01M
706K	11A
706L	C01G
706M	C01S
706N	C01S
707	C01A
708	C01AAJ

709	CK01A
710	CK01A
711	05F
712A	C01AK
712B	C01AK
712C	C01AK
712D	C01AK
712E	C01AK
712F	C01AK
712G	C01AK
712H	C01AK
712J	C01AK
712K	C01AK
712L	C01AK
712M	C01AK
712N	C01AK
712P	C01AK
713	C01J
714A	01
714B	02
714C	01
714D	04
714E	CK01A
714F	CK01A
714G	04C
719	CEK04
736	C01G
737	C01AK
738	C01G
739	C01AK
740	C01G
742	C01G
744	C01G
746	C01G
748	C01G
749	C01AK
750	C01G
751	C01AK
753	C01AK
754A	01
754B	02
754C	01
754D	CK01A
754E	04
755	C01AK
756	C01H
757	C01AK
758	CEK03A
761	C01AK

763	C01AK
765	CK01C
ST-B7	CEK06A
ST-C7-A	H01
ST-C7-B	H01
ST-D7	H01

8TH FLOOR	
800A-A	CE06B
800A-B	CE05A
800B2-A	C01W
800B2-B	C01W
800C	13
801A	CK01B
802	CEK03A
803	C01AQ
807-A	CE05B
807-B	CE05B
809	CK01A
810	CK01A
811A	C01AK
811B	11A
811C	C01A
811D	C01AK
811E	C01A
811F	11A
811G	C01AK
811H	11A
811J	C01A
811K	C01AK
811L	C01A
811M	11A
811N	C01A
811P	11A
811Q	C01A
811R	11A
811S-A	C01M
811S-B	C01A
812A	C01AAF
812B	11A
812C	C01AK
812D	C01M
812E	C01AAH
812F	11C
812G	C01AAE
812H	12
812J	C01AK
812K	C01M
812L	C01AK

812M	12
812N	C01M
813	C01AH
814A	01
814B	02
814C	01
814D	04
814E	04
814F-A	C01AH
814G	CK01A
814H	CK01A
814J	04C
816-A	C01G
816-B	C01G
816A	C01S
816B	C01S
816C	C01S
816D	C01S
816E	C01S
816F	C01S
816G	C01S
816H	C01S
816J	C01S
816K	C01S
818-A	CE05
818-B	CE05
818A-B	C01M
818B	C01AR
819-A	H02
819-B	CEK04
832-A	C01AD
ST-B8	CEK06A
ST-C8-A	09A
ST-C8-B	H01
ST-D8	C01AH

9TH FLOOR	
900A	CE06C
900B1	C01P
900B2	C01P
900C	CE06D
900-C	13
901-A	CE02B
901-B	CE05
902	CEK03A
903	C01A
903A	04
904	C01A
904A	04

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907	C01AK
908	05F
909	CK01A
910	CK01A
911	C01M
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912A-B	ACE01
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PENTHOUSE	
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053	05A
055	C01A
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248	C01S
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250	C01S
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351D	C01S
353	C01S
354A	01
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355A	C01S
355B	C01S
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454C	01
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462C	C01S
462D	C01S
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479E	C01S
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479G	C01S
484	C01S
486	C01S
487	C01S
488	C01S
489	C01S
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492	C01AN
500E1	08
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551D	C01S
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SECTION 07 2119 - FOAMED-IN-PLACE INSULATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

- 1. Closed-cell spray polyurethane foam.
- 2. Intumescent coating for spray polyurethane foam.

- B. Related Requirements:

- 1. Section 07 2100 "Thermal Insulation" for foam-plastic board insulation.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Product Test Reports: For each product, for tests performed by a qualified testing agency.
- C. Evaluation Reports: For spray-applied polyurethane foam-plastic insulation, from ICC-ES.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: An authorized representative who is trained and approved by manufacturer.

PART 2 - PRODUCTS

2.1 CLOSED-CELL SPRAY POLYURETHANE FOAM

- A. Closed-Cell Spray Polyurethane Foam: ASTM C1029, Type II, minimum density of 1.5 lb/cu. ft. and minimum aged R-value at 1-inch thickness of 6.2 deg F x h x sq. ft./Btu at 75 deg F.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Accella Polyurethane Systems
 - b. BASF Corp. - Construction Chemicals.
 - c. CertainTeed Corporation.
 - d. Demilic – Heatlok XT
 - e. Dow Chemical Company (The).
 - f. Gaco Western LLC.
 - g. Henry Company.
 - h. Icynene-Lapolla.
 - i. Johns Manville; a Berkshire Hathaway company.
 - j. NCFI Polyurethanes; a division of Barnhardt Manufacturing Company.
 - k. SWD Urethane Company.
 - l. Volatile Free, Inc.
 - m. Xcerlus.
2. Surface-Burning Characteristics: Comply with ASTM E84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
 - a. Flame-Spread Index: 25 or less.
 - b. Smoke-Developed Index: 450 or less.
3. Fire Propagation Characteristics: Passes NFPA 285 testing as part of an approved assembly.
 - a. Intumescent coating for spray polyurethane foam to be applied to all spray foam located behind fiber cement panels.

2.2 INTUMESCENT COATING

- A. Intumescent Coating: High performance intumescent coating for Spray Polyurethane Foam (SPF) and provides a fire protective barrier to delay the involvement of the foam in a fire.
- B. Basis-of-Design Product: DC315 by International Fireproof Technology Inc.
 1. Finish: Flat.
 2. Color: Dark Gray.
 3. Testing:
 - a. ASTM E84 - Flame Spread 0 Smoke 10
 - b. UL 1715, NFPA 286
 - c. ASTM E2768- 30 minute Ignition Resistant material
 4. Application: Brush, roller, conventional and airless spray.

2.3 MISCELLANEOUS MATERIALS

- A. Primer: Material recommended by insulation manufacturer where required for adhesion of insulation to substrates.

- B. Transition Membrane: For use between spray polyurethane foam air barrier and roofing and other adjacent materials, and for use to flash around building fenestration, wall penetrations, and similar conditions, in accordance with local building codes.
 - 1. General: Comply with both general recommendations for air barriers and with air barrier material manufacturer's recommendations.
 - 2. Basis-of-Design Product: "ENERSHIELD®-I" fluid-applied air/water-resistive barrier membrane including:
 - a. Sheathing Joint Fabric: Air barrier manufacturer's reinforced, nonwoven, polyester fabric and preformed corners.
 - 1) Provide 6", pre manufactured corner reinforcement for use with sheathing joint fabric specified.
 - b. Transition Membrane: Polyester-faced, 30-mil thick, self-sealing, rubberized asphalt membrane.
 - c. Flashing Primer: Water-based primer.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Verify that substrates are clean, dry, and free of substances that are harmful to insulation.
- B. Priming: Prime substrates where recommended by insulation manufacturer. Apply primer to comply with insulation manufacturer's written instructions. Confine primers to areas to be insulated; do not allow spillage or migration onto adjoining surfaces.

3.2 INSTALLATION

- A. Comply with insulation manufacturer's written instructions applicable to products and applications.
- B. Spray insulation to envelop entire area to be insulated and fill voids.
- C. Apply in multiple passes to not exceed maximum thicknesses recommended by manufacturer. Do not spray into rising foam.
- D. Cavity Walls: Install into cavities to thickness indicated on Drawings.
- E. Miscellaneous Voids: Apply according to manufacturer's written instructions.
- F. Intumescent Coating: Apply according to manufacturer's written instructions, and at all plastic-foam insulation exposed to the interior.

3.3 PROTECTION

- A. Protect installed insulation from damage due to harmful weather exposures, physical abuse, and other causes.

END OF SECTION 07 2119

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SCOPE OF WORK
TC-029 – Drywall and Ceilings

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-029 Drywall and Ceilings

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION BID OPENING DATE: **January 29th, 2025**
PROCUREMENT TIME 3:00 P.M. E.D.T.
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

- Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Cold-Formed Metal Framing					\$
8	Sheathing					\$
9	Engineered Framing Systems					\$
10	Thermal Insulation					\$
11	Fluid-Applied Membrane Air Barriers					\$
12	Firestopping					\$
13	Joint Sealants					\$
14	Expansion Joint Cover Assemblies					\$
15	Hollow Metal Frames (Install)					\$
16	Shaft Wall Assemblies					\$
17	Non-Structural Metal Framing					\$
18	Gypsum Board					\$
19	Metal Ceilings					\$
20	Acoustical Ceilings					\$
21	Wood Ceilings					\$
22	Wall-Mounted Acoustic Panels					\$
23	Sound-Absorbing Ceiling Units					\$
24	Overhead & Profit					\$
Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
						\$
						\$
						\$
						\$

Attachment "B"
 SCOPE OF WORK
 TC-029 – Drywall and Ceilings

Allowances (to be included in bid amount)		
1	Document Control Server Allowance	\$3,000 \$5,000 (ADD #2)
2	Project BIM Coordinator Allowance	\$45,000
3	Cold Form Framing Alterations Allowance	\$50,000
4	Ceiling Coordination Allowance	\$50,000

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	<p>Contract Price is LUMP SUM. There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone:</p> <ul style="list-style-type: none"> a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. <p>Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.</p>
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

**Attachment “B”
SCOPE OF WORK
TC-029 – Drywall and Ceilings**

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 05 1000 – Structural Anchors b. 05 4000 – Cold-Formed Metal Framing – Structural c. 06 1600 – Sheathing (Partial) d. 07 2100 – Thermal Insulation (Partial) e. 07 2129 – K-13 Spray-On System (ADD #2) f. 07 2726 – Fluid-Applied Membrane Air Barriers g. 07 8413 – Penetration Firestopping h. 07 8443 – Joint Firestopping i. 07 9200 – Joint Sealants j. 07 9219 – Acoustical Joint Sealants k. 07 9513.13 – Interior Expansion Joint Cover Assemblies (Partial) l. 08 1113 – Hollow Metal Doors and Frames (Partial) m. 08 3113 – Access Doors and Frames n. 09 2116.23 – Gypsum Board Shaft Wall Assemblies o. 09 2216 – Non-Structural Metal Framing p. 09 2250 – Glassfiber Reinforced Gypsum (GRG) q. 09 2900 – Gypsum Board r. 09 5000 – Suspended Metal Panel Ceilings s. 09 5000.13 – Suspended Metal Blade Ceilings t. 09 5113 – Acoustical Panel Ceilings

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

	<ul style="list-style-type: none">u. 09 5426 – Suspended Wood Ceilingsv. 09 8411 – Wall-Mounted Acoustic Panelsw. 09 8436 – Sound-Absorbing Ceiling Unitsx. 10 2239 – Folding Panel Partitions (Partial)
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

C.	SPECIFIC SCOPE ITEMS
1	This Trade Contractor shall participate in the construction of on-site mock-ups as specified and indicated by the documents and/or noted elsewhere. This shall include providing materials required for this trade contract scope of work, coordinating with other trade contractors with regard to sequencing of installations and protection of materials etc..., furnishing shop drawings and /or setting drawings and so on. Materials for in place or interim mock-ups shall be secured in advance of normal procurement to allow for ALL trade contractor installations, owner/designer and user reviews and evaluations, meetings, approvals and directive if applicable. Mockups are understood to start with arrangement of wall rough-in through complete room finishes. At a minimum, a mock-up for each type of room will be constructed.
2	This contractor shall provide Structural Anchors (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 1000 .
3	This contractor shall provide Cold-Formed Metal Framing – Structural (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 4000 . <ul style="list-style-type: none"> a. Provide stand-alone dedicated crew separate from interior framing for all CFMF work. b. Coordinate roof and parapet framing with TC-002 Curtainwall and TC-024 Roofing contractor. c. Coordinate with Special Inspector as required.
4	This contractor shall provide Sheathing (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 06 1600 . <ul style="list-style-type: none"> a. This contractor to include all gypsum sheathing. Any plywood sheathing will be by TC-034 Interior General Trades.
5	This contractor shall provide Thermal Insulation (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 2100 . <ul style="list-style-type: none"> a. Insulation at concrete (foundation, slabs, etc) is by others. This contractor to include all other thermal insulation.
6	This contractor shall provide Penetration Firestopping as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 8413 . <ul style="list-style-type: none"> a. Provide firestopping where any component of building structure penetrates drywall partitions. b. Include additional 300 hours for Fire Stopping of unforeseen penetrations to be used at the discretion and approval of the Construction Manager.
7	This contractor shall provide Joint Firestopping (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 8443 . <ul style="list-style-type: none"> a. This includes all joints at interface between GWB partitions and structure, building envelope or other dissimilar partitions. b. Refer to Architectural Drawings for typical UL assemblies.
8	This contractor shall provide Joint Sealants (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 9200 .
9	This contractor shall provide Acoustical Joint Sealants (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 9219 . <ul style="list-style-type: none"> a. Provide all interior partition acoustical joint sealant in accordance with UL standards, excluding mechanical penetrations. b. Acoustical sealant to be installed at interfaces between GWB partitions, structure, building envelope or other partitions. c. Refer to Architectural Drawings for typical UL assemblies.
10	This contractor shall provide Interior Expansion Joint Cover Assemblies (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 9513.13 . <ul style="list-style-type: none"> a. Provide all Expansion Joint Cover Assemblies that occur in walls and ceilings.
11	This contractor shall provide Hollow Metal Doors and Frames (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 08 1113 . <ul style="list-style-type: none"> a. This contractor shall receive, shake-out and install HOLLOW METAL FRAMES in drywall partitions.

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

	<ul style="list-style-type: none"> b. Provide a detailed tracking sheet for all hollow metal frames delivered to jobsite. This would include tag numbers, date frames were delivered, verification of what is being delivered. Report any issues with frames to construction manager immediately. c. Assume frames will not be delivered prior to wall framing completion and include all necessary framing rework for frame installation. d. Any frames not accepted or that become void due to changes should be stored at a location designated by the CM. Information on voided frames should be recorded and submitted to the CM for potential re-use at other points during construction. e. This contractor shall be responsible for removing temporary welded metal struts at bottom of frames after installation is complete. All frames shall be supported at mid-span and at floor during drywall installation to prevent warping of frame. All double doors shall additionally be supported vertically. f. Hollow Metal frames in masonry or "other" partitions are by TC-034 General Trades. g. Installation of doors and hardware is by TC-034 General Trades. h. This contractor to verify, after drywall is hung, that all HM frames are plumb and level. TC-029 is to sign off on frame installation prior to handoff to TC-034 General Trades for door installation. i. Include an additional 300 hours for rework of hollow metal frames to be used at the discretion of the Construction Manager.
12	<p>This contractor shall provide Access Doors and Frames (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 08 3113.</p> <ul style="list-style-type: none"> a. Furnish and install access panels shown on the architectural documents and as needed for items that require access in ceilings/walls. Coordinate openings in ceilings/walls with other trades. b. Receive and install access panels supplied by MEP trades. Provide all necessary framing and blocking required for installation. c. In addition to the above, provide additional twenty (20) ea 24" x 24" 1 hour rated access panels with baked paint finish for use at the direction of the Construction Manager. d. Assume all access doors shall be lockable and able to receive a UK standard 7-pin cylinder and core.
13	<p>This contractor shall provide Gypsum Board Shaft Wall Assemblies (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 2116.23.</p> <ul style="list-style-type: none"> a. Include all shaft wall framing systems. Coordinate installation with Elevator, Structural, and MEP trades.
14	<p>This contractor shall provide Non-Structural Metal Framing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 2216.</p> <ul style="list-style-type: none"> a. Provide complete framing systems, suspension systems (i.e. supports for ceilings, suspended soffits, etc.), and any required auxiliary materials. b. This contractor to coordinate wall and ceiling rough opening dimensions required for others with the respective trade/vendor and/or the Construction Manager. c. Contractor to be cognizant of early placement of lower track. Any reasonably damaged track due to other construction activities is to be replaced by this contractor at no additional cost. Coordinate installation with CM. d. Coordinate installation of partition top track and/or clip angles with other trades before placement of spray on fireproofing, spray applied acoustical insulation, and MEP rough-in. Replacement of excessive fireproofing or spray applied acoustical insulation for install of this contractor's work, shall be carried by this contractor. e. This contractor to participate in "priority wall" framing meetings with MEP trades and CM to allow ease of installation and proper top-out and firesafing. Include provisions for out of sequence and come-back work associated with "priority wall" framing as dictated by CM. f. This contractor to coordinate with TC-031 Mechanical Contractor for duct main locations. This contractor will need to frame a header and leave out framing below where duct mains will be ran until duct is installed. g. This contractor shall vacuum all drywall partition track prior to installation of gypsum board and before in-wall inspections. Coordinate with construction manager.

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

	<ul style="list-style-type: none"> h. This contractor shall vacuum all drywall partition track prior to installation of gypsum board and before in-wall inspections. Coordinate with construction manager. i. Include brace framing/ "pony wall" supports for knee walls not otherwise shown with miscellaneous metal supports. j. This contractor is to include 500 additional hours (above & beyond base work scope) of framing rework to be used at the discretion and approval of the Construction Manager.
15	This contractor shall provide Glassfiber Reinforced Gypsum (GRG) (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 2250 .
16	<p>This contractor shall provide Gypsum Board (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 2900.</p> <ul style="list-style-type: none"> a. This includes but is not limited to: Gypsum wall board, ceilings, bulkheads, soffits, acoustical sealant, firestop safing & sealants associated with wall/ceiling assemblies, and all trim accessories. b. Coordinate openings in gypsum wall board with MEP trades. c. Include level 5 finish at any walls and soffits to receive "wall-wash"/cove lighting and as specified. d. Provide control joints in gypsum board wall construction as indicated. Verify final C.J. locations with CM and architect prior to work start. e. This contractor to include necessary drywall touch up normal and customary to the scope of work of this size, difficulty, and scale. Include all labor and material for this work. Timing of drywall touch-up and patching shall be directed by CM and be on a per area per floor basis. f. This contractor is to include 500 additional hours (above & beyond base work scope) of drywall finish touch-up with the necessary finishing materials and tools to be used at the discretion and approval of the Construction Manager.
17	<p>This contractor shall provide Suspended Metal Panel Ceilings (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 5000.</p> <ul style="list-style-type: none"> a. This contractor shall include cutting/notching of ceiling as needed for ceiling mounted devices and penetrations. b. Ceiling support wire must not impede access to above ceiling devices. This contractor to include all costs for reworking ceiling supports if deemed unacceptable by CM. c. Include on-site reviews (one for "first-install" and one at conclusion of work) from ceiling manufacturer to review ceiling installation.
18	<p>This contractor shall provide Suspended Metal Blade Ceilings (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 5000.13.</p> <ul style="list-style-type: none"> a. This contractor shall include cutting/notching of ceiling as needed for ceiling mounted devices and penetrations. b. Ceiling support wire must not impede access to above ceiling devices. This contractor to include all costs for reworking ceiling supports if deemed unacceptable by CM. c. Include on-site reviews (one for "first-install" and one at conclusion of work) from ceiling manufacturer to review ceiling installation.
19	<p>This contractor shall provide Acoustical Panel Ceilings (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 5113.</p> <ul style="list-style-type: none"> a. Provide all acoustical panels, suspension systems, accessories, and moldings and trims for ceilings as specified. b. Cutting of ceiling tiles for mechanical and electrical ceiling mounted devices will be by the respective trade. This contractor shall include cutting of tiles for sprinkler heads and all other ceiling penetrations. c. Ceiling support wire must not impede access to above ceiling devices. This contractor to include all costs for reworking ceiling supports if deemed unacceptable by CM. d. Include an additional 700 hours for miscellaneous ceiling repair to be used at the discretion and approval of the Construction Manager.
20	<p>This contractor shall provide Suspended Wood Ceilings (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 5426.</p> <ul style="list-style-type: none"> a. This contractor shall include cutting/notching of ceiling as needed for ceiling mounted devices and penetrations.

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

	<p>b. Ceiling support wire must not impede access to above ceiling devices. This contractor to include all costs for reworking ceiling supports if deemed unacceptable by CM.</p> <p>c. Include on-site reviews (one for "first-install" and one at conclusion of work) from ceiling manufacturer to review ceiling installation.</p>
21	This contractor shall provide Wall-Mounted Acoustic Panels (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 8411 .
22	This contractor shall provide Sound-Absorbing Ceiling Units (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 8436 .
23	<p>This contractor shall provide Folding Panel Partitions (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 10 2239.</p> <p>a. Folding Panel Partitions are provided by TC-034 General Trades. This contractor is to provide all required soffit/bulkhead work to allow for installation of folding panel partitions. Include all trim accessories needed for a complete installation.</p> <p>b. Provide drywall touch up of bulkheads after partitions are installed.</p>
24	Assume all work at areas adjacent to Buckhoist will be out of sequence. Include all required rework and "comeback" work to finish these areas.
25	This contractor is responsible for the REQUIRED FINISH LEVEL as indicated in the specifications. For any completed finish that is deemed "unacceptable" by the architect after paint is applied, this contractor shall be responsible for all re-finishing and re-painting costs unless the unsatisfactory finishes were a result of other trades work in the area.
26	Refer to ROOM FINISH AND MATERIAL SCHEDULES AND PLANS for material selections and locations. Include and coordinate the Room Finish Schedule with the complete set of project drawings. If discrepancies are found between the Finish Schedule, Finish Plans, and Specifications, this contractor shall notify the construction manager immediately of discrepancies. Contractor shall review contract documents and understand that there are alternate finishes included. Pay special attention to the language defining the alternates.
27	Include coordination for framing openings for Equipment Furnished By Others indicated on the documents and per specifications and equipment plans. This contractor is to provide trim pieces, fillers and closures and required.
28	This Subcontractor shall layout all interior partitions and exterior walls as soon as practical after floors slabs are poured. Layout should be sufficiently accurate, clear, and long lasting such that it can be used to guide all trades working in the building. Note that this layout may occur long before the facility is ready for light gauge metal framing work to start. Layout shall be coordinated with control lines provided by others. Layout shall also be coordinated with exterior skin locations as it relates to structural steel plumbness tolerances.
29	This contractor will note and adhere to the following sequencing of drywall finishing and painting: The painting subcontractor will provide one (1) primer and two (2) finish coats of paint specified, on all drywall partitions. After the painting subcontractor applies the primer coat and one (1) finish coat to the drywall partitions as per the sequence in the project schedule, the final finish coats of paint will be withheld until the TC-029 Contractor performs and completes one pass-through of touch up of nicks, small holes, scratches, etc., in the drywall partitions, beginning at the direction of the Turner Project Superintendent. At such time as directed by the Turner Project Superintendent, and in accordance with the project schedule, the Painting Subcontractor will then return to the areas as sequenced, perform re-priming of the drywall areas touched up by the drywall subcontractor, and then complete the final coat of paint. This sequencing will not preclude the subcontractors from performing punch list work covering defective workmanship, as identified by Turner and/or the architect.
30	<p>This Contractor is to include all Building Information Modeling per the contract documents. Refer to attachment H for BIM requirements associated with this scope. All costs for the BIM process for this scope of work shall be included in the base bid. Include the scheduled Document Control Server Allowance for Box server use and hardware/software, as well as the Project BIM Coordinator Allowance for 3rd party BIM manager directed by the Construction Manager. These allowances are not for the use of the MEP trades for their coordination.</p> <p>a. This Trade Contractor shall be responsible to reflect the actual location of king studs, ceiling heights, hard ceiling locations, above ceiling framing, etc. in the BIM.</p>

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

	b. This Trade Contractor shall also include an additional 160 hours of BIM coordination to be used at the Owner/CM's discretion
31	Due to the size of this scope of work, provide a full-time on-site Project Manager for the duration of work. (ADD #2)
32	This contractor shall install K-13 SPRAY-ON SYSTEM (COMPLETE) in accordance with the contract documents and section 07 2129. (ADD #2)

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Firestopping/Acoustical Sealant for MEP Penetrations
3.	Furnishing Hollow Metal Doors and Frames

E.	ALLOWANCES
	The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project. Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.
1.	Document Control Server Allowance - \$3,000 \$5,000 (ADD #2)
2.	Project BIM Coordinator Allowance - \$45,000
3.	Cold Form Framing Alterations Allowance - \$50,000
4.	Ceiling Coordination Allowance - \$50,000

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: <ul style="list-style-type: none"> a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

Attachment "B"
SCOPE OF WORK
TC-029 – Drywall and Ceilings

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-030-Plumbing

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION BID OPENING DATE: **January 29th, 2025**
PROCUREMENT TIME **3:00 P.M. E.D.T.**
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.
 - Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing
FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

UNIT PRICES

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

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PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing
BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Waste & Vent Piping					\$
8	BIM Coordination					\$
9	Domestic Water Piping					\$
10	Plumbing Equipment					\$
11	Plumbing Fixtures					\$
12	Fuel Oil System					\$
13	Lab Compressed Air Piping					\$
14	Lab Vacuum System					\$
17	Lab Fixtures					\$
18	Startup, Test & Balance					\$
19	Firestopping					\$
20	Commissioning					\$
21	Overhead & Profit					\$
Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1.	Document Control Server Allowance					\$3,000 \$5,000 (ADD #2)
2.	Project BIM Coordinator Allowance					\$45,000
3.	Temporary Utility Consumption Allowance					\$50,000
4.	Steel Penetration Coordination Allowance					\$15,000
5.	Additional Medical and Laboratory Equipment Coordination Allowance					\$50,000

Total Labor Hours = _____

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below.
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. a. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample 3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P- Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 Temporary Power Plan
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 03 3000 – Cast-In-Place Concrete b. 05 1000 – Structural Anchors c. 07 8100 – Applied Fire Protection d. 07 8123 – Intumescent Fire Protection e. 07 8413 – Penetration Firestopping f. 07 9200 – Joint Sealants g. 07 9219 – Acoustical Joint Sealants h. Div. 11 (Partial) i. Div. 13 (Partial) j. 20 0150 – General Provisions – Mechanical k. 20 0250 – Scope of the Mechanical Work l. 20 0350 – Shop Drawings, Descriptive Literature, Maintenance Manuals, Parts Lists, Special Keys and Tools m. 20 0550 – Coordination Among Trades, Systems Interfacing and Connection of Equipment Furnished by Others n. 20 1150 – Sleeving, Cutting, Patching and Repairing o. 20 1250 – Excavation, Trenching, Backfilling and Grading p. 20 1350 – Pipe, Pipe Fittings, and Pipe Support q. 20 1355 – Welding

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

	<ul style="list-style-type: none">r. 20 2155 – Access to Valves, Equipment, Filters, Etc.s. 20 2250 – Insulation - Mechanicalt. 20 2350 – Thermometers and Others, Monitoring Instrumentsu. 20 2450 – Identifications, Tags, Charts, Etc.v. 20 2550 – Hangers, Clamps, Attachments, Etc.w. 20 2650 – Mechanical/Electrical Vibration Controls and Seismic Restraintsx. 20 3150 – Testing, Balancing, Lubrication and Adjustmentsy. 22 0150 – Plumbing Specialtiesz. 22 0250 – Plumbing Fixtures, Fittings and Trimaa. 22 0350 – Plumbing Equipmentbb. 22 0450 – Fuel Oil Storage and Distribution Systemcc. 22 0550 – Compressed Air Systemdd. 22 0650 – Lab Gas Piping Systemsee. 22 1113 – Facility Water Distribution (ADD #2)ff. 22 1313 – Facility Sanitary Sewer (ADD #2)gg. 23 1253 – Facility Fuel-Oil Pumpshh. 23 1214 – Facility Fuel-Oil Tankii. 23 8454 – RO Water
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

C.	SPECIFIC SCOPE ITEMS
1.	Testing shall be done by floor and by area. Contractor shall include any valves as necessary to separate an area from another. Review attachment G Project Schedule for estimated inspection times and inspections need to be coordinated with superintendent.
2.	Provide all rough-in as required for coordination with TC-026 Plumbing Risers Contractor and provide all final installations including all trim and finishes and caulking.
3.	This Contactor shall survey and gain signed approval by Turner of all previously installed Shaft and Riser Plumbing prior to connections to the installed work. Assume this sign off to be by floor by area. This scope includes testing and approval of all plumbing to be connected to installed work, prior to connections.
4.	This Contractor shall coordinate its' work scope with the drywall partitions trade contractor who will be responsible to build in all openings in the partition walls for all equipment, duct, conduit and pipe penetrations, and shall include all required lintels. The HVAC, electrical, fire protection and plumbing trade contractor shall be required to coordinate locations and provide layout drawings of all penetrations prior to start of partition work. For penetrations missed for installation in normal sequence by the drywall trade contractor, the offending trade contractor will bear the full cost of installation, including cutting wall, reinforcing wall, and refinishing the wall around the penetration.
5.	This Contractor shall assume up to 50% of stud wall framing (to include drywall top out) at each floor will be completed prior to plumbing installation identified as priority walls. Priority walls (locations where ductwork/ other MEP systems are tight to adjacent drywall walls) will be the first identified and installed by the drywall contractor. Drywall top out will terminate at an elevation a minimum of 1'-0" above finish ceiling grid line to allow for conduit, piping rough in prior to the balance of the wall drywall is completed.
6.	This Trade Contractor shall include all materials, labor, tools, and equipment to provide all STRUCTURAL SUPPORTS & ANCHORS (COMPLETE) as required by the Contract Documents and in accordance with section 05 1000 . <ul style="list-style-type: none"> a. All systems must meet seismic and structural requirements as indicated on the structural drawings. b. Provide and install all support and all blocking for all Plumbing & related equipment. All equipment supports, isolators, and pipe supports required to complete this scope shall be furnished and installed by this Trade Contractor. This includes any miscellaneous metals, hangers, bridging, etc. Structural supports associated with any items installed in Trade Contractor's work.
7.	This Trade Contractor shall include all materials, labor, tools, and equipment to provide all APPLIED FIRE PROTECTION (COMPLETE) as required by the Contract Documents and in accordance with section 07 8100 . <ul style="list-style-type: none"> a. This contractor shall provide all Fireproof Patching or Intumescent Coating that has been removed for installation of hangers and support for this scope. (This Contractor shall assume all attachments to support steel will have Fireproofing installed prior to their work scope proceeding on site.)
8.	This Trade Contractor shall furnish and install all sleeves and blockouts for this contractor's penetrations of walls, floors, steel, and roof. The cutting of metal deck as required to install the work shall be included. Any reinforcement of the deck that is required but not shown on the structural drawings is to be included in this work. This Trade Contractor is responsible for all curbs, thimbles, counter flashings, clamping rings, sealants, etc., required at roof penetrations of material and equipment covered by this work. This would include but not be limited to vents flashings, and any special curbs or flashing required. This contractor shall coordinate with the construction manager and the TC-020 CIP Shafts and Decks contractor to install all sleeve prior to concrete placement. Assume multiple mobilizations are needed. Any and all costs for core drilling required for plumbing systems raceways due to failure to coordinate the installation of sleeves and/or their incorrect location will be borne by this contractor. <ul style="list-style-type: none"> a. Per UK standards, all sleeves/blockouts shall be a minimum of 1.5" above finished floor. This work scope shall include "metal collars" (sealed) as necessary for any existing or new sleeve installations not 1.5" above the finished floor elevation (not concrete elevation). This Trade Contractor is responsible for protection of all sleeves installed for (or existing) their scope of work. b. This contractor is to gain fire stopping inspection at the floor level PRIOR to installing the 1.5" metal collar. The installation of the metal collar and floor fire stopping shall not be in one action preventing proper fire stop inspection. c. All roof penetrations are to be included in this work scope. This contractor is to include all costs to repair/tie-in/patch the roofing utilizing the TC-024 roofing contractor of record. This includes any work

Attachment "B"
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TC-030 – Plumbing

	<p>included in this contract. Any roof or floor protection required for the movement of workmen or equipment is to be included.</p> <p>d. All openings installed under this scope are the sole responsibility of this contractor to ensure that they are water tight prior to their end of shift. This contractor shall coordinate openings with proper trades.</p> <p>e. This contractor shall provide all Firestopping at all rated penetrations in coordination with installation of rated assemblies.</p>
9.	<p>This contractor shall provide CAST-IN-PLACE CONCRETE (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 03 3000.</p> <p>a. This Trade Contractor shall provide any curbs and/or housekeeping pads, concrete anchors for all equipment, etc. contained in this work scope. This includes pads that are not shown on the contract drawings, yet required for the work of this contract. This includes concrete for any pre-purchased equipment by the owner. This Trade Contractor shall coordinate size and layout of pads. This scope includes all design and installation of anchorage of the equipment per approved details. Provide BIM modeling and coordination for review and approval prior to placement of Pads.</p>
10.	<p>This contractor shall provide PENETRATION FIRESTOPPING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 8413.</p>
11.	<p>This contractor shall provide JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9200.</p>
12.	<p>This contractor shall provide ACCOUSTICAL JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9919.</p>
13.	<p>This contractor shall provide ACCESS DOORS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 08 3113.</p> <p>a. This Contractor shall provide all Access Doors for all in-wall or above ceiling equipment and components that require access for maintenance and repair. Coordinate installation with Finishes Trades.</p>
13.	<p>This contractor shall provide GENERAL PROVISIONS-MECHANICAL (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 0150.</p>
14.	<p>This contractor shall provide SCOPE OF THE MECHANICAL WORK (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 0250.</p>
15.	<p>This contractor shall provide Shop Drawings, Descriptive Literature, Maintenance Manuals, Parts Lists, Special Keys and Tools (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 0350.</p>
16.	<p>This contractor shall provide Coordination Among Trades, Systems Interfacing and Connection of Equipment Furnished by Others (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 0550</p>
17.	<p>This contractor shall provide Sleeving, Cutting, Patching and Repairing (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 1150.</p>
18.	<p>This contractor shall provide EXCAVATION, TRENCHING, BACKFILLING, AND GRADING (COMPLETE) for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 1250.</p>
19.	<p>This contractor shall provide PIPE, PIPE FITTINGS, AND PIPE SUPPORT (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 1350.</p>
20.	<p>This contractor shall provide WELDING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 1355.</p>
19.	<p>This contractor shall provide VALVES AND COCKS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2150.</p>
20.	<p>This contractor shall provide ACCESS TO VALVES, EQUIPMENT, FITLERS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section. 20 2155.</p> <p>a. These access zones shall be incorporated in the BIM coordination.</p>
21.	<p>This contractor shall provide INSULATION (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2250.</p>

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

	a. This trade contractor is to include an additional 500 labor hours and \$10,000 in material of additional insulation repair to be used at the CM's discretion.
22.	This contractor shall provide THERMOMETERS AND OTHERS, MONITORING INSTRUMENTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2350 .
23.	This contractor shall provide IDENTIFICATIONS, TAGS, CHARTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2450 .
24.	This contractor shall provide HANGERS, CLAMPS, ATTACHMENTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2550 .
25.	This contractor shall provide MECHANICAL/ELECTRICAL VIBRATION CONTROLS AND SEISMIC RESTRAINTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2650
26.	This contractor shall provide TESTING, BALANCING, LUBRICATION AND ADJUSTMENTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 3150 . <ul style="list-style-type: none"> a. This Contractor will provide all Chlorination of the Domestic Water System. This scope includes all previously installed piping, valves, and accessories in order to provide a complete building chlorination report for review and approval by the Authority Having Jurisdiction. b. This Contractor shall provide all Domestic Water Balancing required per the specifications and contract documents. Balancing will include all Riser and Shaft piping previously installed to provide a complete building balance for each system. c. This Contractor shall provide participation and assistance during Final Commissioning of all equipment and systems installed in this scope of work near the substantial completion of the project. This contractor shall assume a remobilization for this work. This Contractor shall provide personnel for support of Commissioning of Equipment and Systems within the Building for all systems that this contractor has installed components and/or piping. This scope will include any adjusting of equipment, dampers, valves, etc. as needed to address Commissioning comments / requirements to meet Contract Document requirements. d. This Contractor shall provide all required Startup and Testing for all systems as required in the specifications. Provide complete test reports for approval prior to closing up of any systems.
27.	This contractor shall provide PLUMBING SPECIALTIES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 22 0150
28.	This contractor shall provide PLUMBING FIXTURES, FITTINGS AND TRIM (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 22 0250 . <ul style="list-style-type: none"> a. TC-013 and TC-026 Contractors provided all floor drains and trap primers in all mechanical rooms, basement, and penthouse areas. This contractor is to provide all additional floor drains and trap primers shown in the documents.
29.	This contractor shall provide PLUMBING EQUIPMENT (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 22 0350 .
30.	This contractor shall provide FUEL OIL STORAGE AND DISTRIBUTION (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 22 0450 .
31.	This contractor shall provide COMPRESSED AIR SYSTEM (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 22 0550 .
32.	This contractor shall provide LAB GAS PIPING SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 22 0650
33.	This contractor shall provide FACILITY WATER DISTRIBUTION (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 22-1113-(ADD #2)
34.	This contractor shall provide FACILITY SANITARY SEWER (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 22-1313-(ADD #2)
35.	This contractor shall provide FACILITY FUEL – OIL PUMPS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 23 1253 .

**Attachment “B”
SCOPE OF WORK
TC-030 – Plumbing**

	<ul style="list-style-type: none"> a. Fuel Oil Storage Tank, Fuel Oil Day Tank, Fuel Oil Pump, Fuel Oil Control Panel, Fuel Oil Piping, valves and accessories for complete connections and operation of the Fuel Oil System for the Emergency Generator. b. All piping connecting these systems, including to the generator. Coordination with generator for final locations of piping.
36.	<p>This contractor shall provide FACILITY FUEL – OIL TANK (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section. 23 1214.</p> <ul style="list-style-type: none"> a. This contractor is to provide fuel for Generator Fuel Outdoor Storage and Indoor Day Tanks for initial startup of Generator, and at completion of all testing, top off fuel for those tanks.
37.	<p>This contractor shall provide RO WATER (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 23 8454.</p>
38.	<p>This contractor shall provide Connections to Laboratory Equipment per the Plumbing (P) and Equipment (QL) drawings and Divisions 11 and 13 of the specifications. This scope includes coordination with all casework and fixtures for Exam Rooms, Laboratories, Skills Labs, Vending Areas, Sim Labs and all other locations related to the installation of all listed fixtures.</p> <ul style="list-style-type: none"> a. This Contractor will Review all Laboratory Drawings, Laboratory Casework and Laboratory Equipment Schedules for all required connections. Provide all piping and fittings for complete installations and testing. b. This Contractor shall provide all Gas Outlets at all Fume Hoods as noted in the Laboratory Drawings and Details. Provide complete internal and external piping to the Outlets. Coordinate with Laboratory Vendor on all requirements and installation details. c. This Contractor shall provide all Gas Cylinder Racks and Restraints as noted in the Laboratory Drawings and Details. Provide all material, hardware, anchors and accessories for complete Rack and Restraint installations. Provide Shop Drawings for review and approval prior to fabrication and installation. Coordinate all backing requirements with Framing Trade Contractor.
39.	<p>This Contractor shall provide connections to all Owner Provided Equipment as noted in the contract documents. Coordinate receiving with Manufacturer’s Representatives delivery dates and project schedules. For owner furnished equipment which may have utility connection requirements, provide rough-in and final connections to the Owner furnished equipment and coordinate complete installation as required. Coordinate any utility work shown on documents with the appropriate subcontractor and in accordance with specification section 26 0504. This includes things of “like scope” items listed as associated with this work scope.</p> <ul style="list-style-type: none"> a. The above equipment may come with loose miscellaneous accessories such as sensors, switches, power filters, etc. and multiple points of connection over and above what is called for in the documents. This Contractor shall provide any miscellaneous piping, testing, etc. to make the equipment fully operational. b. This contractor shall provide the Piping, Supports, Misc. Steel, and Accessories for complete connection to equipment locations. c. Coordinate and complete connections to Owner furnished equipment as indicated in the contract documents.
40.	<p>This Contractor shall include 500 Journeyman Overtime Premium Work Hours to be used for schedule maintenance by the Construction Manager. The trade contractor must include all travel, per diem, fringes, OH&P, etc. costs (a fully loaded rate) on these hours and they are only to be used by the trade contractor at the direction and approval of the Construction Manager. These hours will be logged and usage tracked. Usage of these hours can occur during the week or on Saturdays – no Sundays are intended.</p>
41.	<p>This Contractor is to include all Build Information Modeling per the contract documents. Refer to attachment H for BIM requirements associated with this scope. All costs for the BIM process for this scope of work shall be included in the base bid. Include the scheduled Document Control Server Allowance for Box server use and hardware/software, as well as the Project BIM Coordinator Allowance for 3rd party BIM manager directed by the Construction Manager. These allowances are not for the use of the MEP trades for their coordination.</p> <ul style="list-style-type: none"> a. This Trade Contractor shall be responsible to reflect the actual location of piping where connections are to be made with existing work in the BIM. b. This Trade Contractor shall also include an additional 160 hours of BIM coordination to be used at the Owner/CM’s discretion

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

42.	<p>The intent is to utilize the coordination in the 3D model to prefabricate off-site as much material as possible. All materials possible will be Prefabricated and packaged for Just-in-Time delivery at the job site and be on wheels for delivery to the area of install. No pre-packaged or loose materials to be delivered to the job site that will not be installed within 4 days of delivery.</p> <ol style="list-style-type: none"> The intent of this scope is to have Prefabricated Piping and Offsets in a Kit-of-Parts style that can be installed overhead and in walls. The contractors' shop drawings should reflect this intended scope. During BIM coordination, zones will be determined for above ceiling systems installations. Prefabrication and installation will be determined by these zones. If it is determined through BIM coordination that contractors will have to stack in a "rack like" configuration, these contractors shall coordinate the prefabrication of these racks with each other.
43.	<p>Due to the size of this scope of work, provide a full-time on-site Project Manager for the duration of work. (ADD #2)</p>

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	All storm piping and insulation
3.	All domestic water and sanitary vertical riser piping and insulation
4.	Floor Drains and Trap Primers in Basement, Mechanical Room, and Penthouse Areas.

E.	ALLOWANCES	
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>	
1.	Document Control Server Allowance	\$3,000 \$5,000 (ADD #2)
2.	Project BIM Coordinator Allowance	\$45,000
3.	Temporary Utility Consumption Allowance	\$50,000
4.	Steel Penetration Coordination Allowance	\$15,000
5.	Additional Medical and Laboratory Equipment Coordination Allowance	\$50,000

Attachment "B"
SCOPE OF WORK
TC-030 – Plumbing

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-031 – Mechanical - HVAC

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION BID OPENING DATE: **January 29th, 2024**
PROCUREMENT TIME **3:00 P.M. E.D.T.**
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC
Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
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Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.
 - Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC
FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

CITY STATE ZIP CODE FAX _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC
BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- (01)___ Small Business (06)___ Woman-Owned Large Business
(02)___ Large Business (07)___ Disadvantaged Woman-Owned
Small Business
(03)___ Disadvantaged Small
Business (08)___ Disadvantaged Woman-Owned
Large Business
(04)___ Disadvantaged Large
Business (09)___ Other
(05)___ Woman-Owned Small Business

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

THE FOLLOWING ITEMS ARE HEREWITH ENCLOSED AS REQUIRED BY KRS 45A.185

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

UNIT PRICES

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
Ductwork	LB	
Duct Insulation	SF	
Welded Piping	LF by Size	
Copper Piping	LF by Size	
Pipe Insulation	LF by Size	
Hangers	EA by Size	
Fire Stopping Penetration for Ductwork	EA	
Fire Stopping Penetration for Piping	EA	

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC
HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
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PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Equipment					\$
8	Startup, Test & Balance					\$
9	BIM Coordination					\$
10	Ductwork, VAV Boxes, Reheat Coils & Duct Accessories					\$
11	Ductwork Insulation					\$
12	FSD Test Support & Adjust					\$
13	Mechanical Piping					\$
14	Condensate Piping					\$
15	Mechanical Piping Insulation					\$
16	Housekeeping Pads					\$
17	Startup, Test and Commission Equipment					\$
18	Firestopping					\$
19	Overhead & Profit					\$
Please list and break down below any work that has not been listed above						
						\$
						\$
						\$

Attachment "B"
 SCOPE OF WORK
 TC-031 – Mechanical Systems – HVAC

Allowances (to be included in bid amount)		
1	Controls Contractor Allowance	\$3,771,300
2	Controls Alterations Allowance	\$50,000
3	Document Control Server Allowance	\$3,000 \$5,000 (ADD #2)
4	Project BIM Coordinator Allowance	\$45,000
5	Temporary Utility Consumption Allowance	\$50,000
6	Steel Penetration Coordination Allowance	\$15,000
7	Additional Medical and Laboratory Equipment Coordination Allowance	\$50,000

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC
SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: <ul style="list-style-type: none"> a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample 3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 03 3000 – Cast-In-Place Concrete b. 05 1000 – Structural Anchors c. 07 8100 – Applied Fire Protection d. 07 8123 – Intumescent Fire Protection e. 07 8413 – Penetration Firestopping f. 07 9200 – Joint Sealants g. 07 9219 – Acoustical Joint Sealants h. 08 3113 – Access Doors i. Division 11 (Partial) j. Division 12 (Partial) k. 20 0150 – General Provisions - Mechanical l. 20 0250 – Scope of the Mechanical Work m. 20 0350 – Shop Drawings, Descriptive Literature, Maintenance Manuals, Parts Lists, Special Keys and Tools n. 20 0550 – Coordination Among Trades, Systems Interfacing and Connection of Equipment Furnished by Others o. 20 1150 – Sleeving, Cutting, Patching and Repairing p. 20 1250 Excavation, Trenching, Backfilling and Grading q. 20 1350 – Pipe, Pipe Fittings, and Pipe Support

Attachment "B"
 SCOPE OF WORK

TC-031 – Mechanical Systems – HVAC

	<ul style="list-style-type: none"> r. 20 1355 – Welding s. 20 2150 – Valves and Cocks t. 20 2155 – Access to Valves, Equipment, Filters, Etc. u. 20 2250 – Insulation - Mechanical v. 20 2350 – Thermometers and Others, Monitoring Instruments w. 20 2450 – Identifications, Tags, Charts, Etc. x. 20 2550 – Hangers, Clamps, Attachments, Etc. y. 20 2650 – Mechanical/Electrical Vibration Controls and Seismic Restraints z. 20 3150 – Testing, Balancing, Lubrication and Adjustments aa. 23 0150 – Pumps bb. 23 0250 – HVAC Equipment cc. 23 0350 – Condensate Drainage dd. 23 0850 – Commissioning of HVAC ee. 23 1150 – Registers, Grilles, Diffuser and Louvers ff. 23 1250 – Sheet Metal & Flexible Duct gg. 23 8453 – Humidifiers hh. 25 0150 – Motor Starters and Other Electrical Requirements for Mechanical Equipment ii. 25 0250 – Instrumentation and Control for HVAC
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

C.	SPECIFIC SCOPE ITEMS
1.	Testing shall be done by floor and by area. Contractor shall include any valves as necessary to separate an area from another. Review attachment G Project Schedule for estimated inspection times and inspections need to be coordinated with superintendent.
2.	Provide all rough-in as required for coordination with TC-025 Mechanical Risers Contractor and provide all final installations including all trim and finishes and caulking.
3.	This Contractor shall survey and gain signed approval by Turner of all previously installed Shaft and Riser Mechanical contractor prior to connections to the installed work. Assume this sign off to be by floor by area. This scope includes testing and approval of all mechanical equipment to be connected to installed work, prior to connections.
4.	This Contractor shall coordinate his work scope with the drywall partitions trade contractor who will be responsible to build in all openings in the partition walls for all equipment, duct, conduit and pipe penetrations, and shall include all required lintels. The HVAC, electrical, fire protection and plumbing trade contractor shall be required to coordinate locations and provide layout drawings of all penetrations prior to start of partition work. For penetrations missed for installation in normal sequence by the drywall trade contractor, the offending trade contractor will bear the full cost of installation, including cutting wall, reinforcing wall, and refinishing the wall around the penetration.
5.	This Contractor shall assume up to 50% of stud wall framing (to include drywall top out) at each floor will be completed prior to mechanical installation identified as priority walls. Priority walls (locations where ductwork/ other MEP systems are tight to adjacent drywall walls) will be the first identified and installed by the drywall contractor. Drywall top out will terminate at an elevation a minimum of 1'-0" above finish ceiling grid line to allow for conduit, piping rough in prior to the balance of the wall drywall is completed.
6.	This Trade Contractor shall include all materials, labor, tools, and equipment to provide all STRUCTURAL SUPPORTS & ANCHORS (COMPLETE) as required by the Contract Documents and in accordance with section 05 1000 . <ul style="list-style-type: none"> a. All systems must meet seismic and structural requirements as indicated on the structural drawings. b. Provide and install all support and all blocking for all Mechanical & related equipment. All equipment supports, isolators, and pipe supports required to complete this scope shall be furnished and installed by this Trade Contractor. This includes any miscellaneous metals, hangers, bridging, etc. Structural supports associated with any items installed in Trade Contractor's work.
7.	This Trade Contractor shall include all materials, labor, tools, and equipment to provide all APPLIED FIRE PROTECTION (COMPLETE) as required by the Contract Documents and in accordance with section 07 8100 . <ul style="list-style-type: none"> a. This contractor shall provide all Fireproof Patching or Intumescent Coating that has been removed for installation of hangers and support for this scope. (This Contractor shall assume all attachments to support steel will have Fireproofing installed prior to their work scope proceeding on site.)
8.	This Trade Contractor shall furnish and install all sleeves and blockouts for this contractor's penetrations of walls, floors, steel, and roof. The cutting of metal deck as required to install the work shall be included. Any reinforcement of the deck that is required but not shown on the structural drawings is to be included in this work. This Trade Contractor is responsible for all curbs, thimbles, counter flashings, clamping rings, sealants, etc., required at roof penetrations of material and equipment covered by this work. This would include but not be limited to vents flashings, and any special curbs or flashing required. This contractor shall coordinate with the construction manager and the TC-020 CIP Shafts and Decks contractor to install all sleeve prior to concrete placement. Assume multiple mobilizations are needed. Any and all costs for core drilling required for plumbing systems raceways due to failure to coordinate the installation of sleeves and/or their incorrect location will be borne by this contractor. <ul style="list-style-type: none"> a. Per UK standards, all sleeves/blockouts shall be a minimum of 1.5" above finished floor. This work scope shall include "metal collars" (sealed) as necessary for any existing or new sleeve installations not 1.5" above the finished floor elevation (not concrete elevation). This Trade Contractor is responsible for protection of all sleeves installed for (or existing) their scope of work. b. This contractor is to gain fire stopping inspection at the floor level PRIOR to installing the 1.5" metal collar. The installation of the metal collar and floor fire stopping shall not be in one action preventing proper fire stop inspection.

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

	<p>c. All roof penetrations are to be included in this work scope. This contractor is to include all costs to repair/tie-in/patch the roofing utilizing the TC-024 roofing contractor of record. This includes any work included in this contract. Any roof or floor protection required for the movement of workmen or equipment is to be included.</p> <p>d. All openings installed under this scope are the sole responsibility of this contractor to ensure that they are water tight prior to their end of shift. This contractor shall coordinate openings with proper trades.</p> <p>e. This contractor shall provide all Firestopping at all rated penetrations in coordination with installation of rated assemblies.</p>
9.	<p>This contractor shall provide CAST-IN-PLACE CONCRETE (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 03 3000.</p> <p>a. This Trade Contractor shall provide any curbs and/or housekeeping pads, concrete anchors for all equipment, etc. contained in this work scope. This includes pads that are not shown on the contract drawings, yet required for the work of this contract. This includes concrete for any pre-purchased equipment by the owner. This Trade Contractor shall coordinate size and layout of pads. This scope includes all design and installation of anchorage of the equipment per approved details. Provide BIM modeling and coordination for review and approval prior to placement of Pads.</p>
10.	<p>This contractor shall provide PENETRATION FIRESTOPPING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 8413.</p>
11.	<p>This contractor shall provide JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9200.</p>
12.	<p>This contractor shall provide ACCOUSTICAL JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9919.</p>
13.	<p>This contractor shall provide ACCESS DOORS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 08 3113.</p> <p>a. This Contractor shall provide all Access Doors for all in-wall or above ceiling equipment and components that require access for maintenance and repair. Coordinate installation with Finishes Trades.</p>
14.	<p>This contractor shall provide GENERAL PROVISIONS - MECHANICAL (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 0150.</p>
15.	<p>The following scope of work for HVAC Controls Instrumentation has been issued as a separate stand-alone RFP. It is the expectation that this TC-031 Mechanical contractor will enter into a contract with ATS Integrated Solutions. Contact Justin Lusk at 502.381.5914 or email justin.lusk@atsintegrated.com for further details. TC-031 shall be responsible for the complete controls scope of work as it relates the Interior Fit Out scope as summarized below.</p> <p>This Trade Contractor shall include all materials, labor, tools, and equipment required to install a complete and functioning HVAC Controls Instrumentation systems including, but not limited to, all scope of work noted in Drawings and Specifications.</p> <p>a. Assume multiple deliveries for equipment to comply with project schedule and need.</p> <p>b. All warranties are to start from the substantial completion date.</p> <p>c. This supplier shall include participation in all start up, testing and commissioning of the Controls and associated / connected equipment and systems.</p> <p>d. All applications are to be PICS & BIBBS Compatible and Connectable</p> <p>e. Provide all required Files to UEM</p> <p>f. Provide Complete licenses for every point in each JACE</p> <p>g. Provide all required controls and instrumentation devices including, but not limited to: control valves, flow meters, water pressure differential taps, flow switches, thermal wells, thermal and pressure sensors, current sensors, actuators, air flow monitoring stations, control dampers, etc. as needed for a complete and operational system. Provide coordination of locations of all control devices and device wells/taps with Mechanical, Plumbing and Electrical trade contractors.</p>

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

- h. Coordinate and provide all required connections, components, control devices, dampers and accessories, etc. needed for a complete installation of Controls for VAVs, Phoenix Valves, Terminal Units, Exhaust Fans, and Fan Coil Units. This contractor shall also furnish all control programming, cabling, etc. including all Air Handlers. Provide and install all damper actuators for all control dampers.
 - i. This Trade Contractor shall provide interface with Life Safety systems, including but not limited to, Fire Alarm, Security, etc. Provide all raceways and cables connecting HVAC Controls devices to these systems.
 - j. Connect to systems installed by others and coordinate with systems installed in this contract. This includes, but not limited to, FSDs, Control Panels, Security Panels, Air Valves, Terminal Boxes, etc.
 - k. This contractor will provide all required BIM modeling for all controls. This includes but is not limited to: all installations above ceilings, access zones, and all control panels for coordination with other trades and proper access and maintenance. The intent is to BIM coordinate devices and conduit in wall. Reference Attachment H for additional details.
 - l. Provide all conduit and all low voltage wiring and/or fiber cables as required for full connections and terminations to all devices.
 - m. This contractor is to provide all Control Dampers as shown on the contract documents. These are to be delivered to the respective HVAC Contractors for installation. Testing, adjusting and commissioning of control dampers by Controls Contractor. All Control Dampers will have individual actuators.
 - n. All conduits to be color coded. See specifications for color coding requirements.
 - o. Provide all conduit and controls wiring for complete connection and operation to all equipment shown in Controls Drawings for all operational points as listed or as required for Sequence of Operation of each respective piece of equipment or system.
 - i. This Contractor will provide all raceways and cables, etc. for a complete HVAC controls system, including connections to devices provided by other contractors; smoke detectors, elevators, lighting control panels, etc.
 - ii. This contractor to provide all conduits and wire necessary for CAT6A cabling required for network communications. Termination at EIDF Closet and activation of network to be provided by future Integrated Technology contractor.
 - p. Provide all sleeves and embeds as required for Controls scope of work to meet construction schedules. Coordinate layout and installation with all trades as required. Contractor shall include all joint sealants and/or firestopping required for the penetration to meet the designed life safety standard.
 - q. This contractor shall participate in start-up, testing, and commissioning for all systems they are associated with. Contractor is to coordinate with the Owner's commissioning agent. Contractor to assume multiple mobilizations for this. Contractor shall participate in all commissioning meetings as required by the Owner's agent.
 - i. This contractor will provide all required technician support for all Commissioning of the HVAC, Fire Alarm, Security and Lighting Control Systems.
 - ii. This contractor will provide complete detailed points lists as needed for Graphics Programming by UK PPD. Provide all required technician/programmer time necessary for coordination of points lists, field installation specific notes for addresses and locations, point to point testing information and other information needed for coordination of and completion of the HVAC Controls System Graphics.
 - iii. This Contractor shall provide ALL Tridium interfaces, programming, naming conventions per UK PPD, etc. complete for ALL HVAC Controls, Lighting Control, and other representative systems other than the fire alarm system. UK PPD to create and complete graphics, this contractor to provide all nodes, interface signatures and addresses for the graphics development. Coordinate with UK PPD and Construction Manager to turn over complete and functioning Tridium system integration.
 - 1. Coordinate with Electrical Contractors to provide complete operating Tridium systems. Fire alarm programming and interface to Tridium is by Electrical Contractor.
 - 2. Points shall be named using the following format:
(1) Building_Floor_RoomNumber_System_SubSystem_Component_ShortName_Function
 - 3. Reference instrumentation drawings for additional details regarding points list and details.
- The Controls Contractor is to utilize the entire drawing and specification set as a whole to formulate controls sequence.

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

16.	This contractor shall provide SCOPE OF THE MECHANICAL WORK (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification 20 0250 .
17.	This contractor shall provide Shop Drawings, Descriptive Literature, Maintenance Manuals, Parts Lists, Special Keys and Tools (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 0350 .
18.	This contractor shall provide Sleeving, Cutting, Patching and Repairing (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 1100 .
19.	This contractor shall provide Coordination Among Trades, Systems Interfacing and Connection of Equipment Furnished by Others (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 0550 .
20.	This contractor shall provide PIPE, PIPE FITTINGS, AND PIPE SUPPORT (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 1350 .
21.	This contractor shall provide WELDING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 1355 .
22.	This contractor shall provide VALVES AND COCKS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2150 .
23.	This contractor shall provide ACCESS TO VALVES, EQUIPMENT, FITLERS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2155 . a. These access zones shall be incorporated in the BIM coordination.
24.	This contractor shall provide INSULATION (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2250 . a. This trade contractor is to include an additional 500 labor hours and \$10,000 in material of additional insulation repair to be used at the CM's discretion.
25.	This contractor shall provide THERMOMETERS AND OTHERS, MONITORING INSTRUMENTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2350 .
26.	This contractor shall provide IDENTIFICATIONS, TAGS, CHARTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2450 .
27.	This contractor shall provide HANGERS, CLAMPS, ATTACHMENTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2550 .
28.	This contractor shall provide MECHANICAL/ELECTRICAL VIBRATION CONTROLS AND SEISMIC RESTRAINTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 2650
29.	This contractor shall provide TESTING, BALANCING, LUBRICATION AND ADJUSTMENTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 20 3150 . a. This Contractor shall provide all Water and Air Balancing required per the specifications and contract documents. Balancing will include all Riser and Shaft piping and ductwork previously installed to provide a complete building balance for each system. This scope will include coordination with the HVAC Equipment Manufacturers and Installing Contractor for complete Test and Balance per the Specifications. b. This Contractor shall provide personnel for support of Commissioning, by others, of Equipment and Systems within the Building. This scope will include any adjusting of equipment, dampers, valves, etc. as needed to address Commissioning comments / requirements to meet Contract Document requirements. c. This Contractor shall provide personnel for support of Fire Life Safety testing by other trade contractors and building officials. This scope includes all testing of Fire Smoke Dampers installed previously.

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

30.	This contractor shall provide PUMPS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 23 0150 .
31.	This contractor shall provide HVAC EQUIPMENT (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 23 0250 . <ul style="list-style-type: none"> a. All VAV and Phoenix devices are to be shipped to the Controls Contractors Factory for Factory Installed Controllers. This Contractor will receive and install completed devices. Provide all Startup, Testing and Commissioning support of all VAV Boxes and Phoenix Valves. b. This Contractor to provide all Fan Coil Units as shown in the Contract Documents and Schedules. Provide all supports as required for complete installations. Coordinate all installations with other trades, provide complete BIM modeling. Provide integral Condensate Pump with all Fan Coil Units. Provide all Startup, Testing and Commissioning support of Fan Coil Units. c. This Contractor to provide all Equipment listed on Mechanical Schedules. This includes but is not limited to AHU Humidifier, Sound Attenuators, Energy Recovery Coils, VAV Boxes, Reheat Coils, Electric Unit Heaters, Baseboard Heaters, Hot Water Radiant Panels, Air Barrier Coils, Venturi Valves (Phoenix), Fans, Motor Starters and all associated accessories. Provide all motor rated switches to Electrical Contractor for installation and Power Wiring. d. This Contractor to provide connections to all Equipment provided by and installed by TC-025 Mechanical Risers Contractor and listed on Mechanical Schedules. This includes but is not limited to Fan Coils, Computer Room Unit, Unit Heaters, Fans, Freeze Protection & Condensate Pumps, Heat Exchangers, Expansion Tanks, Air Separators, Filters, Flash Tanks, Steam Pressure Regulators, and all associated accessories. e. This Contractor shall provide all Exhaust Fans shown in the contract documents. Provide all required curbs, supports, added support framing as required for complete installation. f. Cover ALL exhaust and return air grilles with filter media and replace filter media on a weekly basis and/or as directed by the Construction Manager. Contractor to review filter media daily. g. This Contractor shall provide all Gravity Vents and associated Roof Curbs for vents. Provide all supports, duct fittings, transitions required for complete installations. Provide all Startup, Testing and Commissioning support of all Fans and Vents.
32.	This contractor shall provide CONDENSATE DRAINAGE (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 23 0350 .
33.	This contractor shall provide COMMISSIONING OF HVAC (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 23 0850 .
34.	This contractor shall provide REGISTERS, GRILLES, DIFFUSERS AND LOUVERS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 23 1150 . <ul style="list-style-type: none"> a. This Contractor to provide all Duct Accessories required for complete Air Distribution system including but not limited to Diffusers, Grilles, Registers, manual volume dampers, Fire Smoke Dampers, motorized dampers, etc.
35.	This contractor shall provide SHEET METAL & FLEXIBLE DUCT (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 23 1250 . <ul style="list-style-type: none"> a. This contractor is to include all ductwork from generator to louver. b. This Contractor shall provide connections to all Architectural Louvers provided by others as shown on the contract documents. Furnish and install all hardware, clips, and added steel supports as required for complete installation of the Louvers. Provide all Louver Plenums, Duct Transitions as required for approved airflow connections to Louvers. Provide complete detailed BIM modeling for all installations and plenums.
36.	This contractor shall provide HUMIDIFIERS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 23 8453 .
37.	This contractor shall provide VFD'S, MOTOR STARTERS AND OTHER ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 23 0250 .

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

38.	This contractor shall provide INSTRUMENTATION AND CONTROL FOR HVAC (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 25 . This Scope will be assigned to this contractor as an allowance.
39.	This contractor shall provide MOTOR STARTERS AND OTHER REQUIREMENTS FOR MECHANICAL EQUIPMENT (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 25 0150 .
40.	This Contractor shall receive and install all Duct Smoke Detectors and Sample Tubes from 28 3100 Fire Alarm System Contractor. Installation shall be per Manufacturers Recommendations. This Contractor to receive and install all Duct Mounted Smoke Detectors for all Fire Smoke Dampers installed by this trade contractor or by previous trade contractor. Detectors to be installed per factory recommendations and requirements. Provide a complete schedule of all Fire Smoke Dampers and Duct Detectors for damper testing. This Contractor will provide support personnel for pre-testing of all dampers in conjunction with the Fire Alarm Contractor and as required to support testing by the Local Authority Having Jurisdiction.
41.	This contractor shall provide Connections to Laboratory Equipment per the Mechanical (M) and Equipment (QL) drawings and Divisions 11 and 13 of the specifications. This scope includes coordination with all casework and fixtures for Exam Rooms, Laboratories, Skills Labs, Vending Areas, Sim Labs and all other locations related to the installation of all listed fixtures. <ul style="list-style-type: none"> a. This Contractor will Review all Laboratory Drawings, Laboratory Casework and Laboratory Equipment Schedules for all required connections. Provide all piping and fittings for complete installations and testing. b. This Contractor shall provide all duct connections to all Lab Hoods & Equipment as shown in the contract documents.
42.	This contractor shall include 500 Journeyman Overtime Work Hours to be used for schedule maintenance by the Construction Manager. The trade contractor must include all travel, per diem, fringes, OH&P, etc. costs (a fully loaded rate) on these hours and they are only to be used by the trade contractor at the direction and approval of the Construction Manager. These hours will be logged and usage tracked. Usage of these hours can occur during the week or on Saturdays – no Sundays are intended.
43.	This Contractor is to include all Building Information Modeling per the contract documents. Refer to attachment H for BIM requirements associated with this scope. All costs for the BIM process for this scope of work shall be included in the base bid. Include the scheduled Document Control Server Allowance for Box server use and hardware/software, as well as the Project BIM Coordinator Allowance for 3rd party BIM manager directed by the Construction Manager. These allowances are not for the use of the MEP trades for their coordination. <ul style="list-style-type: none"> a. This Trade Contractor shall be responsible to reflect the actual location of piping, ductwork, and equipment where connections are to be made with existing work in the BIM. b. BIM Modeling under this scope of work will include all Controls conduits ¾" nominal size and larger. c. This Trade Contractor shall also include an additional 160 hours of BIM coordination to be used at the Owner/CM's discretion
44.	The intent is to utilize the coordination in the 3D model to prefabricate off-site as much material as possible. All materials possible will be Prefabricated and packaged for Just-in-Time delivery at the job site and be on wheels for delivery to the area of install. No pre-packaged or loose materials to be delivered to the job site that will not be installed within 4 days of delivery. <ul style="list-style-type: none"> a. The intent of this scope is to have Prefabricated Piping and Offsets in a Kit-of-Parts style that can be installed overhead and in walls. The contractors' shop drawings should reflect this intended scope. b. During BIM coordination, zones will be determined for above ceiling systems installations. Prefabrication and installation will be determined by these zones. c. If it is determined through BIM coordination that contractors will have to stack in a "rack like" configuration, these contractors shall coordinate the prefabrication of these racks with each other.

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

45.	<p>The permanent HVAC systems included in the Contract Documents will be used for conditioning the spaces for finishes. This contractor shall provide any resources required to meet the schedule milestones. This contractor is to include all required controls and instrumentation for preliminary operation at floor levels, supply and return VAV boxes, and supply & exhaust air valves. Provide full documentation of installation/startup of all components to be used for conditioning of the spaces. Provide 100% OSA and 100% exhaust for conditioning of spaces. Return air activation will be when directed by the construction manager (with contractor input) and the University of Kentucky.</p> <ul style="list-style-type: none">a. This Trade Contractor shall supply and install temporary filters and filter media as needed to support temporary operation of HVAC systems. For new AHUs provide a complete set of filters for all scheduled filter racks.b. In addition provide three (3) sets of 2" MERV 11 construction filters to be installed over Pre-Filters on each respective air handler, and changed on a monthly basis. Assume the duration to start on 10/15/2025, and continue through project substantial completion.c. Provide two additional sets of scheduled filters for air handlers, one set prior to testing and balancing and one set at turnover. At time of test and balance, remove construction filters and verify if filters are still within manufacturer's pressure drop parameters, if so do not replace, continue with test and balance, and deliver two unused sets of filters to Construction Manager. Maintain temporary ventilation and dust control as required by Division 1.
46.	<p>Due to the size of this scope of work, provide a full-time on-site Project Manager for the duration of work. (ADD #2)</p>

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

D. EXCLUSIONS	
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Air Handling Units
3.	Air Handling Unit Equipment Pads

E. ALLOWANCES		
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>	
1	Controls Contractor Allowance	\$3,771,300
2	Controls Alterations Allowance	\$50,000
3	Document Control Server Allowance	\$3,000 \$5,000 (ADD #2)
4	Project BIM Coordinator Allowance	\$45,000
5	Temporary Utility Consumption Allowance	\$50,000
6	Steel Penetration Coordination Allowance	\$15,000
7	Additional Medical and Laboratory Equipment Coordination Allowance	\$50,000

F. SCHEDULE	
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	<p>Due to the critical nature of the schedule, the Trade Contractor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items:</p> <ol style="list-style-type: none"> Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. Shift work plan. Number of Foremen Anticipated lead times and permit approval. <p>The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.</p>

Attachment "B"
SCOPE OF WORK
TC-031 – Mechanical Systems – HVAC

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK

TC-031 – Mechanical Systems – HVAC

BIDDER’S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list "Self-Perform" for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner’s representative after the bid deadline.

ITEM or DIVISION OF WORK

NAME AND ADDRESS OF SUBCONTRACTOR

_____	_____
_____	_____
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LIST OF MATERIALS AND EQUIPMENT

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-032 Electrical

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY BID OPENING DATE: **January 29th, 2025**
CAPITAL CONSTRUCTION TIME **3:00 P.M. E.D.T.**
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.
 - Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|---|---|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
 SCOPE OF WORK
 TC-032- Electrical

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
¾" Conduit	LF	
1" Condit	LF	
1 ¼" Conduit	LF	
2" Condit	LF	
#12 THHN Conductor	LF	
#10 THHN Conductor	LF	
#8 THHN Conductor	LF	
#6 THHN Conductor	LF	
Conduit Hanger Assembly	EA	

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	BIM					\$
8	Firestopping and Joint Sealants					\$
9	Doors and Hardware					\$
10	Access Doors					\$
11	Roller Window Shades					\$
12	Grounding and Bonding					\$
13	Raceways and Fittings					\$
14	Lighting					\$
15	Lighting Controls					\$
16	Panelboards					\$
17	Lightning Protection					\$
18	Fire Alarm					\$
19	Testing					\$
20	Commissioning					\$
21	Overhead & Profit					\$
Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000 \$5000 (ADD #2)
2	Project BIM Coordinator Allowance					\$45,000
3	Temporary Utility Consumption Allowance					\$50,000
4	Additional Medical and Laboratory Equipment Coordination Allowance					\$50,000
5	Building Façade Electrical Coordination Allowance					\$50,000

Total Labor Hours = _____

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample 3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below. <ul style="list-style-type: none"> a. 03 3000 Cast-In-Place Concrete b. 05 1000 Structural Anchors c. 07 8413 Penetration Firestopping d. 07 9200 Joint Sealants e. 07 9219 Acoustical Joint Sealants f. 08 3113 Access Doors and Frames g. 08 7100 Door Hardware (Partial) h. Division 11 (Partial) i. Division 13 (Partial) j. 12 2413 Roller Window Shades (Partial) k. 21 0150 Fire Protection System (Partial) l. 25 0150 Motor Starters and Other Requirements for Mechanical Equipment (Partial) m. 25 0250 Instrumentation and Control for HVAC (Partial) n. 26 0501 General Provisions o. 26 0502 Scope of the Electrical Work p. 26 0503 Shop Drawings, Literature, Manuals, Parts Lists, and Special Tools q. 26 0504 Sleeving, Cutting, Patching and Repairing r. 26 0505 Demolition, Restoration and Salvage

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

	<ul style="list-style-type: none"> s. 26 0508 Coordination Among Trades, Systems Interfacing and Connection of Equipment Furnished by Others t. 26 0513 Medium Voltage Cables u. 26 0519 Conductors, Identifications, Splicing Devices and Connectors v. 26 0526 Grounding and Bonding for Electrical Systems w. 26 0531 Cabinets, Outlet Boxes and Pull Boxes x. 26 0533 Raceways and Fittings y. 26 0543 Underground Ducts and Raceways for Electrical Systems (Partial) z. 26 0553 Identifications for Electrical Systems aa. 26 0573 Electrical Studies bb. 26 0800 Fundamental Commissioning of Electrical System cc. 26 0900.01 Metering Verification dd. 26 0913 Advanced Metering Data Acquisition System ee. 26 0943 Network Lighting Controls ff. 26 2200 Low-Voltage Transformers gg. 26 2413 Low Voltage Switchboard hh. 26 2416 Panelboards ii. 26 2726 Wiring Devices and Plates (ADD #2) jj. 26 3213 Emergency Generator kk. 26 4113 Lightning Protection for Structures ll. 26 4313 Surge Protection Systems mm. 26 5113 LED Lighting Fixtures and Lamp nn. 28 3100 Fire Alarm Systems
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

C.	SPECIFIC SCOPE ITEMS
1.	Provide all rough-in as required for coordination with TC-027 Electrical and Technology Risers, and provide all final installations including all trim, finishes, and caulking.
2.	This Contractor shall coordinate its' work scope with the drywall partitions trade contractor who will be responsible to build in all openings in the partition walls for all equipment, duct, conduit and pipe penetrations, and shall include all required lintels. The HVAC, electrical, fire protection and plumbing trade contractor shall be required to coordinate locations and provide layout drawings of all penetrations prior to start of partition work. For penetrations missed for installation in normal sequence by the drywall trade contractor, the offending trade contractor will bear the full cost of installation, including cutting wall, reinforcing wall, and refinishing the wall around the penetration.
3.	<p>This Trade Contractor shall furnish and install all SLEEVING, CUTTING, PATCHING, REPAIRING (COMPLETE) for this contractor's penetrations of walls, floors, steel, and roof. The cutting of metal deck as required to install the work shall be included. Any reinforcement of the deck that is required but not shown on the structural drawings is to be included in this work. This Trade Contractor is responsible for all curbs, thimbles, counter flashings, clamping rings, sealants, etc., required at roof penetrations of material and equipment covered by this work. This would include but not be limited to vents flashings, and any special curbs or flashing required. This contractor shall coordinate with the construction manager and the TC-020 CIP Shafts and Decks contractor to install all sleeves prior to concrete placement. Assume multiple mobilizations are needed. Any and all costs for core drilling required for electrical systems raceways due to failure to coordinate the installation of sleeves and/or their incorrect location will be borne by this contractor.</p> <ul style="list-style-type: none"> a. Per UK standards, all sleeves/blockouts shall be a minimum of 1.5" above finished floor. This work scope shall include "metal collars" (sealed) as necessary for any existing or new sleeve installations not 1.5" above the finished floor elevation (not concrete elevation). This Trade Contractor is responsible for protection of all sleeves installed for (or existing) their scope of work. b. This contractor is to gain fire stopping inspection at the floor level PRIOR to installing the 1.5" metal collar. The installation of the metal collar and floor fire stopping shall not be in one action preventing proper fire stop inspection. c. All roof penetrations are to be included in this work scope. This contractor is to include all costs to repair/tie-in/patch the roofing utilizing the TC-024 roofing contractor of record. This includes any work included in this contract. Any roof or floor protection required for the movement of workmen or equipment is to be included. d. All openings installed under this scope are the sole responsibility of this contractor to ensure that they are water tight prior to their end of shift. This contractor shall coordinate openings with proper trades. e. This contractor shall provide all Firestopping at all rated penetrations in coordination with installation of rated assemblies. f. This contract shall provide a fire rated sleeve system for all Fire Rated Partitions as necessary for all open cables, cable trays and wiring. Provide full submittal information, BIM Modeling for approval prior to installations.
4.	<p>This Contractor shall provide power connections to all Owner Provided Equipment as noted in the contract documents. Coordinate receiving with Manufacturer's Representatives delivery dates and project schedules. For owner furnished equipment which may have utility connection requirements, provide rough-in and final connections to the Owner furnished equipment and coordinate complete installation as required. Coordinate any utility work shown on documents with the appropriate subcontractor and in accordance with specification section 26 0504. This includes things of "like scope" items listed as associated with this work scope.</p> <ul style="list-style-type: none"> a. The above equipment may come with loose miscellaneous accessories such as sensors, switches, power filters, etc. and multiple points of connection over and above what is called for in the documents. This Contractor shall provide any miscellaneous conduit, wiring, testing, etc. to make the equipment fully operational. b. This contractor shall provide the Conduit, Supports, Misc. Steel for Supports, and Accessories for complete connection to equipment locations. d. Coordinate and complete connections to Owner furnished equipment as indicated in the contract documents

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

5.	<p>This contractor shall provide Connections to Laboratory Equipment per the Electrical (E) and Equipment (QL) drawings and Divisions 11 and 13 of the specifications. This scope includes coordination with all casework and fixtures for Exam Rooms, Laboratories, Skills Labs, Vending Areas, Sim Labs and all other locations related to the installation of all listed fixtures.</p> <ul style="list-style-type: none"> a. This Contractor will Review all Laboratory Drawings, Laboratory Casework and Laboratory Equipment Schedules for all required connections. Provide all pathways, wiring, and terminations for complete installations and testing. b. This Contractor shall provide all duct connections to all Lab Hoods & Equipment as shown in the contract documents. (ADD #2)
6.	<p>This Contractor shall receive from Laboratory Vendor (LFC) and install all Ceiling Mounted Surgical Lights, noted in the Laboratory Drawings and Details. Provide all supports, anchors, and hardware to complete installation of the Surgical Lights, Service Carriers and Service Modules. Provide all electrical conduit, connections, conductors, cables, etc. For complete installations.</p>
7.	<p>This Contractor shall provide all Receptacles at all Fume Hoods as noted in the Laboratory Drawings and Details. Provide complete internal and external wiring to the Receptacles as well as the Lights and Light/Sash Controllers provided with the Hoods. Coordinate with Laboratory Vendor on all requirements and installation details.</p>
8.	<p>This Trade Contractor shall include all materials, labor, tools, and equipment to provide all STRUCTURAL SUPPORTS & ANCHORS as required by the Contract Documents and in accordance with section 05 1000. This includes the design and analysis of structural steel supports and connections not specifically shown. Include all material, labor, tools, equipment, supplies, transportation, and taxes, to complete this scope of work.</p> <ul style="list-style-type: none"> a. All systems must meet seismic and structural requirements as indicated on the structural drawings. b. Provide and install all support and all blocking for all Electrical & related equipment and cabinets. All equipment supports, isolators, and conduit supports required to complete this scope shall be furnished and installed by this Trade Contractor. This includes any miscellaneous metals, hangers, bridging, etc. Structural supports associated with any items installed in Trade Contractor's work.
9.	<p>This Trade Contractor shall include all materials, labor, tools, and equipment to provide all APPLIED FIRE PROTECTION (COMPLETE) as required by the Contract Documents and in accordance with section 07 8100.</p> <ul style="list-style-type: none"> a. This Contractor shall assume all attachments to support steel will have Fireproofing installed prior to their work scope proceeding on site.
10.	<p>This contractor shall provide CAST-IN-PLACE CONCRETE (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 03 3000. This Trade Contractor shall provide and install any curbs and/or housekeeping pads, concrete anchors for all equipment, etc. contained in this work scope. This includes pads that are not shown on the contract drawings, yet required for the work of this contract. This includes concrete for any pre-purchased equipment by the owner. This Trade Contractor shall coordinate size and layout of pads. Provide BIM modeling and coordination for review and approval prior to placement of Pads</p>
11.	<p>This contractor shall provide METAL FABRICATIONS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 05 5000.</p>
12.	<p>This contractor shall provide PENETRATION FIRESTOPPING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 8413.</p>
13.	<p>This contractor shall provide JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9200.</p>
14.	<p>This contractor shall provide ACCOUSTICAL JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9919.</p>
15.	<p>This contractor shall provide ACCESS DOORS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 08 3113.</p> <ul style="list-style-type: none"> a. This Contractor shall provide all Access Doors for all in-wall or above ceiling equipment and components that require access for maintenance and repair. Coordinate installation with Finishes Trades.

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

16.	This contractor shall provide DOOR HARDWARE (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 08 7100 . a. This contractor shall provide all 120v service to door hardware. Low Voltage power requirements to be provided by TC-033 Technology contractor.
17.	This contractor shall provide ROLLER WINDOW SHADES (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 12 2413 . a. This contractor shall provide all power required for operation of roller window shades. Installation of roller window shades to be by TC-034 Interior General Trades.
18.	This contractor shall provide GENERAL PROVISIONS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0501 .
19.	This contractor shall provide FIRE PROTECTION SYSTEM (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 21 0100 . a. This include connections of fire alarm system to fire protection system
20.	This contractor shall receive from Mechanical Contractor and Install all MOTOR STARTERS AND OTHER REQUIREMENTS FOR MECHANICAL EQUIPMENT (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 25 0150 . a. This contractor to provide power to all equipment furnished by TC-030 Plumbing, and TC-031 Mechanical. VFDs for mechanical room equipment will be installed and wired by TC-027 Electrical and Technology Risers contractor.
21.	This contractor shall provide INSTRUMENTATION AND CONTROL FOR HVAC (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 25 0200 . a. This contractor provide power to HVAC control panels. Control panels to be installed by TC-031 Mechanical.
22.	This contractor shall provide SCOPE OF THE ELECTRICAL WORK (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0502 .
23.	This contractor shall provide SHOP DRAWINGS, LITERATURE, MANUALS, PARTS LISTS, AND SPECIAL TOOLS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0503 .
24.	This contractor shall provide COORDINATION AMONG TRADES, SYSTEMS INTERFACING AND CONNECTION OF EQUIPMENT FURNISHED BY OTHERS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0508 .
25.	This contractor shall provide MEDIUM VOLTAGE CABLES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0513 .
26.	This contractor shall provide CONDUCTORS, IDENTIFICATION, SPLICING DEVICES AND CONNECTORS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0519 .
27.	This contractor shall provide GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0526 . a. This contractor shall provide grounding and bonding for all equipment that is provided by them and other contractors within the project.
28.	This contractor shall provide CABINETS, OUTLET BOXES AND PULL BOXES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0531 .
29.	This contractor shall provide RACEWAYS AND FITTINGS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0533 . a. All floor boxes to be provided by this contractor. All AV back boxes to be provided by TC-033 and any power required to be provided by this contractor. TC-032 shall include terminating power to any preinstalled outlets in AV back boxes.

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

30.	This contractor shall provide UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0543 .
31.	This contractor shall provide IDENTIFICATIONS FOR ELECTRICAL SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0553 .
32.	This contractor shall provide ELECTRICAL STUDIES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0573 . a. Initial electrical studies will be performed by TC-027 Electrical and Technology Risers for their scope of work. This contractor to coordinate final electrical studies with TC-027.
33.	This contractor shall provide FUNDAMENTAL COMMISSIONING OF ELECTRICAL SYSTEM (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0800 .
34.	This contractor shall provide METERING VERIFICATION (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0900.01 .
35.	This contractor shall provide ADVANCED METERING DATA ACQUISITION SYSTEM (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0913 .
36.	This contractor shall provide NETWORK LIGHTING CONTROLS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0943 . a. This contractor to coordinate with TC-031 Mechanical for building controls integration with lighting.
37.	This contractor shall provide LOW VOLTAGE TRANSFORMERS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 2200 .
38.	This contractor shall provide LOW VOLTAGE SWITCHBOARDS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 2413 .
39.	This contractor shall provide PANELBOARDS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 2416 .
40.	This contractor shall receive and install owner provided EMERGENCY GENERATOR (COMPLETE) and associated equipment as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 3213 .
41.	This contractor shall provide LIGHTNING PROTECTION FOR STRUCTURES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 4113 . a. This contractor to coordinate install with TC-024 Roofing and TC-034 General Trades.
42.	This contractor shall provide SURGE PROTECTION SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 4313 .
43.	This contractor shall provide LED LIGHTING FIXTURES AND LAMPS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 5113 .
44.	This contractor shall provide FIRE ALARM SYSTEM (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 28 3100 . a. This contractor to procure all duct detectors for HVAC systems, to be turned over to mechanical contractor for installation.
45.	Perform all electrical testing of new electrical systems including emergency systems as outlined in the Contract Documents and per Governing Codes required to verify correct system operation including proper coordination of system interruption ratings. Testing is to include but not limited to all Megger and IR Testing as required by the contract documents and industry standards. Short circuit/coordination study will be performed by this Trade Contractor in coordination with the equipment manufacturers' engineers. Provide data, including but not limited to feeder lengths, required to facilitate the short circuit / coordination study/ arc flash study. Adjust all breaker trip settings as recommended by the coordination study and the commissioning agent. Installation, testing, and inspections shall be scheduled by area as sequenced by the Construction Manager, in order to not delay the progress of other trades. Multiple tests, comebacks, or

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

	inspections as may be required for this coordination are to be included. Provide all electrical equipment nameplates/labels and panelboard directories, including all owner furnished equipment.
46.	This contractor shall include 500 Journeyman Overtime Work Hours to be used for schedule maintenance by the Construction Manager. The trade contractor must include all travel, per diem, fringes, OH&P, etc. costs (a fully loaded rate) on these hours and they are only to be used by the trade contractor at the direction and approval of the Construction Manager. These hours will be logged and usage tracked. Usage of these hours can occur during the week or on Saturdays – no Sundays are intended.
47.	This Contractor is to include all Building Information Modeling per the contract documents. Refer to attachment H for BIM requirements associated with this scope. All costs for the BIM process for this scope of work shall be included in the base bid. Include the scheduled Document Control Server Allowance for Box server use and hardware/software, as well as the Project BIM Coordinator Allowance for 3rd party BIM manager directed by the Construction Manager. These allowances are not for the use of the MEP trades for their coordination. <ul style="list-style-type: none"> a. This Trade Contractor shall be responsible to reflect the actual location of conduits and electrical gear where connections are to be made with existing work in the BIM b. BIM Modeling under this scope of work will include all conduits ¾" nominal size and larger. c. Provide all Raceway BIM modeling to show all required Pull Boxes. Pull Boxes are to be shown and coordinated with all other work from all trades for installation location and access. Provide a Pull Box Sizing Table with the BIM modeling pages. d. Conductors are to be installed per the feeder schedule. This contractor shall include feeder information in the BIM coordination, including all information on the number of bends and bend radius' for each of the feeders. <p>This Trade Contractor shall also include an additional 160 hours of BIM coordination to be used at the Owner/CM's discretion</p>
48.	The intent is to utilize the coordination in the 3D model to prefabricate off-site as much material as possible. All materials possible will be Prefabricated and packaged for Just-in-Time delivery at the job site and be on wheels for delivery to the area of install. No pre-packaged or loose materials to be delivered to the job site that will not be installed within 4 days of delivery. <ul style="list-style-type: none"> a. The intent of this scope is to have Prefabricated Piping and Offsets in a Kit-of-Parts style that can be installed overhead and in walls. The contractors' shop drawings should reflect this intended scope. b. During BIM coordination, zones will be determined for above ceiling systems installations. Prefabrication and installation will be determined by these zones. c. If it is determined through BIM coordination that contractors will have to stack in a "rack like" configuration, these contractors shall coordinate the prefabrication of these racks with each other.
49.	Due to the size of this scope of work, provide a full-time on-site Project Manager for the duration of work. (ADD #2)
50.	This contractor shall provide WIRING DEVICES AND PLATES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 2726. (ADD #2)

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Raceways, fittings, and boxes for technology scope

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

E. ALLOWANCES	
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>
1	Document Control Server Allowance - \$3,000 \$5000 (ADD #2)
2	Project BIM Coordinator Allowance - \$45,000
3	Temporary Utility Consumption Allowance - \$50,000
4	Additional Medical and Laboratory Equipment Coordination Allowance - \$50,000
5	Building Façade Electrical Coordination Allowance - \$50,000

F. SCHEDULE	
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	<p>Due to the critical nature of the schedule, the Trade Contractor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items:</p> <ul style="list-style-type: none"> a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. <p>The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.</p>

G. ALTERNATES	
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-032- Electrical

BIDDER'S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list "Self-Perform" for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner's representative after the bid deadline.

<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
_____	_____
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Attachment "B"
SCOPE OF WORK
TC-033 – Technology

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-033 - Technology

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION BID OPENING DATE: **January 29th, 2024**
PROCUREMENT TIME 3:00 P.M. E.D.T.
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-033 – Technology

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-033 – Technology

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.
 - Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

Attachment "B"
SCOPE OF WORK
TC-033 – Technology

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-033 – Technology

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
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BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- (01)___ Small Business (06)___ Woman-Owned Large Business
(02)___ Large Business (07)___ Disadvantaged Woman-Owned Small Business
(03)___ Disadvantaged Small Business (08)___ Disadvantaged Woman-Owned Large Business
(04)___ Disadvantaged Large Business (09)___ Other
(05)___ Woman-Owned Small Business

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

Attachment "B"
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THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
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UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
¾" EMT Conduit	LF	
1" EMT Condit	LF	
1 ¼" EMT Conduit	LF	
2" EMT Condit	LF	
Conduit Hanger Assembly`	EA	
Multimode Fiber Conductor	LF	
Fiber Terminations	EA	
CAT 6A Cable	LF	
Patch Bay Terminations	EA	
12" Cable Tray & Support	LF	
18" Cable Tray & Support	LF	
24" Cable Tray & Support	LF	

Attachment "B"
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HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

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PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

BID BREAKOUT

Attachment "B"
SCOPE OF WORK
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Fill in the following breakdown of costs included in your base bid. Each item will include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					
6	General Work Requirements					
7	BIM					\$
8	Firestopping and Joint Sealants					\$
9	Doors and Hardware					\$
10	Access Doors					\$
11	Cable Tray, Raceways, and Fittings					\$
12	Grounding and Bonding					\$
13	Security Access Controls					\$
14	Video Surveillance					\$
15	Testing					\$
16	Commissioning					\$
17	Overhead & Profit					
Please list and breakdown below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000 \$5000 (ADD #2)
2	Project BIM Coordinator Allowance					\$45,000
3	Additional Medical and Laboratory Equipment Coordination Allowance					\$50,000
4	Additional Audio Visual and Medical Simulation Coordination Allowance					\$50,000

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-033 – Technology

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. a. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-033 – Technology

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample 3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below. <ul style="list-style-type: none"> a. 05 1000 Structural Anchors b. 07 8413 Penetration Firestopping c. 07 9200 Joint Sealants d. 07 9219 Acoustical Joint Sealants e. 08 3113 Access Doors f. 08 7100 Door Hardware (Partial) g. 21 0150 Fire Protection Systems (Partial) h. 25 0150 Motor Starters and Other Requirements for Mechanical Equipment (Partial) i. 25 0250 Instrumentation and Control for HVAC (Partial) j. 26 0501 General Provisions k. 26 0502 Scope of the Electrical Work l. 26 0503 Shop Drawings, Literature, Manuals, Parts Lists, and Special Tools m. 26 0504 Sleeving, Cutting, Patching and Repairing n. 26 0505 Demolition, Restoration and Salvage o. 26 0508 Coordination Among Trades, Systems Interfacing and Connection of Equipment Furnished by Others p. 26 0533 Raceways and Fittings q. 26 0553 Identifications for Electrical Systems r. 26 0943 Network Lighting Controls (Partial) s. 26 0913 Advanced Metering Data Acquisition System (Partial)

Attachment "B"
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	<ul style="list-style-type: none">t. 26 2726 Wiring Devices and Plates (ADD #2)u. 27 0501 General Provisions - Telecommunicationsv. 27 0526 Grounding and Bonding for Communications Systemsw. 27 0536 Cable Trays for Communications Systemsx. 27 0610 Voice Data Network Systemy. 28 0501 General Provisions Safety and Securityz. 28 1643 Perimeter Security Safetyaa. 28 2300 Video Surveillance
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
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C.	SPECIFIC SCOPE ITEMS
1.	Provide all rough-in as required for coordination with TC-027 Electrical and Technology Risers Contractor and provide all final installations including all trim and finishes and caulking.
2.	This Contractor shall coordinate its' work scope with the drywall partitions trade contractor who will be responsible to build in all openings in the partition walls for all equipment, duct, conduit and pipe penetrations, and shall include all required lintels. The HVAC, electrical, fire protection and plumbing trade contractor shall be required to coordinate locations and provide layout drawings of all penetrations prior to start of partition work. For penetrations missed for installation in normal sequence by the drywall trade contractor, the offending trade contractor will bear the full cost of installation, including cutting wall, reinforcing wall, and refinishing the wall around the penetration.
3.	<p>This Trade Contractor shall furnish and install all SLEEVING, CUTTING, PATCHING, REPAIRING (COMPLETE) for this contractor's penetrations of walls, floors, and roof. The cutting of metal deck as required to install the work shall be included. Any reinforcement of the deck that is required but not shown on the structural drawings is to be included in this work. This Trade Contractor is responsible for all curbs, thimbles, counter flashings, clamping rings, sealants, etc., required at roof penetrations of material and equipment covered by this work. This would include but not be limited to vents flashings, and any special curbs or flashing required. This contractor shall coordinate with the construction manager and the TC-020 CIP Shafts and Decks contractor to install all sleeve prior to concrete placement. Assume multiple mobilizations are needed. Any and all costs for core drilling required for technology systems raceways due to failure to coordinate the installation of sleeves and/or their incorrect location will be borne by this contractor.</p> <ul style="list-style-type: none"> a. Per UK standards, all sleeves/blockouts shall be a minimum of 1.5" above finished floor. This work scope shall include "metal collars" (sealed) as necessary for any existing or new sleeve installations not 1.5" above the finished floor elevation (not concrete elevation). This Trade Contractor is responsible for protection of all sleeves installed for (or existing) their scope of work. b. This contractor is to gain fire stopping inspection at the floor level PRIOR to installing the 1.5" metal collar. The installation of the metal collar and floor fire stopping shall not be in one action preventing proper fire stop inspection. c. All roof penetrations are to be included in this work scope. This contractor is to include all costs to repair/tie-in/patch the roofing utilizing the TC-024 roofing contractor of record. This includes any work included in this contract. Any roof or floor protection required for the movement of workmen or equipment is to be included. d. All openings installed under this scope are the sole responsibility of this contractor to ensure that they are water tight prior to their end of shift. This contractor shall coordinate openings with proper trades. e. This contractor shall provide all Firestopping at all rated penetrations in coordination with installation of rated assemblies. f. This contract shall provide a fire rated sleeve system for all Fire Rated Partitions as necessary for all open cables, cable trays and wiring. Provide full submittal information, BIM Modeling for approval prior to installations. g. This contractor shall provide all floor boxes for power and data as shown in the contract documents. Coordinate installation of underslab conduit and stub up conduits as well as block outs for floor boxes with TC-020 CIP Shafts and Decks Contractor to assure all installations are in place prior to concrete placement. Provide early BIM Modeling for all in slab and under slab work to meet concrete placement schedules.
4.	Perform all electrical startup and testing of new Technology systems including emergency systems as outlined in the Contract Documents and per Governing Codes required to verify correct system operation including proper coordination of system interruption ratings. Testing shall include but not limited to all visual and performance testing as required by the contract documents and industry standards. Installation, testing, and inspections shall be scheduled by area as sequenced by the Construction Manager, in order to not delay the progress of other trades. Multiple tests, comebacks, or inspections as may be required for this coordination are to be included. Provide all Telecommunication equipment nameplates/labels including all owner furnished equipment.
5.	This Contractor shall provide power connections to all Owner Provided Equipment as noted in the contract documents. Coordinate receiving with Manufacturer's Representatives delivery dates and project schedules. For owner furnished equipment which may have utility connection requirements, provide rough-in and final connections to the Owner furnished equipment and coordinate complete installation as required. Coordinate any

Attachment "B"
SCOPE OF WORK
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	<p>utility work shown on documents with the appropriate subcontractor. This includes things of "like scope" items listed as associated with this work scope.</p> <p>a. The above equipment may come with loose miscellaneous accessories such as sensors, switches, power filters, etc. and multiple points of connection over and above what is called for in the documents. This Contractor shall provide any miscellaneous conduit, wiring, testing, etc. to make the equipment fully operational.</p> <p>b. This contractor shall provide the Conduit, Supports, Misc. Steel for Supports, and Accessories for complete connection to equipment locations.</p> <p>c. Coordinate and complete connections to Owner furnished equipment as indicated in the contract documents</p>
6.	<p>This contractor shall provide Connections to Laboratory Equipment per the Information Technology (IT), Audio Visual (AV) and Equipment (QL) drawings and Divisions 11 and 13 of the specifications. This scope includes coordination with all casework and fixtures for Exam Rooms, Laboratories, Skills Labs, Vending Areas, Sim Labs and all other locations related to the installation of all listed fixtures.</p> <p>a. This Contractor will Review all Laboratory Drawings, Laboratory Casework and Laboratory Equipment Schedules for all required connections. Provide all pathways, wiring, and terminations for complete installations and testing.</p> <p>b. This Contractor shall provide all technology connections to all Lab Hoods & Equipment as shown in the contract documents.</p>
7.	<p>This contractor shall include full scope shown on IT drawings. This contractor provide raceway and boxes infrastructure only for all devices shown on AV and MS drawings, no cable, wire, devices, etc.</p>
8.	<p>This Trade Contractor shall include all materials, labor, tools, and equipment to provide all STRUCTURAL SUPPORTS & ANCHORS as required by the Contract Documents and in accordance with section 05 1000. This includes the design and analysis of structural steel supports and connections not specifically shown. Include all material, labor, tools, equipment, supplies, transportation, and taxes, to complete this scope of work.</p> <p>a. All systems must meet seismic and structural requirements as indicated on the structural drawings.</p> <p>b. Provide and install all support and all blocking for all Electrical & related equipment and cabinets. All equipment supports, isolators, and conduit supports required to complete this scope shall be furnished and installed by this Trade Contractor. This includes any miscellaneous metals, hangers, bridging, etc. Structural supports associated with any items installed in Trade Contractor's work.</p> <p>c. This contractor shall provide all Fireproof Patching that has been removed for installation of hangers and support for this scope.</p>
9.	<p>This Trade Contractor shall include all materials, labor, tools, and equipment to provide all APPLIED FIRE PROTECTION (PARTIAL) as required by the Contract Documents and in accordance with section 07 8100.</p> <p>a. This contractor shall provide all Fireproof Patching or Intumescent Coating that has been removed for installation of hangers and support for this scope. This Contractor shall assume all attachments to support steel will have Fireproofing installed prior to their work scope proceeding on site.</p>
10.	<p>This contractor shall provide PENETRATION FIRESTOPPING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 8413.</p>
11.	<p>This contractor shall provide JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9200.</p>
12.	<p>This contractor shall provide ACCOUSTICAL JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9919.</p>
13.	<p>This contractor shall provide ACCESS DOORS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 08 3113</p> <p>a. This Contractor shall provide all Access Doors for all in-wall or above ceiling equipment and components that require access for maintenance and repair. Coordinate installation with Finishes Trades.</p>
14.	<p>This contractor shall provide DOOR HARDWARE (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 08 7100.</p> <p>a. This contractor shall provide all low voltage service to door hardware. 120v power requirements to be provided by TC-033 Electrical contractor.</p> <p>b. This contractor to install door control boxes provided by TC-036 Doors and Hardware.</p> <p>c. Coordinate and install all pathways for security in interior storefront assemblies</p>
15.	<p>This contractor shall provide INSTRUMENTATION AND CONTROL FOR HVAC (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 25 0200.</p>

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	a. This contractor to provide all data and fiber connections to field panels, head end.
16.	This contractor shall provide GENERAL PROVISIONS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0501 .
17.	This contractor shall provide SCOPE OF THE ELECTRICAL WORK (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0502 .
18.	This contractor shall provide SHOP DRAWINGS, LITERATURE, MANUALS, PARTS LISTS, AND SPECIAL TOOLS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0503 .
19.	This contractor shall provide COORDINATION AMONG TRADES, SYSTEMS INTERFACING AND CONNECTION OF EQUIPMENT FURNISHED BY OTHERS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0508 .
20.	This contractor shall provide RACEWAYS AND FITTINGS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0533 . a. All floor boxes to be provided by TC-032 Electrical contractor. All AV back boxes to be provided by this contractor and any power required for these boxes to be provided by TC-032 Electrical contractor. TC-032 shall include terminating power to any preinstalled outlets in AV back boxes. b. TC-033 shall include terminating all data and AV to these boxes.
21.	This contractor shall provide IDENTIFICATIONS FOR ELECTRICAL SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0553 .
22.	This contractor shall provide NETWORK LIGHTING CONTROLS (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0943 . a. Provide low voltage connections to lighting as required for a fully integrated, functioning lighting control system.
23.	This contractor shall provide ADVANCED METERING DATA ACQUISITION SYSTEM (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0913 .
24.	This contractor shall provide GENERAL PROVISIONS - TELECOMMUNICATIONS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 27 0501 .
25.	This contractor shall provide GROUNDING AND BONDING FOR TELECOMMUNICATIONS SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 27 0526 .
26.	This contractor shall provide CABLE TRAYS FOR TELECOMMUNICATIONS SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 27 0536 .
27.	This contractor shall provide VOICE DATA NETWORK SYSTEM (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 27 0610 .
28.	This contractor shall provide GENERAL PROVISIONS SAFETY AND SECURITY (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 28 0501 .
29.	This contractor shall provide PERIMETER SECURITY SAFETY (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 28 1643 .
30.	This contractor shall provide VIDEO SURVEILLANCE (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 28 2300 .
31.	This contractor shall provide FIRE ALARM SYSTEM (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 28 3100 . a. This contractor to include all data connections required for fire alarm system. Fire alarm system to be installed by TC-032 Electrical.
32.	This contractor shall include 500 Journeyman Overtime Work Hours to be used for schedule maintenance by the Construction Manager. The trade contractor must include all travel, per diem, fringes, OH&P, etc. costs (a fully loaded rate) on these hours and they are only to be used by the trade contractor at the direction and

Attachment "B"
SCOPE OF WORK
TC-033 – Technology

	approval of the Construction Manager. These hours will be logged and usage tracked. Usage of these hours can occur during the week or on Saturdays – no Sundays are intended.
33.	This Contractor will include all Building Information Modeling per the contract documents. Refer to attachment H for BIM requirements associated with this scope. All costs for the BIM process for this scope of work shall be included in the base bid. Include the scheduled Document Control Server Allowance for Box server use and hardware/software, as well as the Project BIM Coordinator Allowance for 3rd party BIM manager directed by the Construction Manager. These allowances are not for the use of the MEP trades for their coordination. <ul style="list-style-type: none"> a. This Trade Contractor shall be responsible to reflect the actual location of conduits and electrical gear where connections are to be made with existing work in the BIM b. BIM Modeling under this scope of work will include all conduits ¾" nominal size and larger. c. Provide all Raceway BIM modeling to show all required Pull Boxes. Pull Boxes are to be shown and coordinated with all other work from all trades for installation location and access. Provide a Pull Box Sizing Table with the BIM modeling pages. d. This Trade Contractor shall also include an additional 160 hours of BIM coordination to be used at the Owner/CM's discretion
34.	The intent is to utilize the coordination in the 3D model to prefabricate off-site as much material as possible. All materials possible will be Prefabricated and packaged for Just-in-Time delivery at the job site and be on wheels for delivery to the area of install. No pre-packaged or loose materials to be delivered to the job site that will not be installed within 4 days of delivery. <ul style="list-style-type: none"> a. The intent of this scope is to have Prefabricated Piping and Offsets in a Kit-of-Parts style that can be installed overhead and in walls. The contractors' shop drawings should reflect this intended scope. b. During BIM coordination, zones will be determined for above ceiling systems installations. Prefabrication and installation will be determined by these zones. c. If it is determined through BIM coordination that contractors will have to stack in a "rack like" configuration, these contractors shall coordinate the prefabrication of these racks with each other.
35.	Due to the size of this scope of work, provide a full-time on-site Project Manager for the duration of work. (ADD #2)
36.	This contractor shall provide WIRING DEVICES AND PLATES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 2726. (ADD #2)

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Raceways and Fittings, and boxes for electrical scope
3.	Cabling and devices for AV and MS drawings

E.	ALLOWANCES
	The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project. Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.
1	Document Control Server Allowance - \$3,000 \$5000 (ADD #2)
2	Project BIM Coordinator Allowance - \$45,000
3	Additional Medical and Laboratory Equipment Coordination Allowance - \$50,000
4	Additional Audio Visual and Medical Simulation Coordination Allowance - \$50,000

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SCOPE OF WORK
TC-033 – Technology

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contractor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-033 – Technology

BIDDER’S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administered by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list "Self-Perform" for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner’s representative after the bid deadline.

<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
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_____	_____

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-034 - Interior General Trades

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION BID OPENING DATE: **January 29th, 2025**
PROCUREMENT TIME 3:00 P.M. E.D.T.
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

- Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. CCK-2564.0-16-25 have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|---|---|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) SMALL BUSINESS: A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) LARGE BUSINESS: A business concern that exceeds the small business size code standards established by SBA.
- (03) DISADVANTAGED SMALL BUSINESS: A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) DISADVANTAGED LARGE BUSINESS: A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) WOMAN-OWNED SMALL BUSINESS: A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) WOMAN-OWNED LARGE BUSINESS: A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS: A concern that meets the definition of both (03) and (05) above.
- (08) DISADVANTAGED, WOMAN OWNED LARGE BUSINESS: A concern that meets the definition of both (04) and (06) above.
- (09) OTHER: A concern that does not meet any of the above definitions.

Attachment "B"
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TC-034 – Interior General Trades

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. VENDOR NUMBER: It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

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UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
Metal Roof Panels		
Expansion Joint Cover Assemblies		
ICU Entrance		
Corner Guards		
Plastic Laminate Clad Locker		
Roller Window Shade		
Fixed Table		
Bike Rack		

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TC-034 – Interior General Trades

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

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PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Final Cleaning					\$
8	Pipe and Tube Railings					\$
9	Glazed Decorative Metal Railings					\$
10	Sheathing, Roofing, and Air Barriers					\$
11	Doors, Frames, and Hardware					\$
12	Auto Operators					\$
13	ICU Entrances					\$
14	Coiling Smoke Curtains, Folding Panels, Vertical Retracting Walls					\$
15	Glazing					\$
16	Wall and Door Protection					\$
17	Toilet Accessories					\$
18	Fire Protection					\$
19	Lockers					\$
20	Roller Window Shades					\$
21	Fixed Tables					\$
22	Temporary Protection					\$
23	Trash Cans, Carts, Dumpsters					\$
24	Lull and Yard Boss					\$
25	Temporary Construction					\$
26	Project Break Area					\$
27	Vertical Transportation					\$
28	Entry/Exit Vestibules					\$
29	Overhead & Profit					\$
Please list and break down below any work that has not been listed above						
						\$

Attachment "B"
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						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000 \$5,000 (ADD #2)
2	Additional Hoist Capacity Allowance					\$25,000
3	Additional Temporary Restrooms Allowance					\$60,000
4	Video Monitoring Allowance					\$50,000
5	Additional Temporary Protection Allowance					\$35,000
6	Temporary Wayfinding and Signage Allowance					\$15,000
7	Additional Overhead Support Coordination Allowance					\$50,000
8	Progression Photo Allowance					\$90,000 (ADD#2)

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner Form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. a. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 03 3000 Cast-In-Place Concrete b. 05 1000 Structural Anchors c. 05 5213 Pipe and Tube Railings (Partial) d. 05 7000 Decorative Metal (Partial) e. 05 7313 Glazed Decorative Metal Railings f. 06 1000 Rough Carpentry (Partial) g. 06 1600 Sheathing h. 06 1700 Engineered Framing Systems i. 07 2726 Fluid-Applied Membrane Air Barriers j. 07 4113 Manufactured Metal Roof Panels k. 07 4293 Soffit Panels l. 07 6200 Sheet Metal Flashing and Trim m. 07 8100 Applied Fireproofing (Partial) n. 07 8413 Penetration Firestopping o. 07 9200 Joint Sealants p. 07 9219 Acoustical Joint Sealants q. 07 9513.13 Interior Expansion Joint Cover Assemblies (Partial) r. 08 1113 Hollow Metal Doors and Frames (Partial) s. 08 1173.13 Accordion Fire & Smoke Rated Doors with Egress

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

	<ul style="list-style-type: none"> t. 08 1416 Flush Wood Doors (Partial) u. 08 3123 Floor Doors v. 08 3300 Side Coiling Security Grilles w. 08 3343 Overhead Coiling Smoke Curtains x. 08 4243 Intensive Care Unit Entrances y. 08 7100 Door Hardware (Partial) z. 08 8300 Mirrors aa. 08 8000 Glazing (Partial) bb. 08 8813 Fire Rated Glazing (Partial) cc. 10 1100 Visual Display Units dd. 10 1426 Post and Panel Pylon Signs ee. 10 1443 Photoluminescent Egress Path Marking ff. 10 2113.19 Plastic Toilet Compartments gg. 10 2123 Cubicle Curtains and Track hh. 10 2213 Wire Mesh Partitions (ADD #2) ii. 10 2239 Folding Panel Partitions jj. 10 2241 Automatic Vertically Retractable Acoustic Wall kk. 10 2600 Wall and Door Protection ll. 10 2800 Toilet, Bath, And Laundry Accessories mm. 10 4313 Defibrillator Cabinets (ADD #2) nn. 10 4413 Fire Protection Cabinets oo. 10 4416 Fire Extinguishers pp. 10 5123 Plastic-Laminate-Clad Lockers qq. 12 2413 Roller Window Shades rr. 12 5633 Fixed Tables ss. 12 9313 Bike Racks
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

C.	SPECIFIC SCOPE ITEMS
1.	<p>This Trade Contractor shall participate in the construction of on-site mock-ups as specified and indicated by the documents and/or noted elsewhere. This shall include providing of materials required for this trade contract scope of work, coordinating with other trade contractors with regard to sequencing of installations and protection of materials, furnishing shop drawings and /or setting drawings, etc. Materials for in place or interim mock-ups shall be secured in advance of normal procurement to allow for ALL trade contractor installations, owner/designer and user reviews and evaluations, meetings, approvals and directive if applicable. Mockups are understood to start with arrangement of wall rough-in through complete room finishes. At a minimum, a mockup for each type of room will be constructed.</p> <p>a. This contractor shall include a mock up of the roller window shades installation in the northeast corner of area A. Assume that this will not be an in place mockup.</p>
2.	<p>This Trade Contractor shall furnish and install all sleeves and blockouts for this contractor's penetrations of walls, floors, and roof. The cutting of metal deck as required to install the work shall be included. Any reinforcement of the deck that is required but not shown on the structural drawings is to be included in this work. This Trade Contractor is responsible for all curbs, thimbles, counter flashings, clamping rings, sealants, etc., required at roof penetrations of material and equipment covered by this work. This would include but not be limited to vents flashings, and any special curbs or flashing required. This contractor shall coordinate with the construction manager and the TC-020 CIP Shafts and Decks contractor to install all sleeve prior to concrete placement. Assume multiple mobilizations are needed. Any and all costs for core drilling required for plumbing systems raceways due to failure to coordinate the installation of sleeves and/or their incorrect location will be borne by this contractor.</p> <p>a. Per UK standards, all sleeves/blockouts shall be a minimum of 1.5" above finished floor. This work scope shall include "metal collars" (sealed) as necessary for any existing or new sleeve installations not 1.5" above the finished floor elevation (not concrete elevation). This Trade Contractor is responsible for protection of all sleeves installed for (or existing) their scope of work.</p> <p>b. This contractor is to gain fire stopping inspection at the floor level PRIOR to installing the 1.5" metal collar. The installation of the metal collar and floor fire stopping shall not be in one action preventing proper fire stop inspection.</p> <p>c. All roof penetrations are to be included in this work scope. This contractor is to include all costs to repair/tie-in/patch the roofing utilizing the TC-024 roofing contractor of record. This includes any work included in this contract. Any roof or floor protection required for the movement of workmen or equipment is to be included.</p> <p>d. All openings installed under this scope are the sole responsibility of this contractor to ensure that they are water tight prior to their end of shift. This contractor shall coordinate openings with proper trades.</p> <p>e. This contractor shall provide all Firestopping per the specification listed below at all rated penetrations in coordination with installation of rated assemblies.</p>
3.	<p>This contractor shall provide FINAL CLEANING (COMPLETE) as shown on the contract documents and in accordance with specification section 01 7700. Final Cleaning shall be done by a certified cleaning company approved by the CM, not laborers. Assume cleaning to be completed on a "per area; per floor" basis. Include separate mobilizations for each Area A, B, C on each floor.</p> <p>a. Construction Clean (debris & dust free):</p> <p>i. Include a "heavier" construction clean after the work is completed and before consultant punch list.</p> <p>ii. Includes "wet wipe" inside and out (both sides) of all "removable/hinged" ceiling lens of light fixtures, "wet wipe" of other ceiling device fixtures. Broom sweep/vacuum and dust, mop floors. "Dry wipe" wall(s)/door frames/doors, "dry wipe" all other wall devices, proper cleaning of all interior building glass and associated assembly. All surfaces and built-in reflected on documents, cleaning inside and out of millwork drawers and cabinets (all), tile, plumbing fixtures counter tops, remove any floor surface adhesive, etc... including mopping of ALL floors, scuff free, no paint splatters. Heavy scraping and scrubbing may be required to remove some debris.</p>

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

	<ul style="list-style-type: none"> iii. Construction clean shall be completed in designated areas outlined in the project schedule and before the MEP and Architectural punch list. iv. Include sweeping and mopping of stairwells horizontal surfaces and wipe down of all handrails. v. Include the removal of any stickers door and windows vi. Include removal all floor protection prior to cleaning. Palletize floor protection and turn over. Review TC-039 Soft Flooring and TC-040 Tile and Terrazzo for floor protection quantities and information. b. Final Construction Clean (final construction wipe): <ul style="list-style-type: none"> i. This clean is <u>after</u> installation (by others) of new furniture and equipment, MEP and Architectural punch list work. <u>This is intended to be a "lighter" clean after completion of minor punch list items.</u> ii. Include wipe down of the interiors of the all new air handlers. This includes one (1) "wet wipe" cleaning (interior ONLY) of all inside surfaces, lights, supports, devices, etc. All floors shall be swept and final mopped clean. Assume one mobilization for each air handler. iii. Include sweeping and mopping of stairwells horizontal surfaces and wipe down of all handrails. iv. Include final cleaning of all elevators at the end of the project. Any existing protection shall remain in the small elevator. c. Provide entry area "sticky mats" and trash can to protect the interest of your cleaned space. Place, maintain and replace when soiled to protect cleaned space(s) from the start of construction clean through final clean in each area. Assume UK personnel and vendors will come and go. Assume the occasional contractor(s) will also need to come and go. Provide 100 boxes of shoe coverings to maintain floor cleanliness d. This contractor to include four hundred (400) man-hours and \$15,000 worth of supplies for miscellaneous cleaning to be used at the direction of the construction manager.
4.	<p>This contractor shall provide CAST-IN-PLACE CONCRETE (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 03 3000. This Trade Contractor shall provide any curbs and/or housekeeping pads, concrete anchors for all equipment, etc. contained in this work scope. This includes pads that are not shown on the contract drawings, yet required for the work of this contract. This includes concrete for any pre-purchased equipment by the owner. This Trade Contractor shall coordinate size and layout of pads. This scope includes all design and installation of anchorage of the equipment per approved details. Provide BIM modeling and coordination for review and approval prior to placement of Pads.</p>
5.	<p>This Trade Contractor shall include all materials, labor, tools, and equipment to provide all STRUCTURAL SUPPORTS & ANCHORS (COMPLETE) as required for this scope of work and as shown the Contract Documents and in accordance with section 05 1000.</p> <ul style="list-style-type: none"> a. All systems must meet seismic and structural requirements as indicated on the structural drawings. b. Provide and install all support and all blocking for all equipment within this work scope. All equipment supports, isolators, etc. required to complete this scope shall be furnished and installed by this Trade Contractor. This includes any miscellaneous metals, hangers, bridging, etc. Structural supports associated with any items installed in Trade Contractor's work.
6.	<p>This contractor shall provide PIPE AND TUBE RAILINGS (Partial) as shown on the Contract Documents and in accordance with section 05 5213 which includes, but is not limited to:</p> <ul style="list-style-type: none"> a. Include all railings shown outside of stairwells b. Include all railings shown in mechanical rooms or on roofs c. Include all attachments for these railings listed above, including blocking.
7.	<p>This contractor shall provide DECORATIVE METAL (PARTIAL) as shown on the Contract Documents and in accordance with section 05 7000 which includes, but is not limited to:</p> <ul style="list-style-type: none"> a. Any trims or plates that interact with any items provided in this scope of work are to be provided by TC-034 Interior General Trades

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

8.	This contractor shall provide GLAZED DECORATIVE METAL RAILINGS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with section 05 7313 .
9.	This contractor shall provide ROUGH CARPENTRY (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with section 06 1000 which includes but not limited to: a. All blocking required (where explicitly shown on the Contract Documents or not) for this trade contract's divisions of work and installation of items in this scope of work.
10.	This contractor shall provide SHEATHING (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with section 06 1600 which includes, but is not limited to: a. All wood sheathing shown on the contract documents.
11.	This contractor shall provide ENGINEERED FRAMING SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 06 1700 .
12.	This contractor shall provide FLUID-APPLIED MEMBRANE AIR BARRIERS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 2726 .
13.	This contractor shall provide MANUFACTURED METAL ROOF PANELS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 4113 . a. Coordinate panel installation with steel and façade install.
14.	This contractor shall provide SOFFIT PANELS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 4293 .
15.	This contractor shall provide SHEET METAL FLASHING AND TRIM (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 6200 . a. Coordinate roof drain installation in gutter with TC-026 Plumbing Risers contractor.
16.	This contractor shall provide APPLIED FIREPROOFING (PARTIAL) as shown on the Contract Documents and in accordance with section 07 8110 . a. Provide 200 hours of fireproof patching to be used at the direction of the CM. Assume the bagged material will be provided for this contractor to use. This contractor is to all labor and/or equipment rental needed to perform this work. This contractor is to provided someone certified to install fireproofing to perform this work.
17.	This contractor shall provide PENETRATION FIRESTOPPING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 8413 .
18.	This contractor shall provide JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9200 . a. Include cleaning out and caulking of all joints in concrete slabs.(ADD #2)
19.	This contractor shall provide ACCOUSTICAL JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9919 .
20.	This contractor shall provide INTERIOR EXPANSION JOINT COVER ASSEMBLIES (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9513.13 which includes, but is not limited to: a. This contractor is to install all expansion joints in floors. Coordinate the expansion joint locations in the floor with TC-039 Soft Flooring or TC-040 Tile and Terrazzo
21.	This contractor shall receive, shake-out, store as required and install HOLLOW METAL DOORS AND FRAMES as shown on the Contract Documents and in accordance with section 08 1113 . HM Doors and frames are furnished by TC-036 Doors and Hardware . TC-034 to coordinate delivery and storage of HM doors and frames not in drywall partitions. Frames in drywall partitions delivery and storage to be coordinated by TC-029 Drywall and Ceilings . a. Install all HM doors and hardware. Frame install in drywall partitions is by TC-029 Drywall and Ceilings . TC-034 is to review frame installation prior to hanging of doors. Once the doors are hung, TC-034 is accepting the installation of the frame by TC-029 . Any rework required after the doors are hung will be by TC-034 . TC-034 shall maintain a sign off sheet that shall be shared with both TC-029 and the CM. b. TC-034 to reference TC-036 Doors and Hardware scope of work for specifics on preinstalled hardware.

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	<ul style="list-style-type: none"> c. TC-034 to include installation of "loose" hardware into the frame as stated below. d. TC-034 shall receive, shake-out, and install any hollow metal frames not in a drywall partitions. i. This includes the grouting of frames in masonry walls and concrete walls (ADD #2). Assume masonry to be installed prior to setting the door frame. e. Discard all packaging, skids, etc. to site dumpster unless instructed otherwise. f. Contractor to include an additional 500 Overtime hours of door adjustment. This shall be monitored by the CM and used at their discretion. This shall include frame adjustment, bondo of frame, adjustment of door, etc. g. Include installing temporary protection (Ram Board or similar) on doors after they are hung. Include partial removal for installation of door hardware and full removal prior to painting. h. Include an additional \$20,000 and 300 hours for HM door and frame repair.
22.	<p>This contractor shall provide ACCORDIAN FIRE & SMOKE RATED DOORS WITH EGRESS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 08 1173.13.</p> <ul style="list-style-type: none"> a. This contractor shall coordinate the framing of the openings with TC-029 Drywall and Ceilings. This contractor shall review and accept the openings prior to installation. b. Coordinate the power and fire alarm connections with TC-032 Electrical Interiors.
23.	<p>This contractor shall receive, shake-out, store as required and install FLUSH WOOD DOORS as shown on the Contract Documents and in accordance with section 08 1416. Doors, frames and hardware are furnished by TC-036 Doors and Hardware. TC-034 to coordinate delivery and storage of doors and hardware.</p> <ul style="list-style-type: none"> a. Install all doors and hardware. Frame install in drywall partitions is by TC-029 Drywall and Ceilings. Storefront frames are by TC-042 Interior Glazing and Storefronts. TC-034 is to review frame installation prior to hanging of doors. Once the doors are hung, TC-034 is accepting the installation of the frame by TC-029 or TC-042. TC-034 shall maintain a sign off sheet that shall be shared with TC-029, TC-042, and the CM. b. TC-034 to reference TC-036 Doors and Hardware scope of work for specifics on preinstalled hardware. c. TC-034 to include installation of "loose" hardware into the frame as stated below. d. Discard all packaging, skids, etc. to site dumpster unless instructed otherwise. e. Include installing temporary protection (Ram Board or similar) on doors after they are hung. Include partial removal of protection for installation of door hardware and full removal prior to punchlist.
24.	<p>This contractor shall provide FLOOR DOORS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 08 3123.</p>
25.	<p>This contractor shall provide all SIDE COILING SECURITY GRILLES (COMPLETE) as shown in the contract documents and in section 08 3300.</p> <ul style="list-style-type: none"> a. This contractor shall coordinate the framing of the openings with TC-029 Drywall and Ceilings. This contractor shall review and accept the openings prior to installation. b. Coordinate the power and fire alarm connections with TC-032 Electrical Interiors.
26.	<p>This contractor shall provide all OVERHEAD COILING SMOKE CURTAINS (COMPLETE) as shown in the contract documents and in section 08 3343.</p> <ul style="list-style-type: none"> a. This contractor shall coordinate the framing of the openings with TC-029 Drywall and Ceilings. This contractor shall review and accept the openings prior to installation. b. Coordinate the power and fire alarm connections with TC-032 Electrical Interiors.
27.	<p>This contractor shall provide all INTENSIVE CARE UNIT ENTRANCES (COMPLETE) as shown in the contract documents and in section 08 4243.</p>
28.	<p>This contractor shall receive, shake-out, store as required, inventory and install all DOOR HARDWARE as shown on the Contract Documents and in accordance with section 08 7100. Hardware to be furnished by TC-036 Doors and Hardware.</p> <ul style="list-style-type: none"> a. TC-034 to coordinate delivery and storage of doors and hardware. b. Reference TC-036 Doors and Hardware scope of work for specifics on "*PRE-INSTALLED HARDWARE: Doors shall be shipped FOB jobsite with pre-installed hardware*."

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	<ul style="list-style-type: none"> c. Discard all packaging, skids, etc. to site dumpster unless instructed otherwise by hardware/door supplier. d. This contractor to include installation of "loose" hardware into the frame and not include as "pre-installed" such as devices mounted on/in the frame (i.e. shear locks, door contact) or after the door is mounted (i.e. closer). Remove and reinstall various pieces of hardware to allow the TC-041 Painting, TC-032 Electrical Interiors and TC-033 Technology Interiors to make final wiring connections. Coordinate locations with these contractors. e. Include shimming of all doors to maintain required gap per specifications. Shims to be included (shipped loose) by TC-036 Doors and Hardware contractor. f. Include installation of 100 cylinders and cores provided by TC-036 in access doors installed by TC-029 g. Auto Operators shall be provided by TC-034 Interior General Trades contractor. Coordinate functionality with TC-036 Doors and Hardware, TC-032 Electrical Interiors, and TC-033 Technology Interiors.
29.	This contractor shall provide all MIRRORS (COMPLETE) as shown in the contract documents and in section 08 8300 .
30.	<p>This contractor to provide GLAZING (Partial) is as shown in the contract drawings in in section 08 8000.</p> <ul style="list-style-type: none"> a. Glazing at all wood and hollow metal doors to be preinstalled by TC-036 Doors and Hardware prior to delivery to the jobsite. b. TC-034 General Trades shall provide all glazing in all HM frames. Storage of glazing will not be allowed on the project site. Contractor to ship glazing at direction of construction manager for immediate installation. c. TC-034 to provide Glazing in all ICU Entrances. d. Provide film at all glazing as shown in contract documents.
31.	<p>This contractor to provide FIRE-RATED GLAZING (Partial) is as shown in the contract drawings in in section 08 8813.</p> <ul style="list-style-type: none"> a. Glazing at all wood and hollow metal doors to be preinstalled by TC-036 Doors and Hardware prior to delivery to the jobsite. b. TC-034 General Trades shall provide all glazing in all HM frames. Storage of glazing will not be allowed on the project site. Contractor to ship glazing at direction of construction manager for immediate installation. c. TC-034 to provide Glazing in all ICU Entrances. d. Provide film at all glazing as shown in contract documents.
32.	This contractor to provide VISUAL DISPLAY UNITS (COMPLETE) as shown in the contract documents and in section 10 1100 .
33.	This contractor to provide PHOTOLUMINESCENT EGRESS PATH MARKING (COMPLETE) as shown in the contract documents and in section 10 1443 .
34.	<p>This contractor to provide PLASTIC TOILET COMPARTMENTS (COMPLETE) as shown in the contract documents and in section 10 2113.19.</p> <ul style="list-style-type: none"> a. Above ceiling structural support to be provided by TC-023 Miscellaneous Steel. TC-034 to coordinate locations with TC-023. TC-034 to approve locations prior to installation of support. b. TC-034 is to account for any miscellaneous framing needed to install blocking for this scope.
35.	<p>This contractor shall provide all CUBICLE CURTAINS AND TRACK (COMPLETE) as shown in the contact documents and in section 10 2123.</p> <ul style="list-style-type: none"> a. Include coordination of above ceiling blocking/support with ceiling installation with TC-029 Drywall and Ceilings contractor.
36.	<p>This contractor shall provide all WIRE MESH PARTITIONS (COMPLETE) as shown in the contact documents and in section 10 2213.</p> <ul style="list-style-type: none"> a. Include any support, framing, and/or blocking needed for a complete installation.
37.	<p>This contractor shall provide FOLDING PANEL PARTITIONS (COMPLETE) as shown in the contract documents and in section 10 2239.</p> <ul style="list-style-type: none"> a. Above ceiling structural support to be provided by TC-023 Miscellaneous Steel. TC-034 to coordinate locations with TC-023. TC-034 to approve locations prior to installation of support. b. TC-034 is to account for any miscellaneous framing needed to install blocking for this scope.

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

	c. Coordinate the power and fire alarm (if required) connections with TC-032 Electrical Interiors .
38.	This contractor shall provide AUTOMATICALLY VERTICALLY RETRACTABLE ACOUSTIC WALL (COMPLETE) as shown in the contract documents and in section 10 2241 . a. Above ceiling structural support to be provided by TC-023 Miscellaneous Steel . TC-034 to coordinate locations with TC-023 . TC-034 to approve locations prior to installation of support. b. TC-034 is to account for any miscellaneous framing needed to install blocking for this scope. c. Coordinate the power and fire alarm (if required) connections with TC-032 Electrical Interiors .
40.	This contractor to provide WALL AND DOOR PROTECTION (COMPLETE) as shown in the contract documents and in section 10 2600 .
41.	This contractor to provide TOILET, BATH, AND LAUNDRY ACCESSORIES (COMPLETE) as shown in the contract documents and in section 10 2800 .
42.	This contractor to provide FIRE PROTECTION CABINETS (COMPLETE) as shown in the contract documents in in section 10 4413 .
43.	This contractor to provide FIRE EXTINGUISHERS (COMPLETE) as shown in the contract documents in in section 10 4416 .
44.	This contractor shall provide PLASTIC LAMINATE CLAD LOCKERS (COMPLETE) as shown in the contract documents and in section 10 5123 .
45.	This contractor shall provide ROLLER WINDOW SHADES (COMPLETE) as shown on the Contract Documents and in accordance with section 12 2413 . a. This contractor to provide side channels if required for blackout shades. b. This contractor to coordinate framing for these with TC-029 Drywall and Ceilings . TC-034 is to account for any miscellaneous framing needed to install blocking for roller shades. c. This contractor shall coordinate power for any motorized shades to be provided by TC-033 Electrical Interiors .
46.	This contractor shall provide FIXED TABLES (COMPLETE) as shown on the Contract Documents and in accordance with section 12 5633 . a. Include coordination with TC-032 Electrical Interiors and TC-033 Technology Interiors for the power and data connections to these tables.
47.	This contractor shall provide BIKE RACKS (COMPLETE) as shown on the Contract Documents and in accordance with section 12 9313 .
48.	This contractor shall receive, shake-out, store (coordinate with CM) and install (set) OWNER FURNISHED ITEMS (COMPLETE) as shown on the Contract Documents. See Contract Documents for clarification of owner furnished/contractor installed (OFCl); and owner furnished and installed items (OFoI). This contractor to provide all blocking, fasteners, supports, etc. for both OFCl and OFoI as required. a. Witness delivery of equipment to jobsite. Inspect all equipment prior to unloading and identify in writing and damage observed. Notify Turner immediately upon discovery of any and all manufacturing flaws, missing components or damaged parts; include documentation and pictures. Missing equipment shall be noted on the packing slip at time of delivery.
49.	This contractor is to provide, maintain, and remove all (including glue residue) TEMPORARY PROTECTION as described below: a. Elevator protection on floor/door/frames and cab for construction use of elevator. Assume all elevator require protection. Protection on frame includes threshold, jambs, and head at every floor. Protection of elevator cab includes walls ceiling, and floor. This protection shall be a minimum 3/4" thick plywood walls with 2" x 4" framing. Includes installation and maintenance of all protection for locations as needed to support project. b. Cardboard sheet door protection for all doors for the entire project. Install Ram Board or similar protection upon installation of new doors and so that subsequent work activities have access to door features.
50.	Due to the size of this scope of work, provide a full-time on-site Project Manager for the duration of work. (ADD #2)
51.	This contractor shall provide WIRE MESH PARTITIONS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with section 10 2213 . (ADD #2)
52.	This contractor shall provide DEFIBRILLATOR CABINETS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with section 10 4313 . (ADD #2)

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

53.	This contractor shall provide temporary protection for the installation of the Chilled Water Vault at the NE corner of the building. a. Include installation and removal of 500 SF of roadway plates that span top of vault. b. Include installation and removal of plywood protection at first and second floor curtainwall system located at NE corner of building. (ADD #2)
54.	This contractor to include \$10,000 for additional surveying to be used at CM's discretion. (ADD #2)
55.	This contractor to include cleaning out of all new and existing underground utility structures onsite including but not limited to electrical and communications vaults, steam vaults, and storm and sanitary structures. This cleaning to include any pumping of excess water and removal of all dirt and debris. Timing of this work is to be coordinated with CM. (ADD #2)

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Railings in Stairwells
3.	Installation of Frames in Drywall Partitions
4.	Interior Expansion Joint Assemblies in Walls or Ceilings

E.	ALLOWANCES
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>
1	Document Control Server Allowance \$3,000 \$5,000 (ADD #2)
2	Additional Hoist Capacity Allowance - \$25,000
3	Additional Temporary Restrooms Allowance – \$60,000
4	Video Monitoring Allowance - \$50,000
5	Additional Temporary Protection Allowance - \$35,000
6	Temporary Wayfinding and Signage Allowance - \$15,000
7	Additional Overhead Support Coordination Allowance - \$50,000
8	Progression Photo Allowance - \$90,000 (ADD #2)

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	<p>Due to the critical nature of the schedule, the Trade Contractor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items:</p> <ol style="list-style-type: none"> Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. Shift work plan. Number of Foremen Anticipated lead times and permit approval. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

Attachment "B"
SCOPE OF WORK
TC-034 – Interior General Trades

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-035 – Spray Foam Insulation

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY BID OPENING DATE: **January 29th, 2025**
CAPITAL CONSTRUCTION TIME **3:00 P.M. E.D.T.**
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.
 - Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|---|---|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

THE FOLLOWING ITEMS ARE HEREWITH ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. VENDOR NUMBER: It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
6	Spray Foam					\$
7	Overhead & Profit					\$
Please list and breakdown below any work that has not been listed above						
17						\$
18						\$
19						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000 \$5,000 (ADD #2)

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample 3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below. <ul style="list-style-type: none"> a. 07-2129-K-13-Spray-On-System (ADD #2) b. 07-2119-Spray Foam Insulation (ADD #2)
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

C.	SPECIFIC SCOPE ITEMS
1.	This contractor shall install K-13 SPRAY-ON SYSTEM (COMPLETE) in accordance with the contract documents and section 07-2119.
2.	This contractor shall coordinate all spray foam installation with 3 rd party testing agent to ensure that proper thickness of insulation has been installed. <ul style="list-style-type: none"><li>a. Any locations that are found to be out of tolerance by the testing agent, either too thick or too shallow installation, shall be remedied and retested/reinspected by the testing agent prior to wall closure.<li>b. This contractor will be responsible for covering all costs of any rework required by other trades to access and repair non-compliant insulation that was not remedied prior to wall closure.
3.	This contractor shall take special care to ensure that overspray does not get on any finished work. Any overspray shall be cleaned up before leaving the area, or by the end of the shift, whichever occurs sooner.
4.	Assume Multiple mobilizations with each mobilization consisting of 3 floors at a time.
5.	This contractor shall install SPRAY FOAM INSULATION (COMPLETE) in accordance with the contract documents and section 07 2119. (ADD #2)

Attachment "B"
SCOPE OF WORK
TC-035 – Spray Foam Insulation

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond

E.	ALLOWANCES
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>
1.	Document Control Server Allowance - \$3,000 \$5,000 (ADD #2)

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	<p>The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.</p>
3.	<p>Due to the critical nature of the schedule, the Trade Contractor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items:</p> <ol style="list-style-type: none"> Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. Shift work plan. Number of Foremen Anticipated lead times and permit approval. <p>The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.</p>

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-036 Doors and Hardware

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION BID OPENING DATE: **January 29th, 2025**
PROCUREMENT TIME 3:00 P.M. E.D.T.
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

- Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|---|---|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

THE FOLLOWING ITEMS ARE HEREWITH ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. VENDOR NUMBER: It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
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PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Shop drawings and Submittals					\$
2	Safety and Housekeeping					\$
3	Project Management					\$
4	General Work Requirements					\$
5	Deliveries					\$
6	Hollow Metal Doors and Frames					\$
7	Flush Wood Doors					\$
8	Door Hardware					\$
9	Door Hardware Consultant					\$
10	Glazing					\$
11	Overhead & Profit					\$
Please list and breakdown below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000 \$5,000 (ADD #2)

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: <ul style="list-style-type: none"> a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment “B”
SCOPE OF WORK
TC-036 – Doors and Hardware

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 08 1113 Hollow Metal Doors and Frames b. 08 1416 Flush Wood Doors c. 08 7100 Door Hardware d. 08 8000 Glazing (Partial) e. 08 8813 Fire-Rated Glazing (Partial)
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included “complete” as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

C.	SPECIFIC SCOPE ITEMS
1.	This Trade Contractor shall participate in the construction of on-site mock-ups as specified and indicated by the documents and/or noted elsewhere. This shall include providing of materials required for this trade contract scope of work, coordinating with other trade contractors with regard to sequencing of installations and protection of materials, furnishing shop drawings and /or setting drawings, etc. Materials for in place or interim mock-ups shall be secured in advance of normal procurement to allow for ALL trade contractor installations, owner/designer and user reviews and evaluations, meetings, approvals and directive if applicable. Mockups are understood to start with arrangement of wall rough-in through complete room finishes. At a minimum, a mockup for each type of room will be constructed.
2.	Frames, Doors & Hardware will include the industry standard labels, but free of any and all " stickers " and other markings other than in the hinge recess frame & door number identification.
3.	<p>This contractor shall furnish HOLLOW METAL DOORS AND FRAMES (COMPLETE) (FOB Jobsite) as shown on the Contract Documents and in accordance with specification section 08 1113</p> <ul style="list-style-type: none"> a. Contractor to ship frames at direction of construction manager for installation by the TC-029 Drywall and Ceilings contractor in drywall partitions or TC-034 General Trades contractor in masonry partitions. b. Door and Frame deliveries will be in phases by floor by area. Coordinate deliveries with Turner. c. This contractor to include all hollow metal window frames as shown on contract documents. d. Hollow Metal frames in CMU walls are a priority. Assume separate submittals and shipment ahead of other frames. Include expediting of these frames to be on the jobsite as soon as possible. e. Conduit installed for electrified door operation shall be installed per the Electrical specifications and UK standards. f. Contractor to ship doors at direction of construction manager for installation by the TC-034 General Trades contractor. g. This contractor is to provide a shim pack for all door openings (shipped loose with each door package). Provide shims appropriate for each type of hinge for use by installing contractors in the field. h. Storage of hollow metal doors will not be allowed on the project site. Contractor to ship doors at direction of construction manager for immediate installation by the TC-034 General Trades contractor. i. Door deliveries will be in phases by floor by area. Coordinate deliveries with Turner. j. TC-036 shall coordinate aluminum frame attachment type with TC-029. k. Contractor shall include field modification of frames if they are manufactured and delivered incorrectly. All costs shall be borne by this contractor. l. Include a site visit and installation instructions for first install of both HM doors and frames
4.	<p>This contractor shall furnish FLUSH WOOD DOORS (COMPLETE) with PRE-INSTALLED HARDWARE as shown on the Contract Documents and in accordance with specification section 08 1416.</p> <ul style="list-style-type: none"> a. Contractor to ship doors at direction of construction manager for installation by the TC-034 General Trades contractor. Assume shipments to be broken down by floor, by area. b. Undercutting of doors will be required - coordinate the exact dimension with Turner Project Superintendent. c. This contractor is to provide a shim pack for all door openings (shipped loose with each door package). Provide shims appropriate for each type of hinge for use by installing contractors in the field. d. Include Masonite door protection on entire lower half of door. Protection must be sufficient to protect door from carts and other material moving through opening. Continuous protection shall be such to allow door operation after hanging door. e. Storage of wood doors will not be allowed on the project site. Contractor to ship doors at direction of construction manager for immediate installation by TC-034 General Trades contractor. f. Door deliveries will be in phases by floor by area. Coordinate deliveries with Turner g. Include \$35,000 of wood door repair with the "Door Doctor".

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

5.	<p>This contractor shall furnish and install DOOR HARDWARE (COMPLETE) as shown on the Contract Documents and in accordance with specification section 08 7100.</p> <p>The intent is that the hardware be installed on the doors before they are shipped to the project site. This hardware shall be protected during transportation.</p> <ul style="list-style-type: none">a. Pre-install door hardware in accordance with the hardware specifications, but given the following exceptions/conditions: All hardware (closer arm & cover & frame shoe, floor closers, frame strike plates, wall & floor stops, weather stripping, thresholds, floor plates, door bottoms, wall/door mags, frame silencers) attached to the walls, floor or frame is packaged "loose" with each door. Hinges are pre-installed on door. Inspect door and hardware, address manufactures errors & omissions before shipping FOB jobsite. Cylinders are pre-installed in hardware before shipping. Contractor will be charged all costs for any hardware not listed above that comes "loose" to be installed on the project.b. TC-036 shall assist in the onsite inventory of loose hardware. Assume reviewing with TC-034 onsite after each loose hardware delivery.c. Pre-installed door hardware means that all wiring is installed and connected to the hardware for all secure, and non-secure doors. The intent of the pre-installed hardware is for the door/hardware assembly to be installed without having to remove the pre-installed hardware for any "future installation."d. This contractor shall furnish ELECTRIFIED HARDWARE DEVICE OPERATIONS SCHEDULE.e. Provide a qualified hardware consultant to take the lead role in the final coordination of the sequence of operation for each electrified door and all required tie-ins and interfaces by the various technology disciplines. These disciplines shall include, but are not be limited to, fire alarm, HVAC controls, access controls, etc. This consultant <u>shall prepare sequence of operations, schematics, wiring diagrams etc.</u> Consultant shall attend and run meetings (at the jobsite in Lexington, KY) with the owner's staff, security consultant, jobsite electricians and technology contractors, etc. to work through all details and expectations of the final operation.<ul style="list-style-type: none">i. This includes coordination with the electrified door hardware in doors installed in Storefronts.f. All electrified doors (as part of the hardware set) are to include an electrified termination box to be installed above ceiling of each door. Each termination box is to include a sticker on the front cover detailing the wiring layout of each opening. The purpose is to provide a "clean" connection point for all systems for each opening. This box is to be shipped to TC-033 Technology for installation. Coordinate with TC-033 for deliveries.g. This contractor should expect to lead multiple onsite meetings over the first half of the project in order to coordinate the doors, hardware, and keying information for this project. This is very important to the project and a high level of involvement is expected.h. This contractor is also to include costs to "troubleshoot" door and hardware problems/issues at the end of the project. Hardware consultant is to act as a resource to solve door opening issues. Contractor shall include traveling to the project site to troubleshoot if needed.i. This contractor shall provide wiring diagrams for all electrified doors. Contractor shall coordinate these with the contract drawings and specs. Contractor shall inform the construction manager if there is conflicting information between the contract documents. Contractor to include in their pricing the more expensive of the options if conflicts are not resolved.j. Provide 100 cylinders and cores for access doors. Coordinate with TC-029 for functionality. These will be turned over to the TC-034 General Trades contractor for install.k. Auto operators will be provided by TC-034 General Trades contractor. TC-036 is to coordinate the functionality with each door that receives an auto operator to ensure no issues.
6.	<p>This contractor shall furnish GLAZING (Partial) as shown on the Contract Documents and in accordance with specification section 08 8000 which includes, but is not limited to:</p> <ul style="list-style-type: none">a. This contractor to include any associated trim and/or stops to finish the doors or frames.b. This contractor shall provide all glazing in wood or hollow metal doors. The intent is that the doors are delivered to the project with glazing already installed. This contractor shall protect pre-installed glazing for transportation to the project site. Contractor is to replace any glazing damaged during transportation.

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

7.	This contractor shall furnish FIRE-RATED GLAZING (Partial) as shown on the Contract Documents and in accordance with specification section 08 8000 which includes, but is not limited to: This contractor to include any associated trim and/or stops to finish the doors or frames. <ol style="list-style-type: none"> a. This contractor to include any associated trim and/or stops to finish the doors or frames. b. This contractor shall provide all glazing in wood or hollow metal doors. The intent is that the doors are delivered to the project with glazing already installed. This contractor shall protect pre-installed glazing for transportation to the project site. Contractor is to replace any glazing damaged during transportation.
8.	Provide One Hundred (100) ea. temporary construction cores (compatible with Best) with 25 keyed separately from the total (two separate keyways needed). Turn over to the construction manager with a total of 200 keys (2 for each lock).

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Aluminum Framed Storefront Entrances. Including glazing.
3.	Installation of doors or frames
4.	ICU doors
5.	Access doors
6.	Exterior Doors and Frames
7.	Auto Operators

E.	ALLOWANCES
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>
1.	Document Control Server Allowance - \$3,000 \$5,000 (ADD #2)

Attachment "B"
SCOPE OF WORK
TC-036 – Doors and Hardware

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-037 Architectural Woodwork

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY BID OPENING DATE: **January 29th, 2025**
CAPITAL CONSTRUCTION TIME **3:00 P.M. E.D.T.**
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____
ADDENDUM NO. _____ DATED _____
ADDENDUM NO. _____ DATED _____
ADDENDUM NO. _____ DATED _____
ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.
 - Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

CITY STATE ZIP CODE FAX _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

THE FOLLOWING ITEMS ARE HEREWITH ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Decorative Metal					\$
8	Rough Carpentry					\$
9	Interior Architectural Woodwork					\$
10	Plastic Laminate Clad Architectural Cabinets					\$
11	Plastic Paneling					\$
12	Plastic Resin Fabrications					\$
13	Joint Sealants					\$
14	Solid Surface Countertops					\$
15	Quartz Agglomerate Countertops					\$
16	Overhead & Profit					\$
Please list and breakdown below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000-\$5,000 (ADD #2)

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment “B”
SCOPE OF WORK
TC-037 – Architectural Woodwork

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample 3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 05 7000 Decorative Metal (Partial) b. 06 1000 Rough Carpentry (Partial) c. 06 4023 Interior Architectural Woodwork d. 06 4116 Plastic-Laminate-Clad Architectural Cabinets e. 06 6400 Plastic Paneling f. 06 6600 Plastic Resin Fabrications g. 07 9200 Joint Sealants h. 12 3661.16 Solid Surfacing Countertops (Partial) i. 12 3661.19 Quartz Agglomerate Countertops
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included “complete” as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

C.	SPECIFIC SCOPE ITEMS
1.	This Trade Contractor shall participate in the construction of on-site mock-ups as specified and indicated by the documents and/or noted elsewhere. This shall include providing of materials required for this trade contract scope of work, coordinating with other trade contractors with regard to sequencing of installations and protection of materials, furnishing shop drawings and /or setting drawings, etc. Materials for in place or interim mock-ups shall be secured in advance of normal procurement to allow for ALL trade contractor installations, owner/designer and user reviews and evaluations, meetings, approvals and directive if applicable. Mockups are understood to start with arrangement of wall rough-in through complete room finishes. At a minimum, a mockup for each type of room will be constructed.
2.	This contractor shall provide DECORATIVE METAL (PARTIAL) as shown on the Contract Documents and in accordance with section 05 7000 which includes, but is not limited to: a. Any trims or plates that interact with any items provided in this scope of work are to be provided by TC-037 Architectural Woodwork
3.	This contractor shall provide ROUGH CARPENTRY (PARTIAL) as shown on the Contract Documents and in accordance with section 06 1000 which includes but not limited to: a. All wood and metal blocking required for attachment of work in your scope. b. This contractor is to provide all Blocking required (whether explicitly shown on the Contract Documents or not) for the installation of items in this scope of work.
4.	This contractor shall provide INTERIOR ARCHITECTURAL WOODWORK (COMPLETE) as shown on the Contract Documents and in accordance with section 06 4023 .
5.	This contractor shall provide PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS (COMPLETE) as shown on the Contract Documents and in accordance with section 06 4116 .
6.	This contractor shall provide PLASTIC PANELING (COMPLETE) as shown on the Contract Documents and in accordance with section 06 6400 .
7.	This contractor shall provide PLASTIC RESIN FABRICATIONS (COMPLETE) as shown on the Contract Documents and in accordance with section 06 6400 .
8.	ALL trade contractors shall provide JOINT SEALANTS (COMPLETE) as shown on the Contract Documents and in accordance with section 07 9200 . a. Note specification section 01 2500 for clarification of owner furnished and installed items, Provide sealants for owner furnished items installed by this trade contractor. b. Include sealants indicated on documents as applicable for this scope of work to contiguous surfaces.
9.	This contractor shall provide SOLID SURFACING COUNTERTOPS (PARTIAL) as shown on the Contract Documents and in accordance with section 12 3661.16 . a. This contractor to provide all countertops on all casework provided under this scope.
10.	This contractor shall provide QUARTZ AGGLOMERATE COUNTERTOPS (COMPLETE) as shown on the Contract Documents and in accordance with section 12 3661.16 .
11.	Refer to ROOM FINISH AND MATERIAL SCHEDULES AND PLANS for material selections and locations. Include and coordinate the Room Finish Schedule with the complete set of project drawings. If discrepancies are found between the Finish Schedule, Finish Plans, and Specifications, this contractor shall notify the construction manager immediately of discrepancies. Contractor shall review contract documents and understand that there are alternate finishes included. Pay special attention to the language defining the alternates.
12.	Coordinate with MEP trades to provide removable panels shown on documents or required in accordance with documents for MEP rough-in or access. Provide all "Architectural Woodwork" cut-ins.
13.	Contractor is to assume that there will be multiple field measurements needed in each area for each piece of material under this contract. Contractor should assume multiple trips will be needed for field verification of each area. a. It is understood that field measuring is preferred to be completed off of drywall, but if it is needed, field measuring can be completed off of framing.
14.	Contractor is to submit field verification status sheet (highlighted drawings and spreadsheets) before monthly pencil copy pay apps. This will consist of current field measurements completed, current status of fabrication, and estimated delivery dates for each item.

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

	a. Any item that cannot be field verified as other items in this contractor's scope are being verified in that area, must be marked on sheet clearly identifying what the material is, the reason it cannot be verified, and the date verification was attempted.
15.	Provide and install grommets every 24 inches or as written in the project specifications on every counter, work station top, etc. This includes appropriate hole and grommet cover, color to be coordinated with Construction Manager, at locations coordinated with Project Superintendent.

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Laboratory casework and countertops

E.	ALLOWANCES
	The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.
	Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.
1.	Document Control Server Allowance - \$3,000 -\$5,000 (ADD #2)

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: <ul style="list-style-type: none"> a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

Attachment "B"
SCOPE OF WORK
TC-037 – Architectural Woodwork

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-038 Medical and Lab Equipment

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY BID OPENING DATE: **January 29th, 2025**
CAPITAL CONSTRUCTION TIME 3:00 P.M. E.D.T.
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

- Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- (01)___ Small Business (06)___ Woman-Owned Large Business
(02)___ Large Business (07)___ Disadvantaged Woman-Owned Small Business
(03)___ Disadvantaged Small Business (08)___ Disadvantaged Woman-Owned Large Business
(04)___ Disadvantaged Large Business (09)___ Other
(05)___ Woman-Owned Small Business

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

THE FOLLOWING ITEMS ARE HEREWITH ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Laboratory Equipment					\$
8	Fume Hoods and Exhaust Devices					\$
9	Laboratory Sterilizers					\$
10	Biological Safety Cabinets and Laminar Flow Benches					\$
11	Examination and Treatment Equipment					\$
12	Pathology Equipment					\$
13	Laboratory Casework and Other Furnishings					\$
14	Controlled Environmental Rooms					\$
15	Overhead & Profit					\$
Please list and breakdown below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000 -\$5,000 (ADD #2)
2	Additional MEP Connection Coordination Allowance					\$50,000

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 06 1000 – Rough Carpentry (Partial) b. 07 9200 – Joint Sealants (Partial) c. 11 5300 – Laboratory Equipment d. 11 5313 – Fume Hoods and Exhaust Devices e. 11 5319 – Laboratory Sterilizers f. 11 5353 – Biological Safety Cabinets and Laminar Flow Benches (Partial) g. 11 7010 – Medical Equipment Support Systems (Partial) h. 11 7200 – Examination and Treatment Equipment i. 11 7800 – Pathology Equipment j. 12 3553 – Laboratory Casework and Other Furnishings General k. 13 2114 – Controlled Environmental Rooms
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

C.	SPECIFIC SCOPE ITEMS
1	This Trade Contractor shall participate in the construction of on-site mock-ups as specified and indicated by the documents and/or noted elsewhere. This shall include providing of materials required for this trade contract scope of work, coordinating with other trade contractors with regard to sequencing of installations and protection of materials, furnishing shop drawings and /or setting drawings, etc. Materials for in place or interim mock-ups shall be secured in advance of normal procurement to allow for ALL trade contractor installations, owner/designer and user reviews and evaluations, meetings, approvals and directive if applicable. Mockups are understood to start with arrangement of wall rough-in through complete room finishes. At a minimum, a mockup for each type of room will be constructed.
2	This contractor shall provide dedicated consultant/point-of-contact to assist with procurement, coordination, fabrication, delivery, installation, startup, and commissioning for all equipment provided in this scope of work.
3	Where required provide all BACnet integration for equipment provided by this scope. Whether shown or not, provide any sensors for equipment. Provide all support to controls contractor for fully functional systems.
4	Immediately following installation, provide adequate protection for all equipment provided by this contractor. a. Include an additional \$10,00 for temporary protection to be used at the discretion of the CM.
5	This contractor shall facilitate multiple coordination meetings with all affected trades, CM, and design consultants, to review shop drawings and design documents prior to in-wall rough-in start.
6	Reference Equipment Lists in the QL drawing set. Provide all CFCI equipment listed. a. Provide weekly on-site reviews and as needed to review MEP rough-in locations for equipment provided by this contractor. This contractor is responsible for reporting any deficiencies to the CM immediately. b. Coordinate equipment installation with MEP contractors.
7	This contractor shall provide Rough Carpentry (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with section 06 1000 which includes but not limited to: a. All blocking required (where explicitly shown on the Contract Documents or not) for this trade contract's divisions of work and installation of items in this scope of work.
8	This contractor shall provide Joint Sealants (COMPLETE) as shown on the Contract Documents and in accordance with specification section 07 9200 . a. For all items provided by this contractor, including but not limited to equipment, casework, and countertops, provide caulking to all adjacent surfaces as directed by the construction manager.
9	This contractor shall provide Laboratory Equipment (COMPLETE) as shown on the Contract Documents and in accordance with specification section 11 5300 .
10	This contractor shall provide Fume Hoods and Exhaust Devices (COMPLETE) as shown on the Contract Documents and in accordance with specification section 11 5313 .
11	This contractor shall provide Laboratory Sterilizers (COMPLETE) as shown on the Contract Documents and in accordance with specification section 11 5319 .
12	This contractor shall provide Biological Safety Cabinets and Laminar Flow Benches (PARTIAL) as shown on the Contract Documents and in accordance with specification section 11 5353 . a. Biological Safety Cabinets will be owner furnished. This contractor to provide complete installation of all BSC's and associated components, mounting of accessories, trims, etc. b. Provide all startup, balancing, and testing as required for a fully functional system. c. Provide all coordination with manufacturer's representatives as needed. d. Coordinate with MEP trades for all connections to equipment.
13	This contractor shall provide Medical Equipment Support Systems (PARTIAL) as shown on the Contract Documents and in accordance with specification section 11 7010 . a. Medical Equipment Support Systems will be provided by others. This contractor shall provide all coordination with installing trades and provide verification and signoff on all mounting locations and elevations. b. Provide all mounting plates, accessories, loose hardware, anchors, etc. required to install any equipment provided by this scope of work.
14	This contractor shall provide Examination and Treatment Equipment (COMPLETE) as shown on the Contract Documents and in accordance with specification section 11 7200 .

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

15	This contractor shall provide Pathology Equipment (COMPLETE) as shown on the Contract Documents and in accordance with specification section 11 7800 .
16	This contractor shall provide Laboratory Casework and Other Furnishings General (COMPLETE) as shown on the Contract Documents and in accordance with specification section 12 3553 .
17	This contractor shall provide Controlled Environmental Rooms (COMPLETE) as shown on the Contract Documents and in accordance with specification section 13 2114 .
18	<p>This Contractor is to include all Building Information Modeling per the contract documents. Refer to attachment H for BIM requirements associated with this scope. All costs for the BIM process for this scope of work shall be included in the base bid. Include the scheduled Document Control Server Allowance for Box server use and hardware/software, as well as the Project BIM Coordinator Allowance for 3rd party BIM manager directed by the Construction Manager. These allowances are not for the use of the MEP trades for their coordination.</p> <ul style="list-style-type: none"> a. This Trade Contractor shall be responsible to reflect the actual location where connections are to be made in the BIM. b. This Trade Contractor shall also include an additional 160 hours of BIM coordination to be used at the Owner/CM's discretion

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond

E.	ALLOWANCES
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>
1.	Document Control Server Allowance - \$3,000 -\$5,000 (ADD #2)
2.	Additional MEP Connection Coordination Allowance - \$50,000

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: <ul style="list-style-type: none"> a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-038 – Medical and Lab Equipment

BIDDER'S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administered by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list "Self-Perform" for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner's representative after the bid deadline.

<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
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Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-039 Soft Flooring

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY BID OPENING DATE: **January 29th, 2025**
CAPITAL CONSTRUCTION TIME **3:00 P.M. E.D.T.**
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____
- ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.
 - Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|--------------------------------------|--|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned Small Business |
| (03)___ Disadvantaged Small Business | (08)___ Disadvantaged Woman-Owned Large Business |
| (04)___ Disadvantaged Large Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

THE FOLLOWING ITEMS ARE HEREWITH ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
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PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Joint Sealants					\$
8	Synthetic Turf Athletic Surfacing					\$
9	Resilient Base and Accessories					\$
10	Resilient Sheet Flooring					\$
11	Resilient Tile Flooring					\$
12	Resilient Athletic Flooring					\$
13	Tile Carpeting (ADD #2)					\$
14	Accessories					\$
15	Floor Preparation					\$
16	Protection of Flooring and Finish Work					\$
17	Overhead & Profit					\$
Please list and breakdown below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000-\$5,000 (ADD #2)

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample 3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below. <ul style="list-style-type: none"> a. 07 9200 Joint Sealants b. 07 9513.13 Interior Expansion Join Cover Assemblies (For Reference) c. 09 6253 Synthetic Turf Athletic Surfacing (Interior) d. 09 6513 Resilient Base and Accessories e. 09 6516 Resilient Sheet Flooring f. 09 6519 Resilient Tile Flooring g. 09 6566 Resilient Athletic Flooring h. 09 6813 Tile Carpeting (ADD #2)
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

C.	SPECIFIC SCOPE ITEMS
1.	This Trade Contractor is to assume their work start time will be after 5:30 pm. Include all shift premiums and overtime required.
2.	This Trade Contractor shall participate in the construction of on-site mock-ups as specified and indicated by the documents and/or noted elsewhere. This shall include providing of materials required for this trade contract scope of work, coordinating with other trade contractors with regard to sequencing of installations and protection of materials, furnishing shop drawings and /or setting drawings, etc. Materials for in place or interim mock-ups shall be secured in advance of normal procurement to allow for ALL trade contractor installations, owner/designer and user reviews and evaluations, meetings, approvals and directive if applicable. Mockups are understood to start with arrangement of wall rough-in through complete room finishes. At a minimum, a mockup for each type of room will be constructed.
3.	This contractor shall provide JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9200. <ul style="list-style-type: none"> a. Provide sealant of matching color at the bottom of door frames, specified by Architect, where flooring is installed. This contractor shall coordinate with painting contractor to match door frame caulk color b. This shall be done after flooring is installed and doors are swung. c. This contractor to caulk all base at door frames.
4.	This contractor shall provide INTERIOR EXPANSION JOINT COVER ASSEMBLIES (FOR REFERENCE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9513.13 . <ul style="list-style-type: none"> a. Expansion Joints in floor to be installed by TC-034 Interior General Trades b. This contractor to coordinate and floor build-up required at these locations.
5.	Refer to ROOM FINISH AND MATERIAL SCHEDULES AND PLANS for material selections and locations. Include and coordinate the Room Finish Schedule with the complete set of project drawings. If discrepancies are found between the Finish Schedule, Finish Plans, and Specifications, this contractor shall notify the construction manager immediately of discrepancies. Contractor shall review contract documents and understand that there are alternate finishes included. Pay special attention to the language defining the alternates.
6.	This contractor shall prepare floors prior to flooring installation. Remove all dust, dirt and debris prior to installation. Provide leveling if needed per the specifications. Any additional floor prep required is part of this contract work. <ul style="list-style-type: none"> a. This contractor will be responsible to install finish flooring to within 3/4" maximum (max. gap below bottom of door allowed) at all door locations. Any floor preparation/floating required to meet this dimension is to be included. b. This includes grinding and prep of previous temporary handrail angles at perimeter and shafts.
7.	This contractor shall coordinate floor prep / leveling with TC-040 Tile & Terrazzo and provide all build up to ensure a level transition between this contractor's scope and TC-040 scope.
8.	This contractor shall include 2% additional of each flooring material for repair and replacement of damaged materials.
9.	This contractor shall provide SYTHETIC TURF ATHLETIC SURFACING (INTERIOR) (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 6253 .
10.	This contractor shall provide RESILIENT BASE AND ACCESSORIES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 6513 .
11.	This contractor shall provide RESILIENT SHEET FLOORING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 6516 . <ul style="list-style-type: none"> a. This Trade Contractor is to include 300 additional hours (above & beyond base work scope) of floor preparation and proper tools to be used at the discretion and approval of the Construction Manager.
12.	This contractor shall provide RESILIENT TILE FLOORING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 6519 . <ul style="list-style-type: none"> a. This contractor to include field trimming of rubber base at owner furnished and installed items.

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

	b. This Trade Contractor is to include 200 additional hours (above & beyond base work scope) of flooring repair and proper tools to be used at the discretion and approval of the Construction Manager.
13.	This contractor shall provide RESILIENT ATHLETIC FLOORING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 6566 .
14.	This contractor shall provide all floor protection required. Craft paper is not acceptable. Product shall be similar to "Ramboard Commercial" floor protection – min. 40 mil. At a minimum provide, maintain and remove (including any glue residue) when directed protection over all flooring. Protection shall be cut and taped to fit areas. a. This contractor to provide wall to wall Masonite floor protection on each floor at lobbies of elevators G & H. Joints must be taped on all edges.
15.	All flooring materials shall be coordinated with concrete flooring compounds.
16.	This contractor shall take special care and attention to the floor preparation and during the installation of the adhesive for the flooring. No re-troweling of the flooring adhesive will be allowed. This contractor will be required to replace any flooring that becomes of sub-standard quality due to floor preparation. This contractor shall participate in a pre-flooring installation meeting with the CM, Owner, and Design team. The flooring manufacturing rep(s) will be required at this meeting to discuss flooring installation procedures, sequence, construction protection, and any other pertinent details to the flooring installation. The preference for this floor tile installation is to utilize manufacture approved spray adhesive products.
17.	This contractor shall provide TILE CARPETING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 6813. (ADD #2)

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Tile and Terrazzo Flooring

E.	ALLOWANCES
	The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project. Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.
1.	Document Control Server Allowance - \$3,000 -\$5,000 (ADD #2)

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contractor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-039 – Soft Flooring

BIDDER’S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list "Self-Perform" for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner’s representative after the bid deadline.

<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
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Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-040 – Tile and Terrazzo

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION BID OPENING DATE: **January 29th, 2025**
PROCUREMENT TIME **3:00 P.M. E.D.T.**
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____
ADDENDUM NO. _____ DATED _____
ADDENDUM NO. _____ DATED _____
ADDENDUM NO. _____ DATED _____
ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.
 - Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|---|---|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Joint Sealants					\$
8	Wall Tile					\$
9	Floor Tile					\$
10	Terrazzo Flooring					\$
11	Terrazzo Base					\$
12	Terrazzo Stairs					\$
13	Floor Preparation					\$
14	Concrete Flooring Repair					\$
15	Protection of Finish Work					\$
16	Overhead & Profit					
Please list and breakdown below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000-\$5,000 (ADD #2)

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample 3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below. <ul style="list-style-type: none"> a. 07 9200 Joint Sealants b. 07 9513.13 Interior Expansion Join Cover Assemblies (For Reference) c. 09 3013 Ceramic Tiling d. 09 7500 Resinous Matrix Terrazzo Flooring e. 09 6723 Resinous Flooring
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

C.	SPECIFIC SCOPE ITEMS
1.	This Trade Contractor is to assume their work start time will be after 5:30 pm. Include all shift premiums and overtime required.
2.	This Trade Contractor shall participate in the construction of on-site mock-ups as specified and indicated by the documents and/or noted elsewhere. This shall include providing of materials required for this trade contract scope of work, coordinating with other trade contractors with regard to sequencing of installations

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

	and protection of materials, furnishing shop drawings and /or setting drawings, etc. Materials for in place or interim mock-ups shall be secured in advance of normal procurement to allow for ALL trade contractor installations, owner/designer and user reviews and evaluations, meetings, approvals and directive if applicable. Mockups are understood to start with arrangement of wall rough-in through complete room finishes. At a minimum, a mockup for each type of room will be constructed.
3.	This contractor shall provide JOINT SEALANTS as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9200. <ul style="list-style-type: none"> a. This contractor shall caulk inside corners where ceramic tiles meet. Grouting of inside corners is not acceptable.
4.	This contractor shall provide INTERIOR EXPANSION JOINT COVER ASSEMBLIES (FOR REFERENCE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9513.13 . <ul style="list-style-type: none"> a. Expansion Joints in floor to be installed by TC-034 Interior General Trades b. This contractor to coordinate and floor build-up required at these locations.
5.	Refer to ROOM FINISH AND MATERIAL SCHEDULES AND PLANS for material selections and locations. Include and coordinate the Room Finish Schedule with the complete set of project drawings. If discrepancies are found between the Finish Schedule, Finish Plans, and Specifications, this contractor shall notify the construction manager immediately of discrepancies. Contractor shall review contract documents and understand that there are alternate finishes included. Pay special attention to the language defining the alternates.
6.	Remove all dust, dirt and debris prior to installation. Provide leveling if needed. Any additional floor prep required is part of this contract work. All concrete slabs currently exist and will be available for inspection by the flooring contractors prior to bidding. Pre-bid tours will be scheduled and announced. <ul style="list-style-type: none"> a. This contractor will be responsible to install finish flooring to within 3/4" maximum (max. gap below bottom of door allowed) at all door locations. Any floor preparation/floating required to meet this dimension is to be included.
7.	This contractor shall coordinate floor prep / leveling with TC-039 Flooring to ensure a level transition between this contractor's scope and TC-039 Flooring. This includes all coordination of installation with transition strips for all flooring associated with this scope of work.
8.	This contractor shall provide CERAMIC TILING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 3013. <ul style="list-style-type: none"> a. Backer Boards are provided by the Gypsum Wall Board and Ceiling Contractor (TC-029). b. This contractor to include waterproofing membranes for tiling as specified in section 09 3013. All shower pans must be tested, and hold water for 24 consecutive hours. A representative from Turner must be present to confirm there are no leaks present on lower levels before installation of tile may begin. c. This Trade Contractor to provide own means of disposal of grout off-site. No dumping of grout, or grout water mixture will be allowed on-site. This would include washing of any grout buckets, etc. d. Include additional mobilization in early phase of project to layout finished drain elevations for TC-030 contractor. e. TC-030 contractor to furnish and install shower floor drain body. Stainless steel drain grate furnished and installed by TC-040 contractor. f. This contractor to provide all Schluter Strips required to complete this scope of work. g. All tile must be wet cut. Dry cutting of any tile is prohibited. h. This contractor shall include \$3,000 and 100 hours of grout touchup to be used at the discretion of Turner Superintendent. i. This contractor shall include \$5000 and 250 hours for MEP coordination to be used at the discretion of Turner Superintendent.
9.	This contractor shall provide RESINOUS MATRIX TERRAZZO FLOORING (COMPLETE) as shown on the Contract Documents and in accordance with specification section 09 7500 . <ul style="list-style-type: none"> a. This contractor shall protect its work area from other contractors with a hard barricade. Caution or danger tape are not acceptable means of barricading spaces. b. This contractor to wet grind all floors as required for this scope of work. Dry grinding or grinding that causes dust to become airborne is prohibited.

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

	<ul style="list-style-type: none"> c. This contractor to include all Terrazzo base as shown in the contract documents. d. This contractor to include Terrazzo stair treads and risers at stairs as shown on the contract documents.
10.	This contractor shall provide RESINOUS FLOORING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 6723 .
11.	This contractor shall provide and maintain all floor protection required for hard flooring. Craft paper is not acceptable. Installation to include taped seams and edges to be maintained and removed (along with tape residue) at the discretion of the Construction Manager. <ul style="list-style-type: none"> a. Provide brand new Masonite flooring protection on top of RAM board to protect flooring in this scope, wall-to-wall
12.	All flooring materials shall be coordinated with concrete flooring compounds.

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Soft Flooring

E.	ALLOWANCES
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>
1.	Document Control Server Allowance - \$3,000 -\$5,000 (ADD #2)

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	<p>Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items:</p> <ul style="list-style-type: none"> a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. <p>The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.</p>

Attachment "B"
SCOPE OF WORK
TC-040 – Tile and Terrazzo

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-041 Paint

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-16-25**
UNIVERSITY OF KENTUCKY BID OPENING DATE: **January 29th, 2025**
CAPITAL CONSTRUCTION TIME **3:00 P.M. E.D.T.**
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

- Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable

Attachment "B"
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TC-041 – Paint

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

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PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Joint Sealants					\$
8	Wall Coverings					\$
9	Interior Painting					\$
10	Exterior Painting					\$
11	High Performance Coatings					\$
12	Concrete Floor Sealer					\$
13	Overhead & Profit					\$
Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000-\$5,000 (ADD #2)

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner Form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

**Attachment “B”
SCOPE OF WORK
TC-041 – Paint**

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below. <ul style="list-style-type: none"> a. 05 1213 Architecturally Exposed Structural Steel (Partial) b. 07 9200 Joint Sealants (Partial) c. 09 7200 Wall Coverings d. 09 9113 Exterior Painting e. 09 9123 Interior Painting f. 09 9600 High Performance Coatings
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included “complete” as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

C.	SPECIFIC SCOPE ITEMS
1.	This Trade Contractor shall participate in the construction of on-site mock-ups as specified and indicated by the documents and/or noted elsewhere. This shall include providing of materials required for this trade contract scope of work, coordinating with other trade contractors with regard to sequencing of installations and protection of materials, furnishing shop drawings and /or setting drawings, etc. Materials for in place or interim mock-ups shall be secured in advance of normal procurement to allow for ALL trade contractor installations, owner/designer and user reviews and evaluations, meetings, approvals and directive if applicable. Mockups are understood to start with arrangement of wall rough-in through complete room finishes. At a minimum, a mockup for each type of room will be constructed.
2.	<p>Temporary Provisions</p> <ul style="list-style-type: none"> a. Provide task lighting beyond the temporary or permanent lighting provided by others as needed to ensure proper finishes. b. Provide "WET PAINT" signs, in English and Spanish, as required for newly painted areas to protect finishes and other trades.
3.	Assume the final coat of paint will be installed after the adjacent finishes and elements are in place, including but not limited to: flooring, floor base, ceiling grid, ceiling tiles, finished doors and hardware, casework and millwork, plumbing fixtures, Owner Furnished Equipment, light fixtures, light switch and receptacle covers, toilet accessories, marker boards, etc. This may include masking of finished installed items. Architectural punchlist will be done prior to final coat. It is the intent that there will be a separate punchlist solely focused on painting after architectural punchlist is complete. Coordinate timing of final coat with construction manager.
4.	Refer to ROOM FINISH AND MATERIAL SCHEDULES AND PLANS for material selections and locations. Include and coordinate the Room Finish Schedule with the complete set of project drawings. If discrepancies are found between the Finish Schedule, Finish Plans, and Specifications, this contractor shall notify the construction manager immediately and assume the most expensive option until clarification can be given.
5.	This contractor to provide ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (Partial) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 05 1213 .
6.	<p>This contractor shall provide JOINT SEALANTS (partial) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9200 which includes but not limited to:</p> <ul style="list-style-type: none"> a. ALL Hollow Metal frames (including but not limited to Door frames, HM windows, View windows (AKA Borrowed Lights), Access doors and any other item (excluding casework) requiring caulk/sealant. Include caulking/ sealing of the bottoms of hollow metal door frames to finished flooring. Caulking of door frames shall be coordinated with the installation of doors. b. Include caulking of all elevator door frames to interior finish elements. c. Caulking/ sealing of aluminum openings is by the TC-042 Interior Glazing and Storefronts contractor. d. See specification section 01 2500 for clarification of owner furnished and installed items. e. This contractor is to include \$5,000 and 100 additional hours (above & beyond base work scope) of joint sealants with the necessary finishing materials and tools to be used at the discretion and approval of the Construction Manager.
7.	This contractor to provide WALL COVERINGS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 7200 .
8.	<p>This contractor shall provide INTERIOR PAINTING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 9123 which includes but not limited to:</p> <ul style="list-style-type: none"> a. Include painting of masonry, concrete, steel, galvanized metals, gypsum, aluminum, etc. as specified. b. Include preparation of surfaces to receive finish. Painting a wall indicates acceptance of the wall finish. c. Include painting of above ceiling structure, and acoustical spray insulation where specified on the contract drawings. TC-041 to confirm paint compatibility to maintain sound rating

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

	<p>and meet product performances as specified. TC-041 to get color approval from design team prior to paint.</p> <ul style="list-style-type: none"> i. Pay particular attention to overspray of MEP specialty items, especially CAT6A data cable. Replacement at the expense of this contractor may be required if deemed "unacceptable" by UK and CNS standards. ii. Include taping off of all mechanical controls, sprinkler heads, labels, etc. d. Include painting of all gypsum board ceilings and bulkheads. e. Include painting of all dressed lumber substrates and exposed fire retardant treated plywood. f. TC-034 General Trades contractor will preinstall the hardware on doors. This contractor TC-041 Painting is to include "cutting-in painting" for unfinished doors i.e. hollow metal doors, etc. g. Ceilings may or may not be fully installed prior to prime or 1st paint coat installations on wall partitions. h. This contractor shall include necessary paint touch up, normal and customary to the scope of work of this size, difficulty, and scale. i. This contractor is to include \$10,000 and 400 additional hours (above & beyond base work scope) of paint touch-up with the necessary finishing materials and tools to be used at the discretion and approval of the Construction Manager. j. This contractor is to include \$10,000 and 400 additional hours (above & beyond base work scope) of door frame touch-up with the necessary finishing materials and tools to be used at the discretion and approval of the Construction Manager. k. This contractor is responsible for protecting painted hollow metal frames and doors using Ram Board or similar product. Contractor to maintain protection until directed to remove by the Construction Manager.
9.	<p>This contractor shall provide EXTERIOR PAINTING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 9113.</p> <ul style="list-style-type: none"> a. Include painting of masonry, concrete, steel, galvanized metals, gypsum, aluminum, etc. as specified.
10.	<p>This contractor to provide HIGH PERFORMANCE COATINGS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 09 9600.</p> <ul style="list-style-type: none"> a. This contractor is to include \$5,000 and 100 additional hours (above & beyond base work scope) of high performance coatings touch-up with the necessary finishing materials and tools to be used at the discretion and approval of the Construction Manager.
11.	<p>This contractor to provide CONCRETE FLOOR SEALER (COMPLETE) as shown on the contract drawings in accordance with the contract documents.</p> <ul style="list-style-type: none"> a. This contractor shall include separate, early mobilizations to install concrete floor sealer in mechanical and electrical rooms prior to equipment install. (ADD #2)

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Painting of exposed mechanicals

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

E.	ALLOWANCES
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>
1.	Document Control Server Allowance - \$3,000 -\$5,000 (ADD #2)

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	<p>The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.</p>
3.	<p>Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items:</p> <ol style="list-style-type: none"> Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. Shift work plan. Number of Foremen Anticipated lead times and permit approval. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

Attachment "B"
SCOPE OF WORK
TC-041 – Paint

BIDDER’S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list “Self-Perform” for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner’s representative after the bid deadline.

<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
---------------------------------	--

_____	_____
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Attachment "B"
 SCOPE OF WORK
 TC-041 – Paint

LIST OF MATERIALS AND EQUIPMENT

Each item listed under the different phases of construction must be clearly identified so that the Owner will definitely know what the Bidder proposes to furnish.

The use of a manufacturer's or dealer's name only, or stating "as per Plans and Specifications," will not be considered as sufficient identification.

Where more than one "Make" or "Brand" is listed for any one item, the Owner has the right to select the one to be used.

*The apparent low bidders will be required to complete and submit the following information **by twelve o'clock (12) noon of the first working day following the bid opening.** The information requested in this submittal is required to assist the University in determining contractor responsibility to complete the project being bid.*

MATERIALS AND EQUIPMENT

BRAND OR MANUFACTURER

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-042 - Interior Glazing and Storefronts

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

INVITATION TO BID: **CCK-2564.0-16-25**
BID OPENING DATE: **January 29th, 2025**
TIME 3:00 P.M. E.D.T.

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

Alternates: The pricing for these alternates shall be good for 120 calendar days from the date this Bid is opened. In submitting the below, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid below, a contract shall thereby be created with respect to the items accepted.

NOTE The drawings may be shown as if the alternate is accepted to assist in coordination of the design. Contractors need to pay special attention to the instructions written on the documents to ensure they are providing the correct pricing. Review specification 012300 for more information.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 2: Completion of Selected Workplace Areas

- Provide fully finished interior workplace spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior workplace spaces as detailed on Drawings G-110 through G-115.

ADD / DEDUCT \$ _____

Alternate 3: Wood Paneling

- Wood paneling (WV-01, WV-02) at teaching walls for 200 seat, 150 seat classrooms as designed.
 - Base Bid: Accent paint only at teaching walls for 200 seat, 150 seat classrooms.
- Dimensional acoustic panels (WAP-01) at 200 seat, 150 seat classrooms as designed.
 - Base Bid: Fabric-wrapped board (WAP-05) at 200 seat, 150 seat classrooms.
- Suspended Metal Blade Ceiling (MBC-01) at PT/AT Clinic as designed.
 - Base Bid: PET felt baffle ceilings (SAC-02) at PT/AT Clinic.

ADD / DEDUCT \$ _____

Alternate 4: Public Corridor Enhancements

- Add wood wall paneling (WV-01) in classroom corridors, board room prefunctions spaces, board room interior, and Student Houses corridor as designed.

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

- Base Bid: Accent paint only at classroom entrance portals, board room prefunction spaces, board room interior, and Student Houses corridor.
- Add wood panel ceilings (WPC-02) to classroom entrance portals and board room prefunction spaces as designed.
 - Base Bid: Accent paint only at classroom entrance portal ceilings and board room prefunction ceilings.

ADD / DEDUCT \$ _____

Alternate 5: Core Interior Enhancements

- Add Terrazzo flooring to the public corridors on levels 3-9 (TZ-01) as designed.
 - Base Bid: Floors B, 1, and 2 will receive terrazzo flooring (TZ-01,02,03) as designed. Floors 3-9 will receive 4.5mm luxury vinyl tile (LVT-04)
- Add wood slat walls (WD-01) to the central elevator lobbies on floors 3-9 (Rooms 300, 400, 500, 600, 700, 800, 900).
 - Base Bid: Floors B, 1, and 2 will receive wood slat walls at the central elevator lobbies (Rooms 000,100,200). All other floors receive accent paint only.
- Add wall tile accents (WT-05) at walls surrounding central elevator core as designed. Add wall tile accents (WT-03, WT-04) behind all water coolers as designed.
 - Base Bid: Only walls around central elevator core on levels B, 1, and 2 receive wall tile accents. Only water coolers adjacent to restroom cores on levels B, 1, and 2 will receive wall tile accents. All others to receive only accent paint.

ADD / DEDUCT \$ _____

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-16-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- (01)___ Small Business (06)___ Woman-Owned Large Business
(02)___ Large Business (07)___ Disadvantaged Woman-Owned
Small Business
(03)___ Disadvantaged Small
Business (08)___ Disadvantaged Woman-Owned
Large Business
(04)___ Disadvantaged Large
Business (09)___ Other
(05)___ Woman-Owned Small Business

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. VENDOR NUMBER: It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
<i>Other Fringe/Burden (List Below)</i>									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Blocking					\$
8	Storefronts					\$
9	Decorative Glazing					\$
10	Overhead & Profit					\$
Please list and breakdown below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000 -\$5,000 (ADD #2)
2	Door Hardware and Security Allowance					\$50,000

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. a. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment “B”
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment M – Waste Management Standard j. Attachment N – Turner Subcontractor Onboarding k. Attachment O – UK HEB Enhancing Worker Experience Plan l. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – Temporary Power Plan
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 06 1000 Rough Carpentry (Partial) b. 07 8413 Penetration Firestopping c. 07 9200 Joint Sealants d. 07 9919 Acoustical Joint Sealants e. 08 1416 Flush Wood Doors (Partial) f. 08 4113 Aluminum-Framed Entrances and Storefronts g. 08 7100 Door Hardware (Partial) h. 08 8000 Glazing (Partial) i. 08 8113 Decorative Glass Glazing j. 08 8115 Decorative Glass Wall Cladding k. 08 8813 Fire-Rated Glazing (Partial)
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included “complete” as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

C.	SPECIFIC SCOPE ITEMS
1.	This Trade Contractor shall participate in the construction of on-site mock-ups as specified and indicated by the documents and/or noted elsewhere. This shall include providing of materials required for this trade contract scope of work, coordinating with other trade contractors with regard to sequencing of installations and protection of materials, furnishing shop drawings and /or setting drawings, etc. Materials for in place or interim mock-ups shall be secured in advance of normal procurement to allow for ALL trade contractor installations, owner/designer and user reviews and evaluations, meetings, approvals and directive if applicable. Mockups are understood to start with arrangement of wall rough-in through complete room finishes. At a minimum, a mockup for each type of room will be constructed.
2.	This contractor shall provide ROUGH CARPENTRY (PARTIAL) as required for this scope of work and as shown on the Contract Documents and in accordance with section 06 1000 which includes but not limited to: <ul style="list-style-type: none"> a. All blocking required (where explicitly shown on the Contract Documents or not) for this trade contract's divisions of work and installation of items in this scope of work.
3.	This contractor shall provide PENETRATION FIRESTOPPING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 8413 .
4.	This contractor shall provide JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9200 .
5.	This contractor shall provide ACCOUSTICAL JOINT SEALANTS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 07 9919 .
6.	This contractor coordinate the install of FLUSH WOOD DOORS as shown on the Contract Documents and in accordance with section 08 1416 . Doors to be furnished by TC-036 Doors and Hardware and installed by TC-034 General Trades . <ul style="list-style-type: none"> a. This contractor to verify storefront frames are plumb and level. TC-042 is to sign off on frame installation prior to handoff to TC-034 General Trades for door installation. If TC-034 does not accept the frame for installation, TC-042 is to rework the frame for approved installation at no additional cost.
7.	This contractor to provide ALUMINUM FRAMED ENTRANCES AND STOREFRONTS ASSEMBLIES (COMPLETE) is as shown in the contract drawings in in section 08 4113 . <ul style="list-style-type: none"> a. Doors and door hardware for all aluminum storefront assemblies to be provided by TC-036 Doors and Hardware. b. Coordinate all power, data, and security requirements with TC-032 Electrical and TC-033 Technology contractors. <ul style="list-style-type: none"> i. Conduit needed for door hardware functionality to be installed in storefront assembly prior to storefront installation. c. Coordinate all openings with TC-029 Drywall and Ceilings contractor. TC-042 shall review and sign off on openings prior to installation. Installation of material is acceptance of the substrate it is installed on.
8.	This contractor shall receive, shake-out, store as required, inventory and install all DOOR HARDWARE as shown on the Contract Documents and in accordance with section 08 7100 . Hardware to be furnished by TC-036 Doors and Hardware . <ul style="list-style-type: none"> a. Reference TC-036 Doors and Hardware scope of work for specifics on "*PRE-INSTALLED HARDWARE: Doors shall be shipped FOB jobsite with pre-installed hardware*." b. TC-034 will install all loose hardware on doors and frames. This contractor shall coordinate the installation methods to ensure correct attachment into storefronts.
9.	This contractor to provide GLAZING (Partial) as required for this scope of work and as shown on the Contract Documents in in section 08 8000 which includes but not limited to: <ul style="list-style-type: none"> a. This includes all glazing in storefront assemblies. Include all trim, gasket, closure strips, etc. for installation of glazing in storefronts. b. Glazing in all wood and hollow metal doors to be by TC-036 Doors and Hardware. c. Provide film at all glazing as shown in contract documents. d. Assume separate mobilization for the installation of glazing in storefront assemblies
10.	This contractor to provide DECORATIVE GLASS GLAZING (COMPLETE) is as shown in the contract drawings in in section 08 8113 .

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

11.	This contractor to provide DECORATIVE GLASS WALL CLADDING (COMPLETE) is as shown in the contract drawings in in section 08 8115 .
12.	This contractor to provide FIRE RATED GLAZING (Partial) as required for this scope of work and as shown on the Contract Documents in in section 08 8813 which includes but not limited to: a. This contractor shall provide fire rated glazing in any of the systems that it provides.
13.	This contractor is to furnish, install, maintain for duration, and remove all (including glue residue) TEMPORARY PROTECTION as described below a. Provide temporary protection on storefronts after installation from floor up to 4'. Product shall be similar to "Ramboard Commercial" protection – min. 40 mil.

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Glazing in Doors
3.	Wood Doors and Hardware
4.	Glass Railings

E.	ALLOWANCES
	The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project. Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.
1.	Document Control Server Allowance - \$5,000 (ADD #2)
2.	Door Hardware and Security Allowance - \$50,000

Attachment "B"
SCOPE OF WORK
TC-042 – Interior Glazing and Storefronts

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: <ul style="list-style-type: none"> a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Completion of Selected Academic Spaces
ALT.2	Completion of Selected Workplace Spaces
ALT.3	Premium Classrooms Enhancements
ALT.4	Public Corridor Enhancements
ALT.5	Core Interiors Enhancements

GENERAL WORK REQUIREMENTS

A.	GENERAL
1.	In these contract documents the term "provide" shall be defined as meaning "furnish and install."
2.	All Trade Contractors shall provide full time supervision while its forces are working on this Project. The Trade Contractors' jobsite supervision shall be experienced in his trade and be capable and have authority to make decisions regarding costs, manpower, and schedule. The Trade Contractors shall obtain the approval of the Construction Manager of his job management personnel prior to their assignment to the Project. Trade Contractors' supervision and management personnel shall not be changed without prior approval of the Owner or Construction Manager.
3.	All contractors shall review the documents to understand what work is included in this Health Education Building Project. Ask specific questions with any clarifications needed.
4.	Work hour details for this Project's existing areas: <ul style="list-style-type: none"> a. Assume ALL work contained in this work scope that occurs in occupied areas/buildings shall be performed AFTER normal working hours (off shift work hours). b. Health Education Building construction area – 6:30am to 5:30 pm Monday to Friday. c. Special work hours and off shift hours will be determined for activities such as hoe ramming, drilling, sawcutting, shot pin installs, outages, etc. Assume hours for this work will be 8 am to 8 pm.
5.	Trade Contractors shall not order or consign materials for the project in the name of the Owner, Architect, or Turner. Turner Reserves the right to reject all such shipments received in this manner. Deliveries must be coordinated with the Construction Manager a minimum of (1) week prior to receipt on site. Any material deliveries without notice will be given access on an "as available" basis. Also reference Turner's standard subcontractor contract 36 article VI.
6.	Trade Contractors are responsible to protect and repair if damaged all adjacent properties and structures, including lawn, planting areas, hardscapes and trees as required to execute the work. Plan for protection of adjacent structures must be part of the overall plan submitted for approval prior to start of work. Trade Contractors will be responsible for immediately replacing/repairing any damage to existing utilities, existing structures, lawn and planting beds, and hardscapes in or outside of the building limits caused by the trade contractor's workforce.
7.	It is the responsibility of each Trade Contractor to make certain that all of its Work performed under the Construction Contract is in accordance with all applicable laws, statutes, ordinances, codes, and regulations. Trade Contractors shall give all notices and comply with all laws, ordinances, rules, regulations, and orders of any public authority with jurisdiction over the performance of the Work. Contractor shall promptly pay all fees, taxes, deposits, charges, penalties, or interest that may be claimed against or paid by Owner/Construction Manager due to any failure to comply with any such laws, statutes, ordinances, codes, or regulations (including those pertaining to permits, licenses, or notices). This shall include any and all professional engineering fees required. Refer to "Instruction to Bidders" of the Bid Manual for tax details. This project is taxable, all applicable taxes should be included in your bid.
8.	All Trade Contractors must employ the proper trades and provide composite crews if necessary to perform this Scope of Work and to avoid jurisdictional disputes.
9.	Each trade contractor is to provide their own drinking water .
10.	Contractors must be licensed as required by local, State, or Federal jurisdiction required for work of their respective trade in this project location. Contractors are to obtain any and all required licenses including a Contractor's license fee for doing business in the locale. Provide copies of the license to the Construction Manager.
11.	Upon request, Trade Contractors must provide the Construction Manager with field copies of latest referenced standards .
12.	The Contract Price shall be based on a normal forty (40) hour workweek unless otherwise specified i.e. first shift but may be staggered, Monday - Friday. All work to be performed for tie-ins to existing utilities/services shall be figured at a rate outside the normal (40) hour workweek. All tie-in work shall be scheduled with written approval and coordinated with Turner's Superintendent. Unless Turner's Project Superintendent issues written instruction/agreement otherwise, if a contractor works beyond the eight (8) hours per day, five (5) days per week normal work period, he shall bear all added costs. Trade Contractors shall notify Turner's Project Superintendent by 12:00 PM (noon) 2-days before the requested overtime to allow time to make proper arrangements. <u>Overhead and profit markup shall not be permitted on premium time costs or on shift work premiums (see General Conditions).</u>
13.	All Trade Contractors' superintendents and foremen are required to have cell phones compatible for reception in and around the project areas for daily contact. All Trade Contractors and their sub-contractors are required to have at least one (1) iPad each that will be used for review of electronic drawings and other project information as well as at least one (1) iPad each that will be used for electronic punchlists and project execution via Procore. These iPads are to be used on the construction site and shall be onsite at all times each company's workers are present for those worker's use. iPads shall have their own internet connectivity. Trade Contractors should not assume internet connectivity will be available on-site via Wi-Fi.
14.	The Trade Contractors must attend all required meetings as follows:

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

	<ul style="list-style-type: none"> a. The Weekly Work Plan meeting for overall job coordination. Attendance is mandatory for <u>all</u> Trade Contractor <u>superintendents and foreman</u>. All attendees must have the authority to make decisions and commitments. b. The Weekly Six Week Look Ahead Planning meeting for overall job coordination. Attendance is mandatory for all Trade Contractor <u>Project Managers</u>. All attendees must have the authority to make decisions and commitments. c. The Monthly Project Safety Meeting. Additional supplemental meetings will be held due to incidents, field safety violations, etc. by this or other trade contractors / tiered subcontractors. d. The Monthly Trade Review Meeting. The project manager, superintendent, and foreman for each crew/trade are required to be in attendance. These meetings are to discuss current schedule, issues, manpower, and address any other questions or concerns. These meetings will start in the same month as your start of work and will continue until determined otherwise by the construction manager. e. The Monthly Safety Committee Meeting. Each Trade Contractor will have the responsibility to provide an <u>individual</u> to attend the Monthly Safety Committee Meeting. This individual should be considered a competent employee that is able to represent the Trade Contractors' scope of work by having at least 5 years in the trade. The purpose of this meeting is to provide an opportunity to disseminate project safety related information and to receive the helpful feedback from the tradesmen in the field. f. The Daily Stand-Up meetings. Attendance is mandatory for all Trade Contractor <u>superintendents and/or foreman</u>. g. The Reverse Phase Schedule meetings (Pull Plan). Attendance is mandatory for all applicable Trade Contractors. Those trade contractor's <u>project managers and superintendents</u> are required to attend. These will be held at the Construction Manager's discretion. h. The Morning Stretch and Flex. <u>All persons</u> on the project must be in attendance to work that day. Anyone coming in after the stretch and flex has the potential to be removed from site. i. The Pre Task Plan (PTP) meeting. Each trade contractor is responsible for holding these meetings each day after the stretch and flex. The trade contractor's <u>superintendent and/or foreman</u> will be responsible for running this meeting. Each trade contractor is responsible to ensure their sub tier contractors participate in a PTP meeting for the day. j. The Utility Outage Planning meeting. <u>All superintendents and foreman</u> needing outages are required to attend this meeting. k. Separate mechanical and electrical coordination meetings will be held on the jobsite as often as required to facilitate progress of the work. l. Quality Assurance / Quality Control meeting (QA/QC): The construction manager intends to hold a once a month QA/QC meeting. This meeting may be selective with trade contractor <u>project managers, superintendents, and foreman</u> invites for focus on topic. The intent is to limit the meeting to one hour. The option of several meetings is possible with small groups on differing divisions of work. Trade contractors will be required to provide a specific quality control plan for said division of work. We can focus of QA/QC in the specifications, manufacturer's data, mock-up, sign-off sheets, applicable testing and jurisdiction authorities, inspections, deficiency list, special care and protection, peer reviews, sequencing of work and turnover, etc. m. The Job Hazard Analysis (JHA) meeting. This meeting will be before the start of the trade contractor's work. No work will start before this meeting. This meeting will require the trade contractor's <u>safety person, the project manager, the superintendent, and any foreman</u> that will be on that project. All JHAs will be complete prior to this meeting and sent in to Turner for review. n. The Pre-Start Work meeting. The purpose of this meeting is to review the drawings and specs with the trade contractor's <u>project manager, superintendent, and foreman</u> to ensure that the project will be completed according to specifications. Sub tier contractors (including material suppliers) may be required to attend. It will be the responsibility of the trade contractor to ensure the attendance of all required persons from any sub tier contractor needed. o. Any Meeting as required by the Owner, Architect, or Construction Manager
15.	Each contractor will be responsible for the security of his own stored material, job office, conex box, gang box, equipment, tools, etc.
16.	Project signs or advertisements of any nature, including job offices shall not be installed on the jobsite or structure without preapproval of Construction Manager and the Owner. In general, identification lettering of company offices shall be six inches or less; location(s) still must be preapproved by the construction manager and the owner.

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17.	All Trade Contractors shall include work made necessary by field conditions that may not be shown in the Contract Documents, but that are apparent during an inspection of the construction site. Trade Contractors must familiarize themselves with the jobsite prior to starting work.
18.	All equipment is to be equipped with high efficiency, durable construction exhaust purifiers (“ Scrubbers ”). Each Trade Contractor is responsible for providing and maintaining (including filter changes) scrubbers for each piece of equipment.
19.	All trade contractors are to be responsible to ensure at the end of each day’s work shift the building perimeter is secure and locked down and all of their respective employees are offsite.
20.	All construction crews on site are a minimum of two people. No single person crews allowed. This may consist of one ground person and one person in the air.
21.	A special effort is to be made to provide the necessary protection to keep oil (from lifts, equipment, etc.) off of all floor areas. The offending Trade Contractor will be responsible for any clean-up required due to inadequate protection.
22.	The University of Kentucky campus and medical campus are tobacco free. “Use of all tobacco products is prohibited in all owned, operated, leased or [health care] controlled university buildings, grounds, parking structures, enclosed bridges and walkways, sidewalks, parking lots and vehicles, as well as personal vehicles in these areas.” “Tobacco includes cigarettes, pipes, snuff, chewing tobacco, e-cigarettes, etc.” There are tobacco treatment centers such as the Local health departments (Fayette county Health Department 859-288-2327), 1-800-quit-now. For listings “go to the UKhealthcare.uky.edu to find a link to a statewide listing of tobacco programs.
23.	Contractor shall track their fuel and utility consumption for the duration of their contract. This information shall be turned over to the CM on a monthly basis. Any utilities used through the University will be paid via the special conditions.
24.	All contractors shall refer to Attachment N for the Subcontractor Onboarding Instructions . Contractors are encouraged to complete this process prior to bid opening, as it will expedite contracting with Turner.
25.	Any penetration through existing concrete/CMU walls or decks requires scanning prior to any core drilling activities. (ADD #2)
B.	SAFETY
1.	All Trade Contractors must fully comply with the Construction Manager’s corporate safety policy , comply with the Site Specific Safety Plan (included in this manual as attachment ‘C’), and all federal, state, and local safety ordinances. The Trade Contractor must also submit a formal written project specific safety plan that is complimentary to the Construction Manager’s Safety Plan. <ul style="list-style-type: none"> a. In addition, all Trade Contractors shall provide a competent safety person to monitor all aspects of the Trade Contractors’ work in accordance with the Safety Plan. b. All workers must go through Safety Orientation prior to commencing work. Safety Orientations will be held Mondays and Wednesdays at 7:30 am (pending staggered shift(s)) in the Turner jobsite office. Special orientation times will be approved at the discretion of the construction manager. c. All Trade Contractor “Principals” are required to attend a monthly safety jobsite walkthrough at the Construction Manager’s discretion. d. In order to work on this project, a negative drug test is required prior to starting work. For “Drug project testing requirements”, refer to Turner safety program. e. All lifts used on the project site must have powered steering front wheels.
2.	All deliveries requiring a crane (excluding the tower cranes) will require an approved lifting plan per Turner’s safety plan and must be approved by Turner and UK. A UK lifting plan must also be submitted to the construction manager to gain approval from UK. Allow six (6) weeks minimum prior to the crane arriving onsite to gain these approvals.
3.	It is the responsibility of the Trade Contractors to contact the local utility locating service and have all utilities located prior to mobilizing heavy equipment used for lifting or hoisting. The Trade Contractors should also contact the Owner (UK), through the Construction Manager, and have all UK owned utilities located as well.
4.	All plastic used on site must be fire retardant.
5.	Smaller floor openings: the respective trade providing opening will cover with reinforced secured plywood. Mark “hole” and maintain as required. Small opening metal deck cutouts will be by respective trade requiring opening; respective trade contractors will comply with OSHA requirements during and after alterations. Floor covers shall be constructed in such a manner to avoid any random kicking off, and elevated high enough to control lifts, etc. from running over them. These covers should be anchored to the concrete floor and painted orange. Note ALL sleeves” are elevated 1-1/2” above rough slab.
C.	BONDS AND INSURANCE
1.	PAYMENT AND PERFORMANCE BONDS The base bid should NOT include Payment and Performance Bonds . Provide, for reference, the additional cost to provide them on the trade contractors Bid Breakout sheet.

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2.	<p>CONTRACTOR CONTROLLED INSURANCE PROGRAM (CCIP)</p> <p>a. The project will incorporate a <u>Contractor Controlled Insurance Program (CCIP)</u> as described in the CCIP Manual included in the Project Manual. The Lump Sum Base Bid amount should not include on-site worker's compensation costs, commercial general liability, or excess liability costs for this work, in accordance with the CCIP Manual. Trade Contractors are responsible for & must provide evidence of automobile insurance and offsite general liability & worker's compensation. Trade Contractors must submit required forms on the website to be enrolled in the CCIP.</p> <p>i. Trade contractors will not be able to start any work on site until they are enrolled in the CCIP program. This process will take a minimum of two (2) weeks. Any delays caused by late submission shall be borne by the trade contractor responsible. This includes the cost for overtime and extra crews to maintain the project schedule.</p> <p>ii. All sub tier contractors will be required to enroll in the CCIP program.</p>
3.	<p>Builder's Risk Insurance is provided by the Construction Manager per the terms of the General Conditions Article 35.5. Unless otherwise provided for through agreement, the Trade Contractor experiencing any loss claimed under the builder's risk policy shall be responsible for that loss up to the amount of the deductible. Trade Contractor(s) may provide their own coverage for amounts up to the deductible. Refer to the General Conditions, Article 35.5 for deductible limits.</p>
<p>D. SITE LOGISTICS</p>	
1.	<p>Storage of bulk amounts of materials and equipment is restricted due to limited space on the jobsite and within the limitations of the staging area. This project will be utilizing "Just-in-Time" delivery and "Kit-of-Parts" prefabrication. Trade Contractors must schedule and cycle no more material than can be installed in-place within a 5 day or less period. Moving of materials stored inside the staging areas will be necessary and the Trade Contractors shall promptly respond to any request from the Construction Manager to move material. Trade Contractors shall include required costs for off-site storage and any additional handling of materials involved with offsite storage.</p> <p>a. All building materials (studs, conduit, pipe, forms, etc.) shall be stored on a sortable material cart with wheels. All contractors shall employ a "nothing hits the ground" mentality.</p> <p>b. Drywall cart storage for drywall must be either A frame or a drywall cart with outriggers. Stacking of drywall is not allowed.</p>
2.	<p>Access to/from the existing surrounding buildings (see SK-001) by the staff, students, public, delivery trucks, etc. is to be maintained at all times. Fire department access must also be maintained to the surrounding buildings during construction. It shall be the responsibility of the Trade Contractors to ensure that all road entrances, exits, fire lanes, building entrances, loading docks, etc. are not blocked by the progress of its work, its deliverymen or contractors in their employ. This is inclusive of providing temporary access and protection including, but not limited to temporary walks, overhead protection, barricades, signage, etc. Temporary provisions are to be in accordance with UK standards. This access and protection shall be to the satisfaction of the Construction Manager.</p>
3.	<p>The University Dr./Veterans Dr, entrance/exit (Gate 2) will be used as the main construction entrance/exit (see SK-001). Secondary entrances (Gate 6 and Gate 7) are also available for use after coordination with the Construction Manager and Yard Boss</p>
4.	<p>Trade Contractors are to provide all street permits, bonds, police details, flagman, off-duty police, street/lane closure permits, traffic control, and barricades as required to complete the work. This includes deliveries of material. Roadways and driveways may not be blocked without prior approval. Furnish copies of all permits to the Construction Manager.</p>
5.	<p>This project is around existing University buildings. Utilities or services, including pavement to the Owner's facilities (and surrounding facilities) must be protected and maintained 100% of the time when possible (as determined by the Owner, Consultant, or Construction Manager). All costs associated with the work required to maintain service shall be the responsibility of the Trade Contractor performing the associated work. The Trade Contractor(s) are responsible to immediately repair any utility damaged or disrupted during the course of its work whether the utility be known or unknown. If the utility is unknown, the Trade Contractor(s) making the repair will be compensated for the work. If the utility is known, the Trade Contractor(s) is responsible and liable for any and all costs of repairs. Failure to immediately repair damaged utilities per the requirements of the utility Owner will result in the work being performed by others at the Trade Contractor's expense. Repair work shall begin immediately and be continuous (24/7) until the service is restored. All costs associated with this work to repair known utilities are the responsibility of the Trade Contractor. If unknown utilities are discovered, they must be reported to the Construction Manager in writing who will in turn investigate with the assistance of the Engineer and Owner.</p>
6.	<p>USE OF PREMISES</p> <p>a. PARKING & TRANSPORTATION:</p> <p>i. Contractor parking is <u>NOT</u> permitted on the job site or on the University of Kentucky Campus.</p> <p>ii. Turner cannot guarantee that UK will issue passes to any lots on the University campus. Parking is at the discretion of the bidding contractor.</p>

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	<ul style="list-style-type: none"> iii. No parking is permitted in the Whitney Hendrickson Parking Lot or in any UK Parking Structures. iv. Any and all parking permitting costs or parking violations shall be borne by the Trade Contractors. v. Contractors will be able to park in the trailer lot as shown on SK-001. Parking passes will be given out on an as needed basis. Contractor can assume 4 passes per prime contractor in this lot, one for their foreman and the other for their shuttle bus. <p>b. CAMPUS:</p> <ul style="list-style-type: none"> i. Trade Contractors are expressly forbidden to enter existing campus buildings (excluding Dimock) except for specific construction purposes. Restrooms, drinking fountains, vending machines, gift shop and food service areas are NOT for Trade Contractor use unless otherwise directed by the Construction Manager. ii. Trade Contractor communications with University Staff, Faculty and students is strictly forbidden. iii. “Catcalling” or otherwise harassing University Staff, Faculty, Students, or the general public is strictly forbidden. Noncompliance with this provision is grounds for immediate dismissal from the jobsite. Additionally, the tradesperson and Trade Contractor may be subject to legal action.
7.	All contractors shall review delivery access routes and include any temporary removal/relocation of existing items (AHU platform rails, stairs, etc.) to transport their materials and equipment.
8.	Temporary facilities (toilets) for this project will be located on or near the project site (See SK-001). Trade contractors are not permitted to use the active university building toilets.
9.	All contractors shall assume all breaks including lunch shall be taken at the Project Break Area (location shown on SK-001). Taking break and lunch at work areas on project site will not be permitted.
10.	Office and storage trailer(s) will not be permitted onsite due to site limitations. Trade Contractors will be allotted space for one (1) 40’x10’ conex box or trailer in the Trailer Lot for storage and/or office space (see SK-001). Stacking of conex boxes is allowed, but must be approved by Turner. Each perspective TC will be responsible for ALL utilities required at conex box. Break area for workers will be located in the Dimock Building (see SK-001).
11.	<p>Two tower cranes will be provided for use by the contractors.</p> <ul style="list-style-type: none"> a. Tower Crane hours of operation will be from 7:00 AM and 5:00 PM. <ul style="list-style-type: none"> i. During Architectural Precast (TC-001) and Curtain Wall (TC-002) overlapping work, (1) one tower crane will be available from 7:00 AM – 8:30 PM. TC-002 (Curtain Wall Contractor) will have crane time from 7:00 AM to 12:00 PM. TC-001 (Architectural Precast) will have crane time from 12:30 PM to 8:30 PM. ii. If a contractor needs to use the crane outside of these hours, they will be responsible to pay for the operator costs. b. Priority for Tower Crane usage: <ul style="list-style-type: none"> i. Steel Erection/Precast Shafts ii. Architectural Precast iii. Curtain Wall/Metal Panels iv. All other trades
12.	Fuel storage on site is NOT allowed and fueling procedures must comply with applicable regulations, Project Safety Plan and receive the Construction Managers approval. No gasoline or diesel powered equipment will be operated inside enclosed building areas. There will be no fuel storage permitted inside the building.
13.	All foreman/site lead will be required to carry an Apple AirTag when crews are on site. This will allow Turner to know all crews have left the project safely at the end of the day, and the site has been vacated. These AirTags will be purchased by each trade and are to remain with the project at the end of their respective scope. Every subcontractor’s crew leader will be required to have an AirTag while they are working on the project. These air tags shall be purchased through Apple with specific engraving requirements determined by Turner. The costs for these air tags are \$29.00 each with a lead time of 1 week.
E.	MEANS AND METHODS
1.	All Trade Contractors must provide all necessary fasteners, supports, and attachments for the installation of their own work. Trade Contractors must submit to the Construction Manager for approval by the A/E, the means and methods in which they plan on attaching hanger/supports to decks.
2.	Trade Contractors are responsible to survey and inspect all substrate work performed by others prior to starting its own work. Any and all discrepancies, out of tolerance work, or otherwise unacceptable work must be reported the Construction Manager in writing prior to the start of work. The start of work indicates acceptance of the substrate material.

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3.	Each Trade Contractors acknowledges that his Work must be coordinated with the work of other trades and further agrees to coordinate his shop drawings, details, and submittals with those of other trades to ensure proper installation of all materials in accordance with the Project Schedule.
4.	Each Trade Contractor shall protect his own Work and materials adjacent to his work until accepted by the Architect, Engineer, Construction Manager and the Owner. Trade Contractors shall be responsible for replacing, repairing, or the expense to repair, any damage caused by the performance of their Contract Work. In the event damages occur to existing work and is unidentifiable to a specific trade, all repairs and replacement costs will be distributed equally to all trades working in that area.
5.	Each Trade Contractors, upon notice, shall correct all deficiencies in a timely manner before proceeding with the next sequence of Work. Trade Contractors shall be financially liable for any delays to the Project or other contractors due to their deficiencies or the untimely correction of their deficiencies.
6.	Each Trade Contractor requiring temporary protection, temporary heating, and/or temporary cooling to complete its work in accordance with the Plans, Specifications and Project Schedule is required to provide the protection, heating, and/or cooling.
7.	Each Trade Contractor is required to provide its own temporary power (generators tentatively not applicable) and lighting if additional is needed beyond the temporary power onsite. All trades are responsible to provide their own power for welders. This includes and wiring, tie-ins, or devices to run their welders. They are not permitted to be run on the temporary power provided for the work of this bid package(s). At no time shall the noise generated by generators be overwhelming or disruptive to University operations. Generators shall be placed to minimize noise and exhaust impacts.
8.	While working on-site, Trade Contractors shall fill out Construction Manager's Daily Construction Report (DCR) form & labor utilization form. These forms are to be delivered to the jobsite (Turner Superintendent interacting with Trade Contractor) office by no later than 10:00 am the following business day. Failure to perform this duty shall result in delay of payment until all reports have been received. The daily report may be available via electronic format for completion of same.
9.	<p>CLEAN UP</p> <ul style="list-style-type: none"> a. Trade Contractors are responsible to perform clean up on a continuous basis. This cleaning shall at no time be less than once per day. Each and every work area must have all trash, debris & scrap removed and properly disposed of, all materials neatly stacked and the floor broom swept on a daily basis. Each Trade Contractor is required to maintain sufficient brooms, shovels, and sweeping compound on site to keep his work area clean. If daily cleanup and rubbish removal are not performed to the satisfaction of the Construction Manager or the Owner, cleanup and rubbish removal will be performed by others and all costs will be backcharged to the at fault Trade Contractor's contract. Cleanup operations shall not 'wait' until end of the week. Trade Contractors will include all costs for daily cleanup in the contract price. b. At no time shall the streets, building, or areas that surround the work be in a disorderly or dirty condition. c. All private and public paved roadways, parking areas, service roads, etc., are to be kept free of mud, debris, etc., resulting from equipment or vehicles performing the work under their respective Trade Contract, in compliance with local city Ordinances. All Trade Contractors are responsible to include in their contract price dust and mud control, traffic control and roadway cleaning. All Trade Contractors are responsible to clean streets of any debris or spillage of any material as a result of the performance of their work as directed by the Construction Manager. Scraping streets 'clean' with a backhoe or "skid steer" is not acceptable debris control. All street cleaning conducted must be swept clean in addition to scraping up of large debris. All paved areas are to be kept "broom clean" at all times. Failure to do so may result in serious fines imposed on each violating Trade Contractor. Any charges directed at the Construction Manager by others, due to the fact that this procedure is not being implemented, will be backcharged to the offending Trade Contractor. Dust control measures shall be provided by all trade contractors as necessary for their work. d. Burning of trash is NOT permitted. e. Dumpsters will be provided for general construction debris ONLY in accordance with scopes of work and these general requirements. Locations for construction debris will be coordinated with the Construction Manger. <u>All crating materials must be disassembled and/or flattened prior to placement in dumpsters.</u> All demolished items must be removed in dumpsters or trucks provided by the contractor removing the items. Any materials that require special care and/or disposal shall remain the contractor's obligation to dispose of. f. Trash receptacles will be furnished for trash & refuse throughout the building and site as outlined in the specific scopes of work and these general requirements. These receptacles are not for construction debris, packing materials, cartons, pallets, scrap, etc. g. It is the responsibility of the Trade Contractors to coordinate the clean-up effort, including removal of non-identifiable items such as lunch wrappers, cans, plastic bottles, etc. h. All Trade Contractors are required to perform a final cleaning of its work and the jobsite.

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	<p>i. It is each Trade Contractor’s responsibility to place refuse and debris resulting from their direct operations in the refuse containers (“Mobile trash carts/cans”) and emptied into the site dumpster by that contractor.</p>
10.	<p>INSPECTIONS</p> <p>a. The Trade Contractors shall coordinate, in a timely manner, all city, county, state, or other inspections as required for the completion of its Work in accordance with the Project Schedule. The Trade Contractors understand that multiple inspections (i.e. in-wall, above ceiling, etc.) may be required per area to maintain project schedule. The Trade Contractors shall schedule these inspections in a timely manner with no added cost to the Construction Manager or owner.</p> <p>b. The Trade Contractors shall cooperate with and include the costs of all labor and materials required to assist the Owner’s testing/inspection agency with inspections and gathering of samples and assistance in access to the specific locations of tests/inspections, and demonstrations. Initial costs for testing laboratory shall be by others if so noted in documents. Costs for re-test due to noncompliance shall be borne by the offending Trade Contractor. A minimum of 24 hour notice must be given to the testing agency for testing required during normal working hours. If testing is required on weekends, 48 hour notice is required.</p> <p>c. Coordinate with the Owner’s Testing/Inspection Agency as required by the specifications.</p> <p>d. The Trade Contractors will cooperate with and demonstrate system operation and safety compliance with the local building and fire inspectors as needed and required for building occupancy. All associated costs, inclusive of after-hours inspections, are the responsibility of the Trade Contractor installing the system.</p> <p>e. TC-030 Plumbing and TC-031 Mechanical contractor shall furnish and maintain three (3) new mobile, one cubic yard, covered trash carts each for outages and testing. This cart shall be painted blue and clearly labeled “OUTAGE CART” in white letters. This cart shall only be used for water type outages or draining for testing. No trash removal with this cart is allowed.</p>
11.	<p>All contractors are to understand that this is a LEED certified project. Contractors are to make themselves familiar with the requirements laid out in the specifications and follow those requirements.</p>
12.	<p>Contractors are to verify layout provided by others. Where this subcontractor is performing work using layout provided by others, this subcontractor shall perform sufficient verification of that layout to reasonably ascertain the validity of that layout. Any deficiencies (or suspected deficiencies found) shall be reported to Turner immediately to allow corrections as needed before start of work by this subcontractor. Contractor shall not use any permanent marking (Sharpie, spray paint, etc.) on the concrete slabs.</p>
13.	<p>Contractors shall NOT be permitted to mark concrete substrates with permanent markers and/or spray paint.</p>
F.	SCHEDULE
1.	<p>This project will utilize a LEAN scheduling approach to fully-develop this project’s scheduling details (See Attachment I). All contractors will be required to participate in reverse-phase, pull-planning scheduling sessions to develop and schedule the construction work. PMs, superintendents, and foreman will be required to participate in these sessions. Participants are expected to come prepared with work scopes broken down into components knowing their scope details, manpower requirements, and expected durations.</p>
2.	<p>This project will utilize the Last Planner System which provide the planning, management, and control tools necessary to efficiently manage the project schedule. In addition to the pull-planning and make ready planning, all contractors will be required to submit a Weekly Work Plan (WWP) weekly to be reviewed by the CM against the schedule as well as participate in daily 15-minute Production Planning Huddles.</p>
G.	DOCUMENT CONTROL
1.	<p>All Trade Contractors will comply with all requirements of the Contract Documents as to Contract Close-Out, including, but not limited to, Operation and Maintenance data, system training, and project record documents. O&M Manuals, training schedules and preliminary as-built drawings are due to the CM prior to 70% trade contractor complete progress billing. The Trade Contractor will be required to submit a form that certifies that all systems, equipment, firestopping comments and incorporated products furnished by the Trade Contractor are complete and operational for the purpose for which the system or product were intended. Each Trade Contractor is responsible to video all start up and training. This video must be of “professional quality” (no cell phone videos) and submitted to the Construction Manager in proper format as part of the Contract Closeout Documents.</p>
2.	<p>All Trade Contractors shall maintain, at the site of the Work, as-built drawings, which will be updated on a weekly basis showing actual installation and all changes in the Work. These drawings will be legibly identified as “Record Documents”, with changes noted in a legible, concise and explanatory manner in <u>red ink</u>. The Record Documents are subject to review by the Construction Manager on a weekly basis. Any contractor not keeping a current record of the changes made to its Work on the Record Documents will be subject to having Progress Payments withheld until all changes are brought current to the satisfaction of the Construction Manager. Final As-Built Record Documents must be submitted to the Construction Manager in electronic format. As-built drawings and photos shall be reviewed by the Construction Manager prior to covering the work.</p>

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3.	Each Trade Contractor shall submit a submittal schedule to The Construction Manager within 10 days of Contract award. Submittal submission must begin within 15 days of Contract award or sooner if required to maintain the Project Schedule. Schedule shall include material lead times. Please note that all submittals/samples must be sent to Turner Construction's jobsite office for review. Include the costs for any postage required. Submittals will be in accordance with the Special Conditions Article 8.
4.	<p>PROJECT MANAGEMENT SOFTWARE (eComm)</p> <ul style="list-style-type: none"> a. All Trade Contractors will be required to have an Internet connection, a working email address (checked daily) and utilize eComm, the University of Kentucky's web based project management system. b. All Trade Contractors will be required to utilize eComm as required by the University and the Construction Manager. This shall include, but not be limited to: RFI's, daily communication, submittal tracking, etc. c. Communication forwarded via eComm will be binding as if sent via traditional methods. d. ALL Trade Contractors will be required to submit initial and ALL "later" approved submittals and shop drawings as a scanned electronic file for eComm. Exceptions will be at the Construction Manager's and Owner's discretion. The file format will be at the discretion of the Owner and the Construction Manager. If a Trade Contractor fails to comply with this provision, they will be responsible for all costs incurred by the Construction Manager to have said drawings and submittals scanned. Refer to Special Conditions for additional detail. Reference General Conditions for number of "copies".
5.	<p>Contractor change order requests shall be provided with sufficient detail (as acceptable to Turner) to allow for satisfactory review within 7 days of receiving the scope. Contractor shall be allowed a maximum mark up for overhead and profit per the markup provisions included in the Subcontract Agreement, or as clarified in Contract Documents.</p> <ul style="list-style-type: none"> a. All Change Order Requests, Time & Material Tags, and Pricing Submissions will be in electronic format and shall be submitted to Turner using the <u>Clearstory</u> project management system. Clearstory is no cost to Subcontractors and will help the project team collaborate on change orders, pricing requests, and T&M tags.
6.	<p>All Applications for Payment and all supporting documents (including but not limited to lien waivers, sworn statements, and the like) for Subcontractor and its sub-subcontractors and suppliers, shall be in electronic format and shall be submitted to Contractor using the <u>Textura-CPM™</u> payment management system. Subcontractor shall be responsible for the fees and costs owed associated with Subcontractor's use of the Textura-CPM™ payment management system. Subcontractor shall include a similar provision in its sub-subcontracts and purchase orders. Fees to Subcontractors are calculated as 0.22% (22 basis points) of contract value, with a minimum fee of \$50 and a maximum fee of \$5,000. Fees to Subcontractors' sub-subcontractors and suppliers are a fixed fee of \$100 per sub-subcontractor or supplier contract.</p> <ul style="list-style-type: none"> a. Retainage Conditions shall be in accordance with the "Fairness in Construction Act" of 2007. Namely, Retainage for all Subcontractors shall be 10% until both the Project and the Subcontractor achieves 50% completion. At that point, retainage for all Subcontractors in good standing shall be reduced to 5% of Total Contract Value. b. Turner Accelerated Payment Program - The attached KENTUCKY Rider - Accelerated Payment Program amends and supplements your Agreement with Turner and provides you the opportunity to enroll in the Program through Textura CPM and receive accelerated payments from Turner on your invoices. Formal enrollment into the Program can then be accomplished via the Textura CPM system. Additional information and Program benefits are included in the attached Turner Accelerated Payment Program summary. You may be contacted by a representative from Turner or Textura who can provide additional information on the Program and answer questions you may have or you may call Textura at 1-866-TEXTURA (839-8872) with any questions.
H. SITE SPECIFIC	
1.	TC-034 Interior General Trades is to provide & maintain, one-hundred and twenty (120 ea) 20# fire extinguishers with free standing stands placed throughout the site in accordance with Turner Construction and OSHA standards for the duration of their contract. Provide initial certification upon delivery and re-certification as needed.
2.	TC-034 Interior General Trades will furnish (repair or replace when necessary) twenty (20) (minimum 55 gallon Rubbermaid drum) trash cans and maintain forty (40) trash cans provided by others. These will be for miscellaneous trash (not construction materials) from the commencement of the project. Trash cans to remain at the project after completion of this contract or when no longer required as dictated by the CM.
3.	TC-034 Interior General Trades contractor will furnish (repair or replace when necessary) Twenty (20) new, mobile, one cubic yard, covered trash carts and maintain thirty (30) trash carts provided by others. Carts to be Global Industrial™ Extra Heavy Duty Plastic Tilt Truck, 1 Cu. Yd. Cap, 2100 Lbs. Cap, Gray model WB242096 or equal as approved by the CM. Trash carts should be equipped with a lid or some form of covering. Trash carts to remain at the project after completion of this contract or when no longer required as dictated by the CM.
4.	TC-034 Interior General Trades shall provide two (2) 30-yd dumpsters at all times and all required quantity of "pulls" for general construction debris for the duration of their contract. Note: these dumpsters are intended to be used for general construction debris ONLY, not debris associated with excavation activities. Dumpsters for excavation activities will be provided and maintained by others.

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	<ul style="list-style-type: none"> a. All Contractors to follow specification section 01 7419.01 (COMPLETE). Please note the requirements to sort debris for the purpose of recycling. In addition to the (2) general debris dumpsters, TC-034 Interior General Trades shall provide (2) dumpsters for the purposes of recycling per the site LEED requirements. Include all required pulls for 65 weeks. b. TC-034 Interior General Trades shall provide custom dumpster covers similar to ALCO Roll Off Container Covers for all dumpsters provided. Contractor shall include covering dumpsters whenever they are not in use and uncovering when they need to be used. c. Location of dumpsters to be coordinated with CM. Dumpsters to be emptied on a consistent and regular basis to support the construction operations. Contractor shall include relocating the dumpsters as needed to facilitate construction activities. d. If any contractor will be generating any concrete, asphalt, or CMU waste, that contractor is responsible for providing a dedicated recycling dumpster for that material. Each contractor shall provide receipts, weight tickets, and manifests indicating receipt and acceptance of recyclable waste by recycling and processing facilities.
<p>5.</p>	<p>TC-034 Interior General Trades to provide an all-terrain telehandler (Lull/JLG) for use by all trades for the duration of their contract. The Lull will be used for material deliveries, trash removal, site fence maintenance, and other miscellaneous site activities as needed. In the event of Lull downtime there will be no compensation resulting from equipment failure. Lull basis of design is a 10,000lb rated machine.</p> <ul style="list-style-type: none"> a. TC-034 Interior General Trades to maintain a (1) self-dumping 4-cu. yd. hopper to be used for trash provided by others. Hopper to remain at project site at conclusion of this contract. Contractor to include all maintenance needed so there is no downtime. b. TC-034 Interior General Trades is responsible for maintenance and all fuel for the Lull for the duration of their scope of work.
<p>6.</p>	<p>TC-034 Interior General Trades shall provide a full time Yard Boss/Operator [(5) 10-hour work days/week = 50 hrs./wk. 40 straight time hours and 10 over time hours] for the 68 weeks. This person will be responsible for tasks including but not limited to the following: opening and closing the site gates daily, scheduling and coordinating deliveries, operating the Lull for deliveries and trash removal, operating street sweeper, etc. This person shall have a minimum of 10 years of construction experience and possess all applicable equipment certifications (all-terrain lift, scissor lift, boom lift, street sweeper, etc).</p>
<p>7.</p>	<p>TC-034 Interior General Trades to maintain Temporary Construction work as noted below and as shown on the project drawings & Site Logistics plans:</p> <ul style="list-style-type: none"> a. TC-034 Interior General Trades to maintain, rework, remove, and relocate at the direction of the Construction Manager 8' chain link construction fence provided by others (per UK standards) for the perimeter of all construction areas, trailer areas, and laydown areas as shown on Site Logistics Plans. Include costs to maintain all fencing, gates, locking material 24/7 for duration of this contract. Fence to be a combination of jersey barriers and driven posts. Maintain safety signage at 20' o.c. max intervals on fence as directed by Construction Manager. Provide a 24/7 on-call representative for immediate response to emergency corrections/maintenance as needed. The site fencing will remain after the completion of this contract, removed by others at a later date, and turned over to the owner. TC-032 Electrical Interiors contractor to provide maintenance on temp fence lighting installed by TC-009 for the duration of their contract. <ul style="list-style-type: none"> i. Maintain all automatic rolling gate closer devices with keypad access. ii. Include necessary hours and equipment to modify/move fence panels/jersey barriers as needed. iii. For water-filled jersey barriers, include filling with water and maintaining water levels required for safety. Treat water for winter usage when necessary. Include replacement of damaged barriers as needed. iv. Maintain fence screening for entire perimeter of fence. v. This contractor shall maintain deck system installed around trailer and restroom complex in the laydown area. b. TC-034 Interior General Trades to maintain and remove when directed a sidewalk canopy scaffold system for overhead protection of the sidewalk adjacent to fence along University Drive from Huguelet Drive to the Behavioral Science Building. Maintain a clear height of 8' throughout. Scaffold shall be properly secured to prevent uplift and overturn. <ul style="list-style-type: none"> i. Maintain and replace lights/bulbs in the canopy system as needed. Lights to never be down for more than an 8 hour period. c. TC-034 Interior General Trades to inspect fence and overhead protection daily and repair deficiencies as needed. Maintain log of inspections. Submit log to Construction Manager once per week. d. TC-034 Interior General Trades is responsible for opening and securing the site at the end of the day. This includes all gates.

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	<ul style="list-style-type: none"> e. TC-034 Interior General Trades is responsible for maintenance of concrete walk and stairs in front of the Dimock building (see SK-001) f. TC-034 Interior General Trades shall maintain and remove when no longer needed plywood protection over the windows on the east side of Dimock installed by others.
8.	TC-034 Site General Trades is responsible for all grass cutting and weed eating inside the site limits and the Trailer and Laydown Yards as well as both sides of the fence line twice per month for the duration of their contract.
9.	TC-019 Site General Trades shall provide a full-time on-site street sweeper (skid steer with forks, bucket, and broom attachment). Provide street cleaning as necessary, with a minimum of twice daily for the duration of this contract. Provide power sweeping and scrubbing of all paved areas, sidewalks, etc. soiled as a result of the work inside and outside of project site limits to the satisfaction of the Construction Manager. This Trade Contractor must clean all adjacent streets and maintain as if there were no construction site in the area. Huguelet Drive, University Drive, Veterans Drive any other impacted streets must be swept daily for the duration of this contract. Street must be immediately swept and cleaned if there is excessive tracking as determined by the Construction Manager. Any and all costs associated with street cleaning, inclusive of permits and fines will be the responsibility of this Trade Contract. In the event of sweeper downtime there will be no compensation resulting from equipment failure.
10.	<p>TC-034 Interior General Trades contractor to provide twice per week cleaning services for the CM offices located inside the Dimock Building (Approximately 2,000 SF) as well as the Office and Restroom Trailer Complex located to the east of University Flats (Approximately 4,000 SF) for 68 weeks. This shall be completed by a contractor that specializes in cleaning and is approved by the CM. Cleaning shall include, but is not limited to sweeping and mopping floors, taking out trash, restocking paper supplies in the restrooms, cleaning plumbing fixtures, furnish paper supplies for restrooms, replacing trash can liners, wiping down surfaces, etc. This cleaning shall be completed outside of working hours.</p> <ul style="list-style-type: none"> a. Provide and maintain boot scrubbers at entrances to CM offices at both the Dimock Building and Office Trailer. b. Provide cleaning as needed along travel path from the entrance of the Dimock Building to the CM Office (at minimum twice/day).
11.	<p>TC-034 Interior General Trades contractor will maintain and demobilize when no longer needed as directed by the CM the Project Break Area for 65 weeks. Assume Project Break Area is 2000 sqft. This includes, but is not limited to:</p> <ul style="list-style-type: none"> a. This contractor to include professional cleaning (mopping floors, wiping down tables, wiping of chairs, cleaning of microwaves, cleaning of refrigerators, trash removal, replacing of can liners, cleaning of walk off mats, etc.) minimum 3 times weekly by a competent cleaning company to be approved by the CM. This shall be complete after working hours b. This contractor shall include a deep clean/scrubbing of the Project Break Area once per month for the 65 week duration. Assume this is done on weekends outside of work hours. c. 80 tables and 320 folding chairs, including set up and tear down d. 4 refrigerators e. 10 microwaves f. Ice maker g. Include two relocations of this area
12.	<p>TC-013 Site Plumbing has provided temporary exterior water and should coordinate the final location(s) on the site with CM. TC-030 Interior Plumbing shall maintain and remove temporary exterior water when no longer required as dictated by the CM.</p> <ul style="list-style-type: none"> a. TC-013 Site Plumbing has provided two (2) spigots that are protected from equipment and freeze-protected. b. TC-013 Site Plumbing has provided two (2) heated temporary hand washing stations similar to PolyJohn PSW3-2000. Electrical connection by others. Coordinate with CM on final locations. <ul style="list-style-type: none"> i. TC-032 Electrical Interiors Contractor to disconnect electrical when no longer required as dictated by the CM. c. TC-030 Interior Plumbing is to provide temporary interior water and should coordinate final location(s) on the site with the CM. This contractor shall assume that the temporary feed will be from either the temporary fire service or the domestic water main and may switch from one to the other. <ul style="list-style-type: none"> i. Assume one water spigot and sloop sink with faucet per floor. Assume temporary tie in to the sanitary system and removal when directed by the CM. ii. Assume all maintenance including all unclogging as needed. d. TC-030 Interior Plumbing is to provide an exterior water spigot at the Trailer complex near the bathroom trailer. Assume tying into existing trailer water lines. Final location to be coordinated with CM. (ADD #2)
13.	TC-015 Foundations Contractor has included (3) stationary scaffold stair towers from basement level to top of foundation wall along with (3) scaffold walkways with scaffold guard rail protection that span from the stationary scaffold stair tower to over lagging wall for use by all trades. This trade contractor is to relocate these stair towers and walkways as needed for their work or as directed by the CM. This contractor is to inspect all stair towers and walkways prior to beginning of work each day. These will be removed at the end of their contract.
14.	Temporary facilities (toilets) for this project will be located on or near the project site. Trade contractors are <u>NOT</u> permitted to use the active university building toilets.

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	<ul style="list-style-type: none"> a. TC-019 Site General Trades contractor is to provide and leave at project site at the conclusion of this contract Restroom Pods as approved by the CM. TC-034 shall include providing and leave at project site at the conclusion of this contract five (5) Restroom Pods as approved by the CM. <ul style="list-style-type: none"> i. Include black water and non-potable holding tanks pumped out and filled as needed. Holding tanks shall be complete with heat trace to prevent freezing. This contractor to monitor tank levels daily. ii. TC-019 Site General Trades to provide (3) "Port-O-Lets" for 39 weeks to be used in the event of restroom trailer failure. These are to be locked at all times and only used when failure occurs. These are to be located next to the portable restroom trailer. b. TC-034 Interior General Trades contractor will maintain the Restroom Trailer and Restroom Pods provided by the previous contractors and the Temporary Restrooms (detailed in items H.20 and H.21 below). The Restroom Trailer and Restroom Pods are to remain at the end of the project. TC-034 Interior General Trades is to include the relocation of each of the Restroom Trailer and Restroom Pods to a location to be coordinated with the CM within a 10 mile radius of the project. Maintenance shall include: <ul style="list-style-type: none"> i. Professional cleaning (minimum 3 times weekly by a competent cleaning company to be approved by the CM) after working hours. ii. Restocking of soap and paper products. iii. Pumping and unclogging of obstructions. iv. Removal of trash and relining of cans v. Maintaining holding tanks. vi. Relocating as needed per Construction Manager's direction. vii. Completing and logging restroom inspections 3 times daily and submitting to the CM.
<p>15.</p>	<p>TC-034 Interior General Trades Contractor will be responsible for all dewatering and/or snow removal required for the duration of their contract. This would apply to areas outside of the project site that are to be used for "staging", material stocking, and other deliveries. This would also apply to the offsite parking, any stair towers, trailer yards, laydown yards, project walkways, etc.</p> <ul style="list-style-type: none"> a. This contractor shall provide a six (6) 55 gallon "wet/dry shop vac" on wheels and a 20 gallon, walk behind, battery powered, floor scrubber/vacuum. These are to be used in the event of water on or general cleaning of the slabs. b. Provide and maintain six (6) mobile, one cubic yard, covered, trash carts for water spills only. These to be stored with the wet/dry shop vacs c. Paint all items white with blue lettering denoting "SPILL KIT" d. Provide signage for spill kit area and location. Signage will be maintained and moved throughout the entirety of this project. e. Provide and maintain two brooms, two squeegees, two 25lb bags of Floor-Dry, and two 10 foot sand snakes at each spill kit f. Provide and maintain a 100' heavy duty construction grade extension cord with a separate GFCI pig tail at each spill kit
<p>16.</p>	<p>TC-034 General Trades to provide Vertical Transportation for the project.</p> <ul style="list-style-type: none"> a. TC-019 Site General Trades has provided a double barrel Buck Hoist with two operators for 45 weeks. TC-034 Interior General Trades shall take over the rental of this hoist at the completion of TC-019 Site General Trades' contract. Assume rental and operators for each hoist for a duration of 25 weeks. Contractor to contact Ben Stroube (513.353.1181/ben.stroube@amscaf.com) with American Scaffold for rental and buck hoist information. Assume that the operators will be working 5 (10) hour days a week. Operators are to be trained in the use of this hoist. At no time shall this contractor allow these hoist to not be operational due to failure to produce an operator. (ADD # 2) <ul style="list-style-type: none"> i. Contact American Scaffold for dimensions and capacity ratings (ADD # 2) ii. TC-019 Site General Trades shall design and install buck hoist foundation. TC-034 Site General Trades shall remove when no longer needed. iii. TC-019 Site General Trades shall include one jump of the buck hoist for vertical erection. iv. The buck hoist installation shall precede the installation of concrete on each floor. TC-019 Site General Trades shall include all work necessary to allow each car to stop and be used at each floor prior to concrete being placed. v. TC-019 Site General Trades shall include all material and labor needed for each car to stop at every floor. Contractor shall include rework of existing cable rail and installation of fall protection from the buck hoist stop to the guard rail installed. This includes installing custom plywood "wings" from edge of buck hoist at each floor stop. vi. TC-019 Site General Trades shall include a weatherproof vestibule at each floor to enclose both buck hoist stops. Assume that each shall be a plywood structure with a set of 4'x8' double doors with self closing hinges. Assume each structure to go from floor to deck, is 20' wide, and 10' deep. Contractor to install a call station at each floor for each car. TC-034 Interior General Trades shall include the maintenance and removal of these vestibules when no longer required at the direction of the CM.

	<p>vii. TC-034 Interior General Trades shall include all maintenance as need on this buck hoist system including 24/7 response if failure occurs during their rental period. Assume that maintenance shall be coordinated with onsite work and will be performed outside of working hours. This contractor understands that time is of the essence in the repair of the hoist if failure occurs and shall do all in its power to complete the repairs quickly. This includes, but is not limited to: paying of expediting of materials, working off hours, working weekends (including Sundays), managing and supervising the repair work, etc.</p> <p>viii. TC-019 Site General Trades has provided a Receiving Dock to be built around the buck hoist (See SK-001). This dock has been built to a height able to receive truck deliveries without a lift gate and made out of pressure treated wood. Assume dock to be 1,600 sqft. TC-034 Interior General Trades shall include all maintenance and removal of this dock when no longer required at the direction of the CM for the duration of their rental period.</p> <ol style="list-style-type: none"> 1. This dock includes a fall protection railing around the entire perimeter. TC-019 Site General Trades to include eight (8) 6' wide removable openings for receiving deliveries and dumping trash. 2. TC-034 Interior General Trades to include all safety requirements for the maintenance and removal of the buck hoist near this dock. 3. TC-019 Site General Trades to Include 2 sets of stairs from the dock to the ground. 4. TC-034 Interior General Trades to include complete removal and reinstallation of the Receiving Dock to assist in the north tower crane demobilization. Coordinate this timing with the CM. TC-034 to understand that time is of the essence in the reinstallation of the Receiving Dock. Provide all premium time as needed. <p>ix. TC-019 Site General Trades to make final power connections for buck hoist. TC-032 Electrical Interiors Contractor is responsible for the demo of these connections back to their source. Coordinate the removal with TC-034 Interior General Trades.</p> <p>b. TC-019 Site General Trades shall provide three Scaffold Stair towers at locations to be coordinated with CM. Contractor shall assume rental of each stair for 20 weeks.</p> <ol style="list-style-type: none"> i. Contractor to assume these stairs are to be installed from the Basement through the top of each respective area of the building. ii. Contractor to assume that these will follow the installation of the metal deck installation for that area. Stair shall be elevated to the deck within two weeks of the decking being placed on each respective floor and area. iii. Contractor to assume that each stair tower will need to be removed floor by floor in coordination with the permanent stair installations to never lose stair access to a floor. <p>c. TC-019 Site General Trades shall provide a Transport Platform from 1st floor to basement to be placed in the south "Garden Area" of the building (see SK-001) for the duration of their contract. Contractor to provide BetaMax Max Climber 4000 or equal.</p> <ol style="list-style-type: none"> i. Contractor shall include all work needed to provide a fully functioning transport platform. This includes, but is not limited to, foundations, safety equipment, electrical connections, design, fees, permits, inspections, etc. ii. This contractor shall include all maintenance as need on this buck hoist system including 24/7 response if failure occurs. Assume that maintenance shall be coordinated with onsite work and will be performed outside of working hours. <p>d. TC-019 Site General Trades shall provide two Loading Platforms to be installed and moved as need to assist in construction. Contractor shall provide Preston Deck SuperDeck 3.2 or similar with approval by the CM. Contractor shall assume rental for 30 weeks</p> <p>e. TC-019 Site General Trades shall provide Temporary Infill for Permanent Pan Stairs.</p> <ol style="list-style-type: none"> i. Contractor to assume that infill will be 2"x10" pressure treated wood cut to the full width of the stair. No foam will be allowed. Contractor shall install the wood so that no slippage occurs during use. ii. Contractor to assume that each stair will need to be infilled floor by floor in coordination with the permanent stair installations to never lose stair access to a floor. iii. Contractor shall coordinate the removal of temporary infill with the permanent stair infill installation by the SOMD contractor.
<p>17.</p>	<p>All contractors and their sub tiers are to provide 2% of their total labor force hours to a consolidated clean up crew. Participation in this effort does not relieve the contractor of their daily clean up duties.</p> <ol style="list-style-type: none"> a. TC-034 Interior General Trades shall provide a Clean Up Crew Foreman for [(5) 10-hour work days/week = 50 hrs./wk. 40 straight time hours and 10 over time hours] for 60 weeks. This person shall have no other responsibilities than managing this crew. This person shall be efficient in the scheduling and managing of manpower. b. Every contractor will be given notice of the day they are required to supply manpower to this crew. On that contractor's scheduled day, they will supply a worker to the clean up crew foreman by 7:30a with a broom and shovel. This worker shall take break and lunch for the day with this crew. Inability to supply a worker for the day

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	<p>and/or a broom or shovel shall result in a worker or material being provided for you and back charged to the offending contractor.</p>
<p>18.</p>	<p>TC-027 Electrical Riser Contractor shall provide temporary power for the building as outlined below. TC-027 Electrical Riser Contractor shall assume the maintenance of this system until the end of overhead rough in on each respective floor (see Attachment G). TC-032 Electrical Interiors Contractor shall assume maintenance of this system after overhead rough in is complete on each respective floor. TC-032 Electrical Interiors Contractor shall include the removal of this system when no longer required as dictated by the CM. The temporary electrical work shall conform to most recent National Electrical Code, OSHA; Federal, State and Local Codes, etc. having jurisdiction over this work.</p> <ul style="list-style-type: none"> a. TC-009 Site Electrical contractor has provided 2 ea. 1000 Amp/480 V Exterior Distribution Panelboards from Existing 12 kV Service Connections provided by others with conduit stopping within 5 feet of the building. TC-027 Electrical Riser Contractor shall provide all work required to run power into the building for temporary electric service including, but not limited to breakers, feeders, conduit, grounding, sleeves as required for a complete and operational system. See SK-003 for general locations of 400 Amp/480V panels. <ul style="list-style-type: none"> i. TC-027 Electrical Riser Contractor shall coordinate shutdown for installation on off hours as to not impact construction utilities. ii. TC-034 Electrical Interiors Contractor shall include the removal of exterior temporary power systems installed by TC-009 Site Electrical Contractor b. TC-027 Electrical Riser Contractor shall provide three (3) ea. 400 Amp/480V Panelboards fed from Existing Distribution Boards and used to feed to 25kVA/480/230/120 Skids. Place Panel boards in locations coordinated with CM. See SK-003 for general locations of 400 Amp Panel boards. c. TC-027 Electrical Riser Contractor shall provide a minimum of twenty four (24) 25 kVA Mobile Power Skids for the building. Assume 2 skids per floor including the roof with additional skids to be installed at the direction of the CM. Skids to be fabricated offsite. Contractor to submit design of skid to CM for approval prior to fabrication. TC-034 Electrical Interiors Contractor shall include relocation of these skids as needed and/or directed by the CM for the progress of the project. Each skid to include: <ul style="list-style-type: none"> i. 200 Amp 230/120 Panel ii. 25 kVA 480/230/120 Transformer iii. Skid on wheels with Grounding Buss iv. Feed Cables from Main 400A Panelboard to each Skid v. Sleeves in Decks near Electrical Rooms for riser cables in addition to the permanent power sleeves vi. Sleeves in Walls as needed for the routing of the wire. This includes sleeves in walls built after the installation of the temporary electric. vii. Connection Ground to Building Steel at each skid viii. 1 ea. 480V Twist Lock receptacle for welders ix. 10 ea. 120V/ 20Amp GFCI receptacles x. LED Lighting Circuits for adjacent area temp lights with disconnects. d. TC-027 Electrical Riser Contractor shall provide all hooks and support wire to string wire throughout the project initially. TC-034 Electrical Interiors Contractor shall provide any additional hooks needed for any modifications made to the system. All power to have non-current carrying guards. All hooks should be non-current carrying similar to Carnie Locking Quickhooks. Assume one hook every ten (10) feet. e. All temporary power wire will initially be installed at a height that permits rolling scaffold/scissor lift to move easily and without obstruction around the site. Enough slack shall be left in the installing method to drop below ceiling height in each area as the project commences. f. Grounding shall comply with applicable codes relating to permanent and construction work. This shall include ground fault protection, using ground circuit interrupters. g. TC-027 Electrical Riser Contractor to provide temporary power design to be reviewed and approved by the EEOR prior to fabrication. TC-034 Electrical Interiors Contractor shall update this plan throughout their maintenance of this system. h. TC-034 Electrical Interiors Contractor shall provide all maintenance needed for the temporary power system including what has been installed previously. This contractor shall coordinate maintenance on off hours as to not impact construction activities. i. TC-034 Electrical Interiors Contractor shall provide all material and labor needed to install S hooks for general cord usage. Assume S hooks to be Carnie Locking Quickhooks. Provide 500 hooks. Include removal of these and 500 Carnie Locking Quickhooks install by TC-019. These hooks to be turned over to the CM after they are removed.
<p>19.</p>	<p>TC-027 Electrical Riser Contractor shall provide temporary lighting for the building as outlined below. This contractor shall assume the maintenance of this system until the end of overhead rough in on each respective floor (see Attachment G for duration). TC-032 Electrical Interiors Contractor shall assume maintenance of this system after overhead rough in is complete on each respective floor. TC-032 Electrical Interiors Contractor shall include the removal of this system when no longer required as dictated by the CM. The temporary electrical work shall conform to most recent National Electrical Code, OSHA; Federal, State and Local Codes, etc. having jurisdiction over this work.</p>

	<ul style="list-style-type: none"> a. TC-027 Electrical Riser Contractor shall provide general LED light strings for a minimum of 10-foot candle coverage for temporary lighting for all floors, stairwells, and temporary stair towers. Stair lights and lights in other critical egress areas are to be installed on circuits separate from the General Lighting circuits and will be energized at all times. Provide circuit breaker locks for those breakers. Ten percent of the temporary lights shall remain on 24 hours a day for security purposes, 24 hour illumination is also required at stairs and egress areas on each floor, and all other lighting shall be shut down by means of timers after work for the day is complete. <ul style="list-style-type: none"> i. TC-032 Electrical Interiors Contractor shall include modifying the temporary lighting to accommodate the construction progress. Any dark areas created to due construction progress shall be illuminated immediately. Each room shall have one unobstructed light. b. All temporary light fixtures will initially be installed at a height that permits rolling scaffold/scissor lift to move easily and without obstruction around the site. Enough slack shall be left in the installing method to drop below ceiling height in each area as the project commences. c. All lighting to have non-current carrying guards. Each light strand shall be hung from non-current carrying hooks similar to Carnie Locking Quickhooks. Assume one hook every 10 linear feet of light strand. TC-032 Electrical Interiors Contractor shall provide new hooks for the modified lighting strands as needed, as well as, relocating the existing hooks for the rework and maintenance of the system. d. Should lighting circuits have to be relocated during construction this shall be done at no addition cost to the Owner or Turner. Lights will be added as areas are developed with no interruption to schedule be it electrical or others. e. TC-032 Electrical Interiors Contractor shall include maintenance of all Temporary Lighting on a daily basis, permitting not more than 10% of the lighting in a given area to be non-operating at any one time. It should be noted that maintenance of "construction lighting" should be for the duration of this contract and done on off hours as to not impact construction activities. f. TC-032 Electrical Interiors Contractor shall be required to move temporary wiring from time to time as directed by the Construction Manager. If temporary wiring interferes with other construction work this Trade Contractor shall remove and relocate as necessary. g. TC-032 Electrical Interiors Contractor shall provide all maintenance needed for the temporary lighting system including what has been installed previously. This contractor shall coordinate maintenance on off hours as to not impact construction activities.
<p>20.</p>	<p>Contractors shall provide two (2) temporary restrooms on the Basement area as outlined below. Contractors are to assume that these restrooms are to be built out of sequence with the rest of the work in the area.</p> <ul style="list-style-type: none"> a. TC-026 Plumbing Riser Contractor shall provide (13) toilets, (4) urinals, (8) restroom sinks, (2) hand washing stations, (2) electric water heaters, (4) electric exhaust fans. b. TC-026 Plumbing Riser Contractor shall provide all new sanitary, vent, and domestic water piping to these fixtures including any rework needed for these systems to function. c. TC-026 Plumbing Riser Contractor to include any permitting and fees needed to use these restrooms in a temporary basis. d. TC-026 Plumbing Riser Contractor shall maintain these restrooms for the duration of their contract. This includes, but is not limited to scoping sanitary lines, cleaning lines of clogs, maintaining equipment as specified, etc. e. TC-027 Electrical Riser Contractor to run power to all temp exhaust fans and temp water heaters within temp restrooms. f. TC-027 Electrical Riser Contractor to include provide (6) 2'x4' LED Lights for temporary restroom with a switch for each restroom. g. TC-029 Drywall and Ceilings Contractor shall include all layout and framing for the temporary restrooms. <ul style="list-style-type: none"> i. Assume these to be rooms 014A, B, C, and D in Area B. The intent is to install these in the place of the permanent restrooms. ii. Assume the installation of temporary drywall and 8' tall plastic laminate wall covering on the interior of each respective restroom. h. TC-034 Interior General Trades to include: <ul style="list-style-type: none"> i. Temporary counters and storage. ii. One (1) Temporary Mirror in each respective restroom iii. Temporary HM frames, HM doors, and typical hardware for each doorway shown. iv. Temporary plywood stall enclosures including latching doors with full plastic laminate covering. v. Temporary restroom accessories. <ul style="list-style-type: none"> 1. (1) Toilet paper holder per stall 2. (3) Paper towel dispensers 3. (3) Soap dispensers i. TC-032 Electrical Interiors Contractor shall include installing security cameras near each of these entrances. Include running power off the temporary power system. j. All BP-05 Contractors to include demolition, removal, and rework as necessary (associated with their individual scope of work) for the permanent restroom installation.

	<p>i. This includes the removal of the drywall and replacement of tile backer board</p>
<p>21.</p>	<p>Contractors shall provide two (2) temporary restrooms on each the 2nd, 4th, 6th, and 8th floors as outlined below. Contractors are to assume that these restrooms are to be built out of sequence with the rest of the work in the area.</p> <ul style="list-style-type: none"> a. TC-030 Plumbing Interiors Contractor shall provide (5) toilets, (3) urinals, (4) restroom sinks, (2) hand washing stations, (2) electric water heaters, (2) electric exhaust fans. b. TC-030 Plumbing Interiors Contractor to provide labor and material to gain approval for use of permanent SW&V and DW stacks for temporary toilets. c. TC-030 Plumbing Interiors Contractor shall provide all new sanitary, vent, and domestic water piping to these fixtures including any rework needed for these systems to function. d. TC-030 Plumbing Interiors Contractor to include any permitting and fees needed to use these restrooms in a temporary basis. e. TC-030 Plumbing Interiors Contractor shall maintain these restrooms for the duration of their contract. This includes, but is not limited to scoping sanitary lines, cleaning lines of clogs, maintaining equipment as specified, etc. f. TC-032 Electrical Interiors Contractor to run power to all temporary exhaust fans and temporary water heaters within all temporary restrooms. g. TC-032 Electrical Interiors Contractor to provide (6) 2’x4’ LED Lights for each temporary restroom with a switch for each individual restroom. h. TC-029 Drywall and Ceilings Contractor shall include all layout and framing for the temporary restrooms <ul style="list-style-type: none"> i. Assume these to be rooms 14A, B, C, and D in Area B on each respective floor. The intent is to install these in the place of the permanent restrooms. ii. Assume the installation of temporary drywall and 8’ tall plastic laminate wall covering on the interior of each respective restroom. i. TC-034 Interior General Trades to include: <ul style="list-style-type: none"> i. Temporary counters and storage ii. One (1) Temporary Mirror in each respective restroom iii. Temporary HM frames, HM doors, and typical hardware for each doorway shown. iv. Temporary plywood stall enclosures including latching doors with full plastic laminate covering. v. Temporary restroom accessories. <ul style="list-style-type: none"> 1. (1) Toilet paper holder per stall 2. (3) Paper towel dispensers 3. (3) Soap dispensers j. TC-032 Electrical Interiors Contractor shall include installing security cameras near each of these entrances. Include running power off the temporary power system. k. All BP-05 Contractors to include demolition, removal, and rework as necessary (associated with their individual scope of work) for the permanent restroom installation. <ul style="list-style-type: none"> i. This includes the removal of the drywall and replacement of tile backer board
<p>22.</p>	<p>TC-034 Interior General Trades contractor to provide, maintain, and remove each when directed by the CM Entry/Exit Vestibules. Contractor is to assume these to be at Basement 000D, 1st floor 100F, 1st floor 100D1, and 1st Floor 100B.</p> <ul style="list-style-type: none"> a. Assume that each vestibule shall be a plywood structure with a set of 4’x8’ double doors both exterior and interior with self closing hinges. b. Assume each structure to go from floor to deck and is in place of the walls shown in these vestibules.
<p>23.</p>	<p>TC-034 Interior General Trades contractor to provide, maintain, and remove each when directed by the CM fifty (50) 24” barrel fans and extension cords. Contractor to assume these will be placed throughout the building and periodically need to be relocated at discretion of CM. (ADD #2)</p>

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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting

January 7th, 2025
Pre-Bid Meeting

UK-2564.0-16-25

TC-029: Drywall and Ceilings

TC-030: Plumbing

TC-031: Mechanical

TC-031A: Mechanical and Plumbing Combo

TC-032: Electrical

TC-033: Technology

TC-033A: Electrical and Technology Combo

TC-034: Interior General Trades

TC-035: Spray Foam Insulation

TC-036: Doors and Hardware

TC-037: Architectural Woodwork

TC-038: Medical and Lab Equipment

TC-039: Flooring

TC-040: Tile and Terrazzo

TC-041: Paint

TC-042: Interior Glazing and Storefronts



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UK Construct Health Education Building *Bid Package 05 Interiors Pre-Proposal Meeting*

Agenda

1. **Introduction of Project Team**
2. **Review of Procurement Process**
Mason Thompson, Turner Construction
Ken Scott, UK Purchasing
3. **Review of Project Scope, Schedule and Site Logistics**
Greg Kessler, Turner Construction
4. **Review Project Safety Requirements**
Tim Sanford, Turner Construction
5. **Review Proposal Format and Content**
UK Purchasing and Turner Construction
6. **Questions & Site Tour**



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UK Construct Health Education Building
Bid Package 05 Interiors Pre-Proposal Meeting

1

Introduction of Project Team

Mason Thompson, Turner Construction



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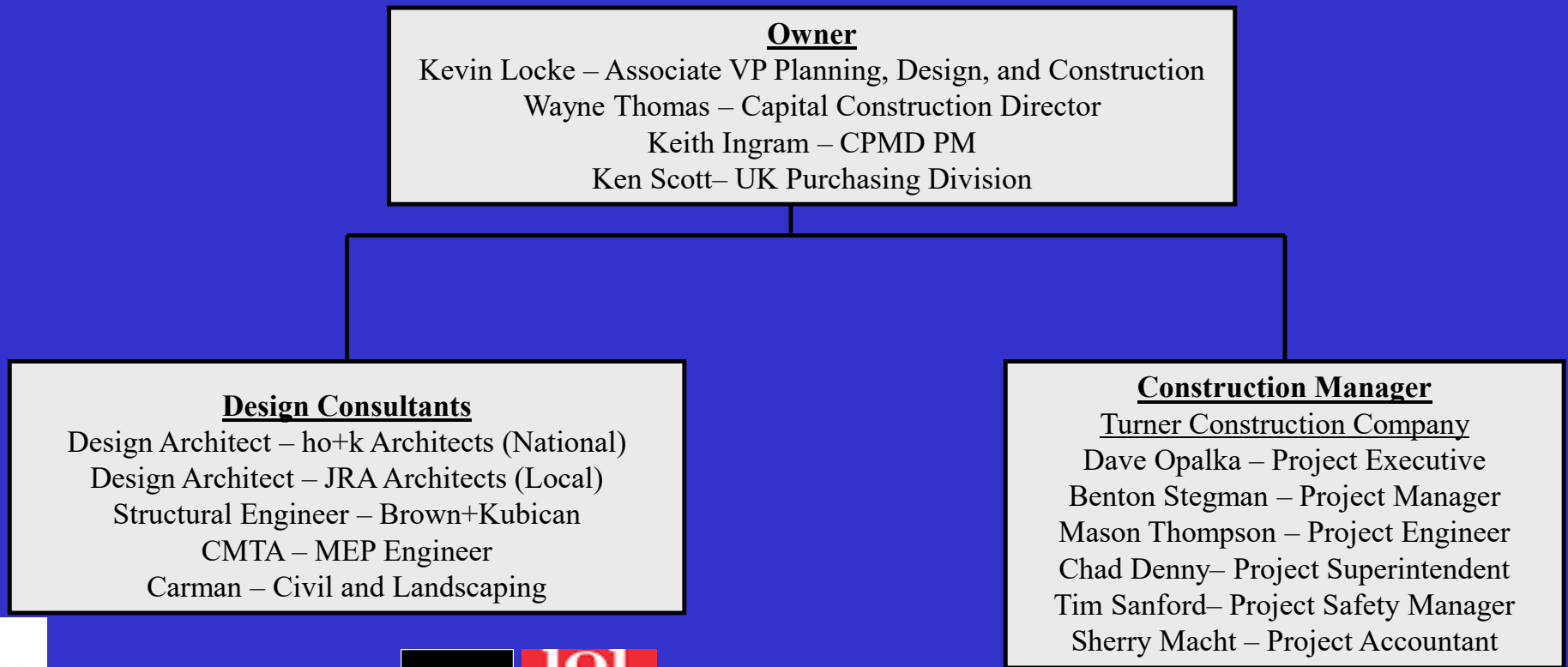
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Bid Package 05 Interiors Pre-Proposal Meeting

2

Review of Procurement Process

*Ken Scott, UK Purchasing
Mason Thompson, Turner Construction*



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UK Construct Health Education Building *Bid Package 05 Interiors Pre-Proposal Meeting*

- **Bid Submission**
 - *Wednesday January 29th, 2025 at 3:00 PM (Lexington Time)*
 - *Peterson Building, Room 322 (Directly to UK Purchasing)*
 - *Post-Bid Review: TBA*
 - **Confirmation of Receipt of Bid Package Documents and Addenda**
- **Due Date for Submission of Written Questions**
 - *Wednesday January 15th, 2025 at 1:00 pm (Lexington Time)*
 - *All questions must be submitted in writing and must be submitted to Ken Scott at cckbidquestions@uky.edu*
 - *Reference Project UK-2564.0-16-25*
 - **Note: Offerors shall NOT submit their standard terms and conditions.**



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UK Construct Health Education Building
Bid Package 05 Interiors Pre-Proposal Meeting

3

Review of Project Scope, Schedule & Site Logistics

Greg Kessler, Turner Construction



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UK Construct Health Education Building *Bid Package 05 Interiors Pre-Proposal Meeting*

- **This package involves the Interior Phase Services that include Drywall and Ceilings, Plumbing, Mechanical, Mechanical and Plumbing Combo, Electrical, Technology, Electrical and Technology Combo, Interior General Trades, Spray Foam Insulation, Doors and Hardware, Architectural Woodwork, Medical and Lab Equipment, Flooring, Tile and Terrazzo, Paint, and Interior Glazing and Storefront for the UK Construct Health Education Building.**
 - *Project is a new build located at the corner of Huguelet and University Dr.*
 - *Project is directly adjacent to The Whitney Hendrickson Cancer Facility and other occupied buildings*
 - *Project is approx. 510,000 sq. ft. and 10 stories (including penthouse). Building has a full basement.*
 - *The project will be the largest academic building on campus. The North wing is primarily Academic, and the South wing is mostly Workplace.*
- **The work will be performed under contract with the Construction Manager, Turner Construction Company.**



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Previous Bid Packages

• **BP-01**

- Site Electric
- Curtain Wall
- Precast
- Elevators

• **BP-02**

- Site Utilities
 - Water, Steam, Chilled Water, Sewer, Storm

• **BP-03**

- Structural Steel

• **BP-04**

- MEP Risers (Mechanical, Plumbing, Elec/Tech)
- Fire Protection
- Roofing
- Masonry
- Fireproofing
- Miscellaneous Steel

• **Direct Equipment Purchases**

- Electrical Distribution
- Generator/ATS
- AHUs



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting



Alternates

- 5 Alternates
- Reference Spec 01 2300 and Sheets G-110 – G-115.
- Sheets for each respective discipline will show effect of each Alternate.
- Pricing for Alternates shall be good for 120 calendar days from Bid Date.
- On Form of Proposal, each TC to fill out Add/Deduct Pricing for each Alternate.

Alternate 1: Completion of Selected Academic Areas

- Provide fully finished interior academic spaces as detailed on Drawings G-110 through G-115. Within the identified alternate area, provide all wall finishes, interior studs, flooring, ceiling finishes, or interior design features are included in the Alternate. These spaces will include complete mechanical, electrical, and plumbing (MEP) systems in accordance with the specifications outlined in the MEP Drawings. The finished spaces will be fully functional and ready for immediate use.
 - Base Bid: Provide unfinished interior academic spaces as detailed on Drawings G-110 through G-115.

→ **ADD / DEDUCT \$** _____

LIST OF ALTERNATES		
	ALT #1	ACADEMIC AREAS
	ALT #2	WORKPLACE AREAS
	ALT #3	WOOD PANELING
	ALT #4	PUBLIC CORRIDOR ENHANCEMENTS
	ALT #5	CORE INTERIORS ENHANCEMENTS
NOTE: DRAWINGS SHOWN WITH ACCEPTANCE TO ALTERNATES 1, 2, 3, 4, & 5		



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT “B” – SCOPES OF WORK....

- *TC-029: Drywall and Ceilings*
 - **Construction Phase Services**
 - All Non-Structural Metal Framing, Gypsum Wall Board, and Shaft Wall Assemblies
 - Cold-Formed Metal Framing
 - Gypsum Sheathing
 - Thermal Insulation
 - Expansion Joint Cover Assemblies that occur in walls and ceilings
 - Install Hollow Metal Frames in Drywall Partitions.
 - Metal Ceilings, Acoustical Panel Ceilings, & Wood Ceilings
 - Wall-Mounted Acoustic Panels & Sound-Absorbing Ceiling Units
 - BIM



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT "B" – SCOPES OF WORK....

- *TC-030: Plumbing*

- **Construction Phase Services**

- All Pipe, Pipe Fittings, Pipe Support, and Insulation for Domestic Water, Sanitary Sewer, Compressed Air, and Lab Gas Systems.
- Testing, Balancing, Lubrication and Adjustments.
- Plumbing Specialties, Fixtures, and Equipment.
- Generator Fuel Oil Storage Tank, Day Tank, Control Panel, Oil Pump, and Piping.
- Connections to Laboratory and Owner Provided Equipment.
- BIM
- Provide Startup, Testing and Commissioning for all equipment installed in this scope of work.



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT “B” – SCOPES OF WORK....

- *TC-031: Mechanical*

- **Construction Phase Services**

- All Pipe, Pipe Fittings, Pipe Supports, and Insulation for Mechanical Piping.
- Testing, Balancing, Lubrication and Adjustments.
- HVAC Equipment including Fan Coils, Reheat Coils, Humidifiers, Sound Attenuators, Exhaust Fan, VAV's, Electric Unit Heater, Baseboard Heaters, Hot Water Radiant Ceiling Panels.
- Registers, Grilles, Diffusers, and Ductwork.
- All Insulation for Ductwork.
- Thermometers and Monitoring Instruments.
- Install all Duct Smoke Detectors and Sample Tubes from Fire Alarm System Contractor.
- Connections to Laboratory and Owner Provided Equipment.
- Provide Startup, Testing and Commissioning for all equipment installed in this scope of work.
- BIM



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT "B" – SCOPES OF WORK....

- *TC-031: Mechanical Cont.*
 - **Construction Phase Services**
 - HVAC Controls has been issued as a separate stand-alone RFP. It is the expectation that this Mechanical contractor will enter into a contract with ATS Integrated Solutions for the Interior Fit Out portion. Contact information is provided in the contract documents and this scope of work is issued as an allowance.



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT "B" – SCOPES OF WORK....

- *TC-031A: Mechanical and Plumbing Combo*
- **Construction Phase Services**

- This trade contractor shall provide a combo of all materials, labor, tools, and equipment listed in TC-030 Plumbing and TC-031 Mechanical.



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT “B” – SCOPES OF WORK....

- *TC-032: Electrical*

- **Construction Phase Services**

- Pathways, wiring and devices for all electrical systems
- Pathways, and wiring for all AV back boxes furnished and installed by TC-033 Technology
- Power to roller window shades
- 120v and higher power to all door hardware
- Install and tie in of owner purchased emergency generator, and owner furnished boom lights
- Fire alarm
- Lighting and Lighting Controls
- BIM
- Lightning Protection system
- Power connections to all Lab equipment and OFCI items
- Grounding and Bonding



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT “B” – SCOPES OF WORK....

- *TC-033: Technology*
 - **Construction Phase Services**
 - All pathways and cabling for low voltage systems – Conduit and Cable tray
 - Pathways and back boxes only for AV and Med Simulation
 - Perimeter Security System
 - Video Surveillance System
 - Grounding and bonding of low voltage systems
 - Low voltage for door hardware at all doors and in storefronts
 - BIM



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT "B" – SCOPES OF WORK....

- *TC-033A: Electrical and Technology Combo*
- **Construction Phase Services**

- This trade contractor shall provide a combo of all materials, labor, tools, and equipment listed in TC-032 Electrical and TC-033 Technology.



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT "B" – SCOPES OF WORK....

- *TC-034: Interior General Trades*

- **Construction Phase Services**

- Decorative Metal and Glazed Decorative Metal Railing
- Canopy Roofing System
- Expansion joints in floors
- Installation of all hollow metal and wood doors and hardware
- Auto Operators
- ICU Entrances
- Accordion Fire/Smoke Doors
- Coiling Smoke Curtains and Coiling Security Grilles
- Retractable Acoustic Walls
- Folding Panel Partitions
- Plastic Laminate Lockers
- Roller Window Shades
- Fixed Tables
- Final Cleaning
- Mirrors
- Glazing (Partial)
- Cubicle Curtain Track
- Wire Mesh Partitions
- Toilet Accessories
- Fire Extinguishers and Cabinets



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT "B" – SCOPES OF WORK....

- *TC-035: Spray Foam Insulation*
 - **Construction Phase Services**
 - Spray foam at 2 exterior stairwells, up the entire height of the building.



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT "B" – SCOPES OF WORK....

- *TC-036: Doors and Hardware*
 - **Construction Phase Services**
 - Hollow Metal Doors and Frames
 - Flush Wood Doors
 - ICU, Access Doors, and Exterior Doors will be provided by others.
 - Door Hardware
 - Electrified Hardware
 - Glazing and Fire-Rated Glazing in Flush Wood and Hollow Metal Doors



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT "B" – SCOPES OF WORK....

- *TC-037: Architectural Woodwork*
 - **Construction Phase Services**
 - Architectural Woodwork
 - Wood Slat Walls, Wall Paneling and Trim, Wood Base, Electric Panel Covers
 - Plastic laminate Cabinets
 - Plastic Paneling
 - Plastic Resin Fabrications
 - Solid Surface and Quartz Countertops



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT “B” – SCOPES OF WORK....

- *TC-038: Medical and Lab Equipment*
 - **Construction Phase Services**
 - Laboratory Equipment
 - Fume Hoods and Exhaust Devices
 - Laboratory Sterilizers
 - Installation of Biological Safety Cabinets
 - Examination and Treatment Equipment
 - Surgical Lights, Headwalls, Scrub Stations, Patient Lifts
 - Pathology Equipment
 - Laboratory Casework
 - Controlled Environmental Rooms



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT “B” – SCOPES OF WORK....

- *TC-039: Flooring*
 - **Construction Phase Services**
 - Floor Prep
 - Synthetic Turf
 - Resilient Sheet Flooring and Base
 - Resilient Tile Flooring
 - Resilient Athletic Flooring
 - Tile Carpeting
 - Floor Protection
 - This entire scope will be done on 2nd shift Starting at 5:30 PM



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT "B" – SCOPES OF WORK....

- *TC-040: Tile and Terrazzo*
 - **Construction Phase Services**
 - Floor Prep
 - Floor Protection
 - Ceramic Tiling
 - Terrazzo
 - Resinous Flooring
 - This entire scope will be done on 2nd shift Starting at 5:30 PM



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT "B" – SCOPES OF WORK....

- *TC-041: Paint*
 - **Construction Phase Services**
 - Interior and Exterior Paint including but not limited to masonry, concrete, steel, galvanized metals, gypsum, aluminum, etc.
 - Wallcovering
 - High Performance Coatings
 - Concrete Floor Sealer



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UK Construct Health Education Building Bid Package 05 Interiors Pre-Proposal Meeting Project Scope Key Items

1. ATTACHMENT "B" – SCOPES OF WORK....

- *TC-042: Interior Glazing Storefronts*
 - **Construction Phase Services**
 - Aluminum Framed Entrances and Storefront Assemblies
 - Coordinate all power, data, and security requirements with TC-032 Electrical and TC-033 Technology contractors.
 - Verify storefront frames are plumb and level in all Flush Wood Doors.
 - Decorative Glass Glazing
 - Decorative Glass Wall Cladding
 - Glazing and Fire Rated Glazing in all glazing storefront assemblies.



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UK Construct Health Education Building *Bid Package 05 Interiors Pre-Proposal Meeting*

Project Scope Key Items

GENERAL WORK REQUIREMENTS

▪ **Applicable to all TC's**

- All subcontractor pay applications will be per Textura-CPM – please review fees per General Work Requirements.
- Electronic DCR, Safety Forms, and QA/QC will be utilized on this project for quality management through Pro-Core.
- UK Project Management Software - eComm
- Each Trade contractor and their subs are required to have iPads.
- Off hour work may be required. Make sure to review ALL project information.
- Contractor responsible for daily clean up of work area and transporting daily debris to project dumpster(s)
- 2% of labor hours for composite clean crew



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UK Construct Health Education Building *Bid Package 05 Interiors Pre-Proposal Meeting*

Project Scope Key Items

GENERAL WORK REQUIREMENTS, cont.

- **TC-029 Drywall & Ceilings**
 - Temporary Restroom Fitout
- **TC-030 Interior Plumbing**
 - Temporary Restroom Fitout
 - Temporary Water
- **TC-032 Interior Electrical**
 - Temporary Restroom Fitout
 - Temporary Power Maintenance
- **TC-034 Interior General Trades**
 - Temporary Restroom Fitout
 - Fire Extinguishers
 - Dumpsters
 - Full Time Yard Boss
 - Buckhoist Rental
 - Maintenance of Temporary Construction Elements



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UK Construct Health Education Building *Bid Package 05 Interiors Pre-Proposal Meeting*

Project Scope Key Items

6. ATTACHMENT "E" – ACCOUNTNG PROCEDURES
 - Textura will be used for pay applications
7. ATTACHMENT "F" – PERCENTAGE MARKUP
 - The total allowed mark up on change orders will be 10% for the entirety of the change order.
8. ATTACHMENT "I" – LEAN SUBCONTRACT EXHIBIT
 - WWP will be submitted from each contractor on a weekly basis
 - Daily huddles and weekly subcontractor meetings will be held with onsite foreman.
9. ATTACHMENT "P" - EQUIPMENT RESPONSIBILITY MATRIX



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Project Schedule Key Items

12. ATTACHMENT "G" – BID SCHEDULE

- Refer to Attachment G for Project Milestone Schedule

• MEP Interior Rough In	Apr. 2025 to Jul. 2026
• Interior Finishes	Jun. 2025 to Oct. 2026
• Service Elevator Use	Nov. 2025
• Substantial Completion	Nov. 2026



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Project Scope Key Items

9. ATTACHMENT “K” - CONTRACTOR CONTROLLED INSURANCE PROGRAM (CCIP)

- ALL Contractors will be required to enroll in the CCIP.
- Turner is responsible for ONSITE Coverage, Trade Contractors and Sub Tiers are responsible for Auto and OFFSITE Coverage
- The CCIP Manual is considered a contractual document.
- All TSIB forms in the CCIP manual are required to be submitted and approved by TSIB prior to starting work.
- All Lower Tier Subcontractors will be required to enroll in the CCIP and complete TSIB forms as well. It will be the Prime Contractors responsibility to ensure that lower tier subs are enrolled and compliant prior to starting work on site.
- Each Prime Contractor and Lower Tier Subcontractors are required to submit a Form-4 Payroll report to TSIB every month that you are enrolled on the project. This is not the same as the Certified Payroll Reports.



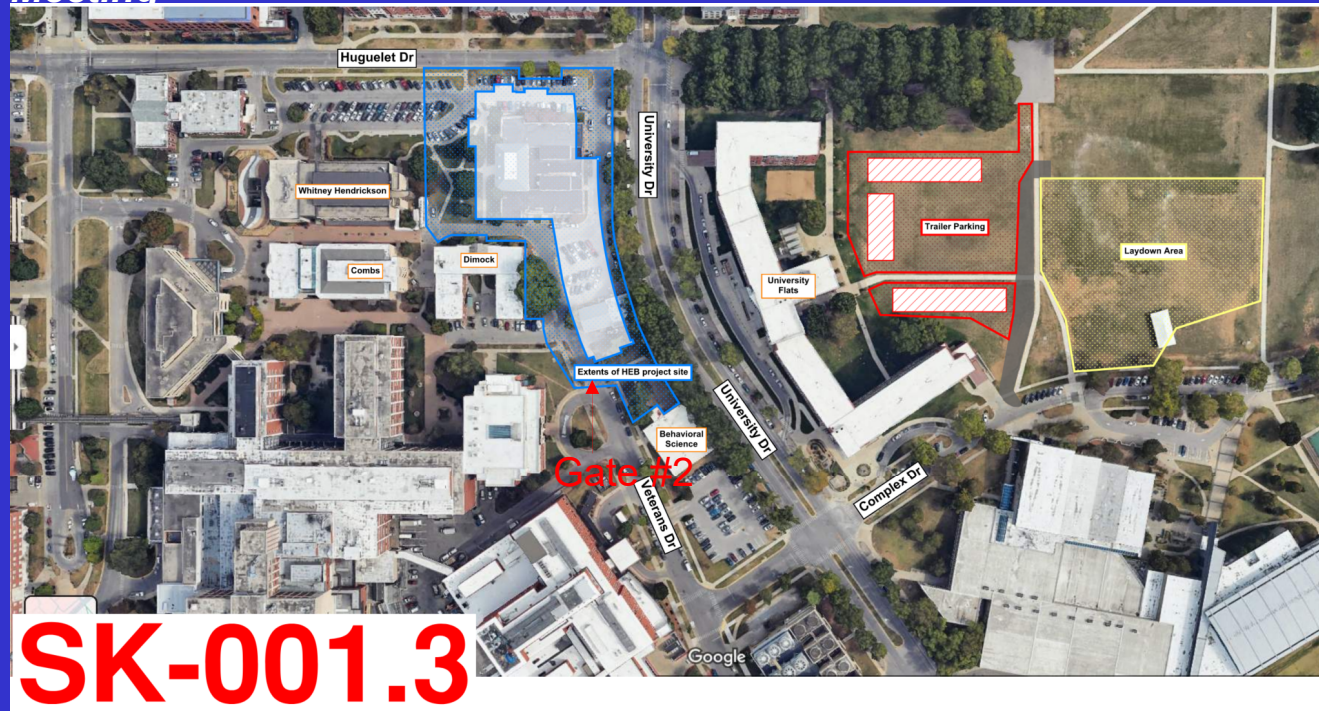
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Project Logistics Key Items

SK001 – Site Logistics

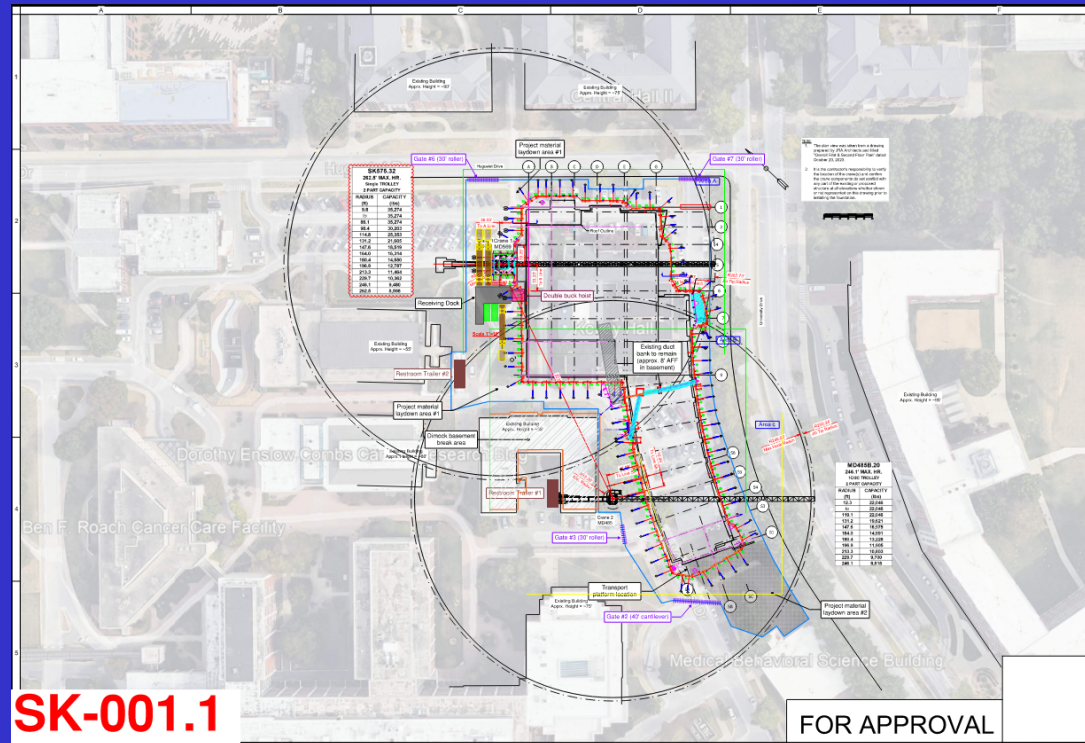
- Tower Cranes are located on the West side of the buildings.
- Site restrictions exist due to preserving trees near the site. Single lane road around the site.
- Limited laydown. Project will be a “just in time” delivery
- Primary entrance is via gate #2 off Veterans drive
- Flagging will be required for major deliveries that may impede normal traffic flow on Huguelet Dr.
- Trailers and Laydown area will be behind University Flats.



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Project Logistics Continued



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4

Review Project Safety Requirements

Tim Sanford, Turner Construction



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Project Safety Requirements

- Compliance with Turner Jobsite Safety Program – Attachment C
- Building L.I.F.E. principles will be fully integrated into all facets of the Project – READ THROUGH THIS. This is an updated program for 2024. Each contractor’s foremen are required to attend Building L.I.F.E. training before beginning work.
- Negative Drug Test required to start onsite – costs paid by TC’s Tobacco Free Campus
- Hardhats, Safety Glasses, High Vis, and Gloves (cut level 4 minimum) are required 100%. Cut rated sleeves when arms are exposed to cut hazards (metal framing, above ceiling, pull boxes, etc.) Spoggles or face shields required for over-the-shoulder work.
- Reference TCCO safety policy (Attachment C). Hard Hats should be Either EN12492 or ANSI Type II with a 4-point chin strap.
- OSHA 30 Hour for Supervisor/foreman, 2 people must have OSHA 30 on contracts over \$5 million on site at all times.
- Full-time safety manager required for contracts anytime staff is over 25.(Requirements in Attachment C)
- Each contractor must have a competent person on site AT ALL TIMES to perform any work.
- Crane usage requires: 3rd party annual inspection, plan review with CM, and operator certified by an accredited testing organization.
- All dual handle bandsaws must be equipped with a dual trigger design.
- All temporary work platforms and access systems shall be inspected by qualified third party or manufacturer representative (after installation and quarterly)



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UK Construct Health Education Building *Bid Package 05 Interiors Pre-Proposal Meeting*

Project Safety Requirements (cont.)

- Each contractor will be required to preform a Pre-Task Plan after stretch and flex before starting work every day. These will be an in depth review with the workers to determine what work will be done for that day, what the hazards are associated with this work, and how to mitigate these hazards. The workers will initial out at the end of the day and the contractor will submit this digitally.
- All equipment should have back up alarms, and operators wear seat belts in cab.
- Certifications and training required for anyone operating equipment, lifts, working at heights, scaffolds, etc.
- Operations of heavy equipment require a pre-planning meeting to coordinate with CM and trades on site.
- Nothing Hits the Ground – Practice good construction practices. We expect all materials able to be readily movable (pallets, dunnage, etc.) and that cutting is completed off the ground and in a manner where cleanup is part of the activity.
- 100% Fall protection when working 6' and above –written fall protection plan will be required. Contractor to supply the correct fall protection for the task. 100% fall protection required when working in any lifts.
- Ladders last program- Ladders are last option to work at heights (scaffolds, lifts, stairs) to be first option.
- Workers exposed to crystalline silica must complete exposure control plan.



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Bid Package 05 Interiors Pre-Proposal Meeting

5

Review Proposal Format & Content

Mason Thompson, Turner Construction



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UK Construct Health Education Building *Bid Package 05 Interiors Pre-Proposal Meeting*

Proposal Format & Content

- Proposal and Work Category Description
 - Proposal must be signed
 - Addenda (if any) must be acknowledged
- Hourly Rates, and materials list must be filled out
- Bid Bond
- Authentication of Bid
- Business Classification
- Payment and Performance bonds are NOT to be included base bid price.



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UK Construct Health Education Building *Bid Package 05 Interiors Pre-Proposal Meeting*

Bid Form – Must fill out all blanks (including alternates)

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____) **BIDDER MUST TURN IN BID BREAKOUT SHEET WITH THIS FORM OF PROPOSAL**
(USE FIGURES)



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Bid Form – Bid Breakout

- This must be completed for bid to be accepted

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Shop drawings and Submittals					\$
2	Safety and Housekeeping					\$
3	Project Management					\$
4	General Work Requirements					\$
5	Deliveries					\$
6	Hollow Metal Doors and Frames					\$
7	Flush Wood Doors					\$
8	Door Hardware					\$
9	Door Hardware Consultant					\$
10	Glazing					\$
11	Overhead & Profit					\$
Please list and <u>breakdown</u> below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$3,000
Total Labor Hours = _____						
TOTAL BID AMOUNT						\$
(This amount should match the Lump Sum listed on Form of Proposal)						
Cost of Payment & Performance Bond						\$
(DO NOT INCLUDE THIS COST IN BID AMOUNT)						



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Questions

Mason Thompson, Turner Construction



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Questions

- All questions must be submitted in writing at cckbidquestions@uky.edu
- Reference Project CCK-2564.0-16-25

