



# UNIVERSITY OF KENTUCKY Purchasing Division

## INVITATION FOR BIDS

CCK-2665-23

ADDENDUM# 1

10/14/2022

**ATTENTION: This is not an order. Read all instructions, terms and conditions carefully.**

**IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 11/04/2022 @ 3:00 P.M. LEXINGTON, KY TIME**

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

1. Please refer to and incorporate within the offer, the attached information from Omni Architects and CMTA.
2. If you have any questions, please contact Ken Scott at the number below or at [kenneth.scott@uky.edu](mailto:kenneth.scott@uky.edu).

**OFFICIAL APPROVAL  
UNIVERSITY OF KENTUCKY**

**SIGNATURE**

*Ken Scott*

10/14/2022

Contracting Officer / (859) 257-9102

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\_\_\_\_\_  
Typed or Printed Name

### **ADDENDUM NUMBER ONE**

Bidders shall conform to the following changes, as same shall become binding on the Contract to be issued in response to this Invitation to Bid.

#### **PROJECT INFORMATION**

1. **Building Access** – Access to the work zone of the building will be made via the existing freight elevator of the Chemistry-Physics Building. The primary entrance for construction workers will be the new loading dock.

#### **CORRECTIONS / CHANGES**

2. **Mechanical and Electrical Revisions** – Refer to the attached summary of mechanical and electrical changes by CMTA Engineers.

END OF ADDENDUM NO. 1

**UK Chemistry Physics Heat Exchanger  
ADDENDUM # 1- MEP                      10/13/2022**

**Item #1** Refer to the General Conditions

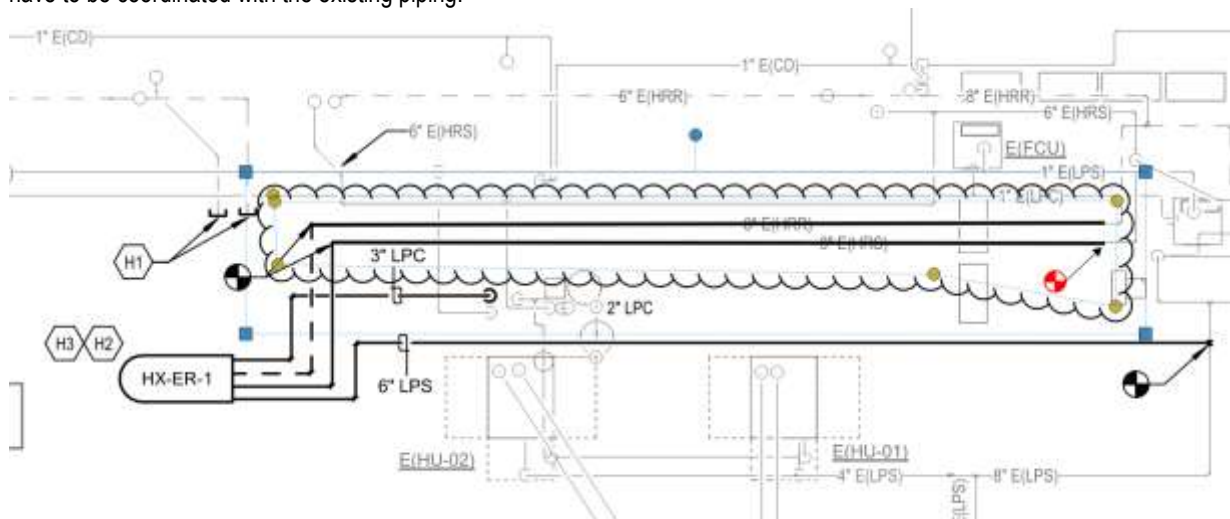
- A. The Contractor will have access to up to 8 parking spaces behind the Chemistry-Physics Building for the duration of the project.
- B. The Contractor will be required to obtain UK Identification Badges for their employees as these will be used to access the Building and Penthouse. The cost for these is \$25 per new badge.

**Item #2** Refer to Mechanical Drawing IC1.0

- A. The existing energy recovery coils are being demolished as part of this project. The controls shall take any points associated with those coils or the associated control valves on the piping to the coils offline. The motorized dampers at the discharge of the coils shall remain available.
- B. The existing bypass control valves shall be closed and not operated in the new sequence. All water shall flow through the AHU energy recovery coil which will act as a tempering coil.
- C. The existing energy recovery coils in the AHU's shall become the first stage of heat for these units. Once the reset schedule has reached its maximum temperature setpoint for the glycol loop and the AHU DAT cannot be met, then then steam preheat coils shall be utilized.
- D. Provide a flow switch at the new steam to hot water (glycol) heat exchanger. The pump shall be enabled and started when the outside air temperature setpoint is met. This pump is constant speed and does not include a VFD. The steam valves will modulate open to meet the glycol setpoint once flow is proven. If flow is not proven, the valves shall not be opened.
- E. The pump shall be monitored by the control system with an enable, status, and command point.
- F. The Mechanical Contractor shall carry the cost of the Controls Contractor in their Bid.
- G. Provide a BACnet/IP controller for this heat exchanger with a UPS. Coordinate a data drop with campus ITS.
- H. No point names shall include dashes per the UK Standard. All UK Standards apply to this project.

**Item #3** Refer to Mechanical Drawing M2.1

- A. Install new 8 inch piping to connect into where it is 8 inches existing. Demolish the run of 6 inch piping located in this same location. See sketch below for location.
- B. Remove existing abandoned RO water booster pump that is located next to where the new heat exchanger is located. Cut and cap existing 1 inch piping. Disconnect power source and turn the pump over to the Owner.
- C. Existing 2 inch condensate line is located under the proposed location of the heat exchanger. It may remain as located or the Contractor may offset the piping around the heat exchanger if they choose. If it remains, the heat exchanger support and piping will have to be coordinated with the existing piping.



**Item #4** Refer to Mechanical Drawing M2.2

- A. The removal of the energy recovery coils shall be scheduled with the Owner two weeks in advance. The project intent is to keep the overall exhaust system operational during this project and remove one set of energy recovery coils at a time. The energy recovery coils are located in the exhaust airstream in AHU modules located on the penthouse roof. Each energy recovery unit is associated with a set of Strobic fans. The connected set of exhaust fans shall be shut off when each energy recovery coil is demolished and the piping is capped. No more than one set of Strobic fans may be taken off line at a time.
- B. Where the exhaust duct connects to the energy recovery units on the penthouse roof before the exhaust fans, install a bird screen to act as a filter prior to the fan to prevent any lab wipes, tissues, etc caught in the airstream from being pulled through the fan once the coils are removed. There are 8 of these ducts that are approximately 66 inches in diameter.

END OF ADDENDA ITEMS