

REQUEST FOR PROPOSALS

UK Agriculture Research Facility 1 – Early Subcontractor Involvement Greenhouse
Project #2617.0-2-24
ADDENDUM # 2
4/2/2024

IMPORTANT: PROPOSAL MUST BE RECEIVED BY 04-09-2024 @ 3:00 P.M. LEXINGTON, KY TIME

Offer should acknowledge receipt of this and any addendum as stated in the Request for Proposals.

Item No. 01 Pre-Bid Meeting Slideshow

See attached Pre-Bid Meeting slideshow for reference.

Item No. 02 Updated Textura maximum fee.

Updated Attachement 3A, section F Special Requirements – Application for Payment. Revised to: "Application for Payment: Unless otherwise directed or authorized, in writing, by Contractor, 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 Textura-CPM™ 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' subsubcontractors and suppliers are a fixed fee of \$100 per sub-subcontractor or supplier contract."

Item No. 03 Question and Response Log

See attached question and response log.

OFFICIAL ADDDOMAL

UNIVERSITY OF KENTUCKY	SIGNATURE
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Corey W. Leslie. AD Construction Procurement	Typed or Printed Name

1 of 1 April 2, 2024

CICNATURE

UK Agricultural Research Facility 1

Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

March 26, 2024

Pre-Proposal Conference

UK-2617.0-2-24

TC-001: Greenhouses





UK Agricultural Research Facility 1

Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

Agenda

- 1. Introduction of Project Team
- 2. Review of Procurement Process

Ben Noble, Turner Construction

Corey Leslie, UK Purchasing

3. Review of Project Scope, Schedule and Site Logistics

Stephanie Sharp, Turner Construction

4. Review Project Safety Requirements

Ben Noble, Turner Construction

5. Review Proposal Format and Content

UK Purchasing and Turner Construction

6. Questions



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Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses



Ben Noble, Turner Construction



UK Agricultural Research Facility 1

Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

Owner

Kevin Locke – Capital Construction Director Angela Powell– CPMD PM Corey Leslie – UK Purchasing Division

Design Consultants

Design Architect – Flad Architects Laboratory Designers
Design Architect – BHDP Architects Architect/Interior Designers
Structural Engineer – THP
MEP Engineer – CMTA
Civil and Landscaping – Bell Engineering

Construction Manager

Turner Construction Company
Dave Opalka – Project Executive
Ben Noble – Project Manager
Stephanie Sharp – Project Engineer
Thomas Bryant – Project Superintendent
Travis Evans – Project Safety Manager
Sherry Macht – Project Accountant



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Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses





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Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

- Bid Submission
 - Friday April 9th, 3:00 PM (Lexington Time)
 - Peterson Building, Room 322 (Directly to UK Purchasing)
 - Post-Bid Review: TBA after RFP submission
- Confirmation of Receipt of Bid Package Documents and Addenda
- Due Date for Submission of Written Questions
 - Friday March 29th, 2023 at 3:00 pm (Lexington Time)
 - All questions must be submitted in writing and must be submitted to Corey Leslie at Corey.Leslie@uky.edu
- Note: Offerors shall NOT submit their standard terms and conditions.



UK Agricultural Research Facility 1 *Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses*



Review of Project Scope, Schedule & Site Logistics

Ben Noble, Turner Construction



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Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

- This package involves the Preconstruction Assistance services and Construction Phase Services for the UK Agricultural Research Facility 1 - Greenhouses.
 - Project is a new build located on Farm Road directly in front of the UK Football Stadium.
 - Project is adjacent to the UK Plant Sciences, Tabacco Research, Good Barn and Barnhart Buildings
 - Project is approx. 260,000 sq.ft. and 5 stories (including rooftop greenhouses). Building has no basement.
 - Majority of the Greenhouses will be rooftop at the 5th floor level
- The work will be performed under contract with the Construction Manger, Turner Construction Company



UK Agricultural Research Facility 1 Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

Project Scope Key Items

- 3. <u>GENERAL WORK REQUIREMENTS</u> Specific contractors have work items listed that need to be included in your bid cost.
 - Project will have exterior vertical transportation (construction hoist) for this project and will be utilizing the service elevator once in operation.
 - Tower Cranes will not be present at the time of Greenhouse installation. This contractor to include all equipment needed.
 - 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.
 - Each Trade contractor and their subs are required to have cellular 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)
 - UK Project Management Software eCommunications



UK Agricultural Research Facility 1 Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

Project Scope Key Items

4. GENERAL ITEMS

- Contractor Parking:
 - Single connex box can be accommodated for storage and office trailer, not provided by others.
 - Parking locations will require the purchase of passes from the University.
- MBE/WBE Inclusion
 - University of Kentucky inclusion goal for MBE/WBE is 10%
 - Each Prime Contractor will be required to submit MBE/WBE % of contracted work awarded with each payment application.



UK Agricultural Research Facility 1 Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

Project Scope Key Items

- 1. ATTACHMENT "B" SCOPES OF WORK....
 - TC-001: Greenhouse
 - Preconstruction Assistance Services to the Design Team
 - Design of the final connections and attachments to the structure.
 - Confirmation of the structure vs loads of greenhouses
 - Engagement with the design team to finalize the overall look and performance of the greenhouse for a complete system.
 - Delegated design for all structural components provided by this contractor.
 - Construction Phase Services
 - Complete installation of roof and green greenhouses.
 - Included all specialty equipment for a complete system.
 - MEP's by others will be determined as the Preconstruction Assistance Services are finalized.
 - Review Narrative in the RFP for complete scope of work.



UK Agricultural Research Facility 1 Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

Project Scope Key Items

- 6. ATTACHMENT "E" ACCOUNTNG PROCEDURES
 - Textura will be used for pay applications
- 7. ATTACHMENT "F" PERCENTAGE MARKUP
 - Contractors and sub contractors will each receive 10% markup on change orders
- 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 "J" ELECTRONIC AGREEMENT
 - A copy of the design model to aid the bidders to better understand the overall design of the building and façade.
 - This document must be signed and returned in order to gain access to this model.



UK Agricultural Research Facility 1

Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

Project Schedule Key Items

12. ATTACHMENT "G" – BID SCHEDULE

Refer to Attachment G for Project Milestone Schedule

• Early Subcontractor Involvement START	04/22/24	
Core & Shell CDs Complete	06/10/24	
 Structural Steel and Concrete Complete 	08/12/25	
Roofing Complete	12/12/25	
Project Substantial Completion	10/16/26	



UK Agricultural Research Facility 1 Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

Project Scope Key Items

- 9. ATTACHMENT "L" 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

- Material Deliveries will come off Limestone or University Dr.
- Laydown area will be provided as needed.





UK Agricultural Research Facility 1 Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses



Review Project Safety Requirements

Ben Noble, 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 <u>READ THROUGH THIS</u>. This is an updated program for 2024.
- Negative Drug Test required to start onsite costs paid by TC's
- Hardhats, Safety Spoggle Glasses, High Vis, and Gloves are required 100%.
- OSHA 30 Hour for Supervisor/foreman (1 person onsite per contractor)
- Tobacco Free Campus & Jobsite
- Each contractor must have a competent person on site <u>AT ALL TIMES</u> to perform any work.
- Each contractor's foremen are required to attend Building L.I.F.E. training before beginning work.
- Any signaling shall be by a qualified signal person.
- Rigging must be done by qualified rigger and shall inspect rigging before each use.



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Project Safety Requirements (cont.)

- All scissor and boom lifts to have shroud or guard over the joystick/controls. Scissor lifts to have "timeout" feature
 which disables the lift/lower and drive functions. Boom lifts to have anti-crush or secondary guard technology
- 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 fall protection plan will be required. Contractor to supply the correct fall protection for the task.
- 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.
- 100% fall protection required when working in any lifts.



UK Agricultural Research Facility 1

Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses



Review Proposal Format & Content

Ben Noble, Turner Construction



UK Agricultural Research Facility 1

Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

Proposal Format & Content

- Form of Proposal and Work Category Description
 - Bid must be signed
 - Addenda (if any) must be acknowledged
- Hourly Rates, MBE/WBE form, and materials list must be filled out
- Authentication of Bid
- Business Classification
- 5% Bid Bond
- Payment and Performance bonds are NOT to be included base bid price.
- UK RFP Bidding format



UK Agricultural Research Facility 1

Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

Bid Form - Must fill out all blanks (including alternates)

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(USE WORDS)	DOLLARS AND	(USE WORDS)	CENTS.
(\$	BIDDER MUST TURN IN BID BREAKOUT SHEET WITH THIS FORM OF PROPOSAL		



UK Agricultural Research Facility 1

Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses

Bid Form - Bid Breakout

This must be completed for bid to be accepted

PROPOSAL NO. UK-2617.0 Fill in the following breakdown of costs included in your base offer. Each item is to include labor, material & equipment. These will neither be considered unit prices nor will the numbers listed here limit obligations required in the solicitation documents. It will be used only to aid in verifying completeness of the offers. DESCRIPTION OF WORK COST INCLUDED IN OFFER Greenhouse Speciality Equipment Teaching Greenhouse Remaining work not listed above, Overhead & Profit TOTAL BASELINE AMOUNT (SHOULD MATCH PROPOSAL) Additional Financial Commitment In addition to the financial offers, please propose a financial commitment to assist the University. Options may include a signing bonus, scholarships, internships, commitment to hire University Graduates or a (%) percentage rebate. 8.6 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 Offerors will be required to complete and submit the following information <u>with the proposal</u>. The information requested in this submittal is required to assist the University in determining contractor responsibility to complete the project being bid. DESCRIPTION OF WORK UNIT PRICE Rooftop Greenhouse



UK Agricultural Research Facility 1 *Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses*





UK Agricultural Research Facility 1 *Early Subcontractor Involvement Pre-Proposal Meeting - Greenhouses*

Questions

All questions must be submitted in writing and must be submitted to Corey Leslie at Corey.Leslie@uky.edu



CCK-2617.0-2-24 Question and Response Log

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	4/2/2024		
#	Question	Responder	Response
1	Bullet point two under section 2.1 (Intent of Scope) states that "this request for proposal includes preconstruction assistance to architect". Can you please confirm that the scope of greenhouse contractor's of work will not include the development of the electrical, mechanical, and/or plumbing specifications/drawings associated to the greenhouse (this work is usually performed by the architect and/or engineer supporting the hard structure)?	Turner Construction	Successful bidder will not be responsble for producing drawings or specifications. It is the intent of the early subcontractor involvement to provide support and provide recommendations to the design team to develop a complete set of MEP & structural specifications and drawings associated with the greenhouse. It is expected that the successful bidder will regurly attend preconstruction and design meetings to assist in the development of the project drawings and specifications.
2	Bullet point three under section 2.1 (Intent of Scope) states that "contractor chosen has to provide turn-key installation with full functionality". Can you please confirm that the greenhouse contractor's scope of work during construction will be the erection and glazing of final greenhouse structure and placement of environmental equipment supplied by the greenhouse contractor (all other mechanical, electrical, plumbing, and concrete work would be completed by other trades contracted by Turner Construction)?	Turner Construction	Confirmed.
3	Section 7.1 (Detailed Services Defined) point #24 states "provide greenhouses complete in accordance with documents" and drawings which currently appear to be in the SD state. Is the intent of the greenhouse portion of the RFP to bid on Design Assist services necessary to bring the project to 100% construction documents or does the greenhouse contractor need to supply a preliminary GMP broken out in the formats listed in section 8.0 (Financial Summary)?	Turner Construction	This contractor to provide GMP for early subcontractor involvement services and construction phase for complete functioning greenhouses. Bid breakout items need to be representative of the GMP total for the early subcontractor involvement and construction phases.
4	If the answer to question 3 is that the greenhouse bid is for design assist services only, should a lump sum price only be submitted or is there a particular costs breakout that needs to be provided?	Turner Construction	See answer to Question #3.
5	Is a bid bond required for the RFP?	Turner Construction	Yes.
6	Does providing preconstruction assistance to the architect preclude a company from bidding on the greenhouse structure, equipment, and installation of the project?	Turner Construction	The intent is that the successful bidder for the RFP will be responsible for all preconstruction assistance, greenhouse structure, equipment, and installation as described by the scope of work and as finalized through the design process.
7	Will a list of the attendees at the pre bid meeting be shared?	Turner Construction	Provided. See attached "UK Ag Research 1 - Pre-Bid Meeting Attendees"
8	File uk-2617.0-2-24.pdf has 3 drawings for the greenhouses, would there be more drawings available showing grid dimensions and/or post location/dimensions etc.?	Turner Construction	Included. See attached "UK Ag Research 1 - Overall Building Dims_20240219"
9	For the greenhouse supplemental lighting for plants did the University have preferred lighting manufacturers in mind and if so who would they be?	BHDP - AJ Medina	There is no preferred lighting supplier
10	Will initial contract amount be issued as total RFP value?	Turner Construction	No. Early subcontractor invovlement costs of services will be issued at time of award. Construction phase costs of services will be issued at time of Core & Shell release (July 2024).



UK Agriculture Research Facility – UK 2617.0-2-24 – Early Subcontractor Involvement RFP Greenhouses Pre-Bid Meeting March 26, 2024 10:00 AM (ET)

Name	Company
Corey Leslie	University of Kentucky
Benjamin Noble	Turner Construction
Thomas Bryant	Turner Construction
Stephanie Sharp	Turner Construction
AJ Medina	BHDP Architects
Kelly Gardner	BHDP Architects
Ken Langendoen	Langendoen Mechanical, Inc.
Rob Tanzer	Prospiant
Chad Zuberbuhler	Flad Architects













