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

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY 08/07/2018 @ 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 answers to written questions.

2. Please refer to and incorporate within the offer, the attached updated drawings.

3. Pre-Bid Sign-In sheet attached.

OFFICIAL APPROVAL

UNIVERSITY OF KENTUCKY

SIGNATURE

Contracting Officer / (859) 323-5405

Typed or Printed Name
### Written Questions and Answers

CCK-2344-19  
Agricultural Science Building North, S304-S314 Renovation Project

<table>
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<tr>
<th>No.</th>
<th>Question</th>
<th>Answer</th>
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| 1.  | Have an estimated budget and start date been settled? | $45,000  
This project will commence immediately after the award process is complete. Likely late August - early September |
AGRICULTURAL SCIENCE BUILDING NORTH
ROOMS S304 - S314 RENOVATION PROJECT
PHASE 1 - ROOMS S312, S314, AND S314A
PHASE 2 - ROOMS 304, AND 304B

UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

DESIGN AND CONSTRUCTION ADMINISTRATION PROVIDED BY:
UK PLANNING DESIGN AND CONSTRUCTION GROUP
211 PETERSON SERVICE BUILDING
LEXINGTON, KY 40506

PROJECT DESCRIPTION
THIS PROJECT IS PHASE 1 AND 2 OF A LAB RENOVATION AND INCLUDES ROOMS S304, S304A, S312, S314 AND S314A.
IMPROVEMENTS INCLUDE UPGRADES TO CASEWORK, NEW SINKS, LED LIGHTING IN S304, NEW VESTIBULE IN S304 AND NEW CASEWORK AND DISHWASHERS IN S314.

ALTERNATIVE NO. 1:
ABATE AND REMOVE FUME HOOD IN ROOM S304 AND DEMO ALL ASSOCIATED UTILITIES.

07/22/2018
1

DRAWING INDEX
T-100  TITLE SHEET AND DRAWING INDEX SHEET
AD-130 PHASE 1 - ARCHITECTURAL DEMOLITION PLANS
AD-131 PHASE 1 - ARCHITECTURAL DEMOLITION PLANS
AD-132 PHASE 1 - ARCHITECTURAL DEMOLITION PLANS
A-001 ARCHITECTURAL GENERAL NOTES, ABBREVIATIONS, AND LEGEND
A-130 PHASE 1 - ARCHITECTURAL FLOOR AND REFLECTED CEILING PLANS
A-131 PHASE 1 - ARCHITECTURAL FLOOR AND REFLECTED CEILING PLANS
M-131 PHASE 2 - MECHANICAL FLOOR PLAN
P-130 PHASE 1 - PLUMBING FLOOR PLANS
P-131 PHASE 2 - PLUMBING FLOOR PLANS
E-130 PHASE 1 - ELECTRICAL FLOOR PLANS
E-131 PHASE 2 - ELECTRICAL FLOOR PLANS

VICINITY MAP
AGRICULTURAL SCIENCE BUILDING NORTH
GENERAL NOTES

A. CONTRACTOR SHALL SECURE SERVICES OF A CERTIFIED SPRINKLER CONTRACTOR WHO WILL INSTALL NEW OR MODIFY EXISTING SPRINKLER PIPING AND HEADS. VENDOR SHALL SUPPLY CERTIFICATION THAT ALL MODIFICATIONS MEET ALL APPLICABLE CODES.

B. ALL FINISHES DISTURBED OR DAMAGED DURING CONSTRUCTION THAT ARE NOT IN THE SCOPE SHALL BE PATCHED AND FINISHED TO MATCH THE ADJACENT FINISH. ALL EXISTING PIPING AND HEADS THAT ARE NOT IN THE SCOPE WILL BE ABATED BY THE UNIVERSITY OF KENTUCKY PRIOR TO THE CONTRACTOR’S ARRIVAL ON-SITE. HOWEVER, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REFinish ALL ABATED DAMAGED FLOORS, WALLS, CEILINGS, ETC., TO THEIR ORIGINAL FINISHED STATE. IF THE CONTRACTOR SUSPECTS ANY ADDITIONAL MATERIAL TO BE ENVIRONMENTALLY HAZARDOUS, STOP WORK IMMEDIATELY AND CONTACT OWNERS REPRESENTATIVE.

C. ALL DIMENSIONS FOR EXISTING STRUCTURE ARE FROM FACE OF WALL FINISH TO FACE OF WALL FINISH. ALL NEW CONSTRUCTION DIMENSIONS ARE FROM FACE OF FRAMING TO FACE OF FRAMING OR EXISTING FINISH, UNLESS NOTED OTHERWISE.

D. VERIFY ALL DIMENSIONS PRIOR TO DEMOLITION/CONSTRUCTION.

E. COORDINATE ALL ROUGH OPENINGS WITH MANUFACTURER PRIOR TO DEMOLITION AND CONSTRUCTION.

F. REFER TO SHEETS A-002 AND A-001 FOR DOOR AND FINISH SCHEDULES AND SHEET A-001 FOR GENERAL NOTES.

I. REFER TO SHEET A-001 FOR LEGEND AND ABBREVIATION INFORMATION.

SHEET NOTES

1. REMOVE AND DISPOSE OF COUNTERTOPS AND BOTTOM CABINETS.

2. REMOVE AND DISPOSE OF WALL HUNG SHELVING.

3. REMOVE SINKS AND CAP UTILITIES. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

4. REMOVE AND RELocate COUNTERTOP TO ROOM 308; BOTTOM CABINETS TO BE PROTECTED IN PLACE.

5. PROTECT CASEWORK AND SHELVES IN PLACE.

6. EXISTING FUME HOOD.

7. RELocate EXISTING SHELVING TO ROOM 314

KEY PLAN

AREA OF WORK

THIRD FLOOR

SCALE: 3/16" = 1'-0"
GENERAL NOTES

A. SEE SHEETS A-001 AND AD-130 FOR ARCHITECTURAL GENERAL NOTES AND LEGEND
B. SEE SHEET E-001 FOR ELECTRICAL GENERAL NOTES AND LEGEND
C. SEE SHEET P-001 FOR PLUMBING GENERAL NOTES AND LEGEND

OVERVIEW PLAN

ENLARGED DEMOLITION PLAN

ENLARGED CEILING DEMOLITION PLAN

KEY PLAN

AREA OF WORK

THIRD FLOOR

SCALE: 3/16" = 1'-0"

PHASE 2
ROOMS S304, S304B

EXISTING FUME HOOD TO BE ABATED AND REMOVED. DEMO ALL ASSOCIATED UTILITIES.

REMOVE AND DISPOSE OF BENCH BETWEEN SINK AND FUME HOOD. COUNTERTOP TO BE ABATED.

ADJUSTABLE WOODEN SHELVING TO REMAIN IN PLACE.

SINK AND DRYING RACK TO BE REMOVED AND DISPOSED OF.

REMOVE AND DISPOSE OF BENCH MOUNTED SHELF FROM LEFT EDGE OF EXISTING SINK TO FUME HOOD. UTILITIES IN FULL LENGTH OF SHELF TO BE REMOVED. SEE ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

EXISTING DISHWASHER; PROTECT IN PLACE.

EXISTING CASEWORK; PROTECT IN PLACE.

REMOVE AND DISPOSE OF CASEWORK, CABINETS AND SHELVING.

REMOVE AND DISPOSE OF EXISTING 2'x4' LAMPS AND FIXTURES. SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

REMOVE T-BAR CEILING AND TILES TO EXTENT SHOWN DASHED.

SEE SHEETS A-001 AND AD-130 FOR ARCHITECTURAL GENERAL NOTES AND LEGEND.

SEE SHEET E-001 FOR ELECTRICAL GENERAL NOTES AND LEGEND.

SEE SHEET P-001 FOR PLUMBING GENERAL NOTES AND LEGEND.
GENERAL NOTES

A. Contractor shall secure services of a certified sprinkler contractor who will install new or modify existing sprinkler piping and heads. Vendor shall supply certification that all modifications meet all applicable codes.

B. All finishes disturbed or damaged during construction, that are not to the scope, shall be patch and finished to match the adjacent finish.

C. All material identified as hazardous will be abated by the University of Kentucky prior to the contractor's arrival on site. However, it will be the responsibility of the contractor to repair and finish all abatement damaged floors, walls, ceilings, etc., to their original finished state. If the contractor suspects any additional material to be environmentally hazardous, stop work immediately and contact owners representative.

D. All dimensions for existing structure are from face of wall finish to face of wall finish. All new construction dimensions are from face of framing to face of framing or existing finish, unless noted otherwise.

E. Verify all dimensions prior to demolition/construction.

F. Coordinate all rough openings with manufacturer prior to demolition and construction.

G. Refer to sheet A-001 for dimensions and detail information.

H. Refer to sheet A-002 for door and finish schedules and sheet A-003 for general notes.

I. Not all demolished components will be the contractors responsibility to remove. The owner has first right of refusal for all equipment and components and will be responsible for removal of all items remaining with the owner prior to the start of construction. Removal of any item for the owner will need to be coordinated with the University of Kentucky construction manager prior to construction.

J. Refer to sheet A-001 for legend and abbreviation information.

SHEET NOTES

1. Remove and relocate countertop to room S314. See sheet A-130 for additional information.

2. Remove and relocate countertop to room S314. See sheet A-130 for additional information.

3. Remove wall-hung shelves and metal support brackets and reinstall in room S314 and S314A. See sheet A-130 for additional information.

4. Remove and dispose of countertop. Base cabinets to remain.

5. Relocate existing wall-hung cabinets to room S314. (Confirm location in S308)

KEY PLAN

ENLARGED DEMOLITION PLAN

OVERVIEW PLAN

ENLARGED CEILING DEMOLITION PLAN
1. ALTERNATE No.1. EXISTING FUME HOOD (POSSIBLE REMOVAL TBD).
2. NEW LAB BENCH WITH BACKSPLASH, KNEE SPACE FOR 2 WORK AREAS AND OPEN SHELVING (BY OTHERS).
3. RELOCATE KEYPAD FROM ROOM S306. MOVE EXISTING S304 DOOR HARDWARE TO S306.
4. ADD LOCK LATCH.
5. EXISTING BENCH.
6. EXISTING DISHWASHER.
7. NEW DRYING RACK (BY OTHERS).
8. NEW LAB BENCH WITH BACKSPLASH, KNEE SPACE FOR 1 WORK AREA AND OPEN SHELVING (BY OTHERS).
9. NEW SINK (BY OTHERS). SEE PLUMBING SHEETS FOR ADDITIONAL INFORMATION.
10. EXISTING OVERHEAD SHELVING TO BE PAINTED BLACK.
11. INSTALL DOOR GASKET AT HEAD AND JAMBS AND INSTALL BRUSH AT THRESHOLD OF EXISTING DOOR FRAME.
12. NEW OVERHEAD, ADJUSTABLE SHELVING, 3 SHELVES 16" WIDE (BY OTHERS).
13. NEW ANTEROOM MODELED AFTER ANTEROOM IN S320.
14. NEW 3'X7' PRE-FINISHED WHITE ALUMINUM RESIDENTIAL TYPE STORM DOOR WITH INTEGRAL FRAME AND HARDWARE. MATCH DOOR IN S320.
15. PATCH, SAND AND PREPARE ALL EXISTING WALLS, TRIM AND ANY OTHER EXISTING PAINTED SURFACE FOR NEW PAINT. REFER TO SHEET A-002 FOR FINISH SCHEDULE.
16. EXISTING ELECTRICAL PANEL.
17. CEILING LIGHT SCREENS AND FRAMES TO BE REPLACED.
18. INSTALL NEW LED LIGHT FIXTURES. SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
19. INSTALL NEW CEILING GRID AND ACOUSTIC TILES. SEE SHEET A-002 FOR FINISH SCHEDULE.
20. REMOVE EXISTING SUPPLY GRILLES. CLEAN SUPPLY DUCTS BACK TO AND INCLUDING REHEAT COIL. INSTALL NEW FILTER GRILLES. PRICE 10FF, 24X24, OR EQUAL. BEFORE AND AFTER PHOTOS OF THE ELECTRIC AND REHEAT COIL ARE REQUIRED.
GENERAL NOTES

A. CONTRACTOR SHALL SECURE SERVICES OF A CERTIFIED SPRINKLER CONTRACTOR WHO WILL INSTALL NEW OR MODIFY EXISTING SPRINKLER PIPING AND HEADS. VENDOR SHALL SUPPLY CERTIFICATION THAT ALL MODIFICATIONS MEET ALL APPLICABLE CODES.

B. ALL FINISHES DISTURBED OR DAMAGED DURING CONSTRUCTION, THAT ARE NOT IN THE SCOPE, SHALL BE PATCH AND FINISHED TO MATCH THE ADJACENT FINISH.

C. ALL MATERIAL IDENTIFIED AS HAZARDOUS WILL BE ABATED BY THE UNIVERSITY OF KENTUCKY PRIOR TO THE CONTRACTOR'S ARRIVAL ON SITE, HOWEVER, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REFRESH ALL ABATEMENT DAMAGED FLOORS, WALLS, CEILINGS, ETC. TO THEIR ORIGINAL FINISHED STATE. IF THE CONTRACTOR SUSPECTS ANY ADDITIONAL MATERIAL TO BE ENVIRONMENTALLY HAZARDOUS, STOP WORK IMMEDIATELY AND CONTACT OWNERS REPRESENTATIVE.

D. ALL DIMENSIONS FOR EXISTING STRUCTURE ARE FROM FACE OF WALL FINISH TO FACE OF WALL FINISH. ALL NEW CONSTRUCTION DIMENSIONS ARE FROM FACE OF FRAMING TO FACE OF FRAMING OR EXISTING FINISH, UNLESS NOTED OTHERWISE.

E. VERIFY ALL DIMENSIONS PRIOR TO DEMOLITION/CONSTRUCTION.

F. COORDINATE ALL ROUGH OPENINGS WITH MANUFACTURER PRIOR TO DEMOLITION AND CONSTRUCTION.

G. REFER TO SHEET A-XXX FOR DIMENSIONS AND DETAIL INFORMATION.

H. REFER TO SHEET A-001 FOR LEGEND AND ABBREVIATION INFORMATION.

I. NOT ALL DEMOLISHED COMPONENTS WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL EQUIPMENT AND COMPONENTS AND WILL BE RESPONSIBLE THE REMOVAL OF ALL ITEMS REMAINING WITH THE OWNER PRIOR TO THE START OF CONSTRUCTION. REMOVAL OF ALL COMPONENTS THAT WILL BE RE-FABRICATED OR MODIFIED WILL NEED TO BE COORDINATED WITH THE UNIVERSITY OF KENTUCKY CONSTRUCTION MANAGER PRIOR TO REMOVAL.

J. REFER TO SHEET A-001 FOR LEGEND AND ABBREVIATION INFORMATION.

SHEET NOTES

1. NEW COUNTERTOP AND BACKSPLASH INSTALLED ON EXISTING CASEWORK.

2. EXISTING FUME HOOD.

3. RELOCATE EXISTING SHELVING TO ROOM S314.

4. XXX

5. PATCH, SAND AND PREPARE ALL EXISTING WALLS, TRIM AND ANY OTHER EXISTING PAINTED SURFACE FOR NEW PAINT. REFER TO SHEET A-002 FOR FINISH SCHEDULE.
1. REMOVE EXISTING SUPPLY GRILLES. CLEAN SUPPLY DUCTS BACK TO AND INCLUDING REHEAT COIL. INSTALL NEW FILTER GRILLES, PRICE 10FF, 24X24, OR EQUAL. BEFORE AND AFTER PHOTOS OF THE DUCTWORK AND REHEAT COIL ARE REQUIRED.

2. REMOVE EXISTING RETURN GRILLE. INSTALL NEW RETURN FILTER GRILLE, PRICE 85 SERIES, 24 x 24, OR EQUAL.

3. DEMO EXHAUST DUCT TO ABOVE CEILING AND CAP.

4. AFTER REMOVAL OF FUME HOOD, DUCT CLEANING, AND INSTALLATION OF NEW SUPPLY DIFFUSERS, BALANCE ROOM TO 10% NEGATIVE AIRFLOW. PROVIDE CERTIFIED AIR TEST AND BALANCE REPORT BY AN INDEPENDENT NEBB OR AABC-CERTIFIED CONTRACTOR. AIR BALANCE SHALL INCLUDE ALL NEW SUPPLY REGISTERS AND RETURN GRILLE.

5. REHEAT COIL (EXISTING).
GENERAL NOTES
A. SEE SHEET P-001 FOR PLUMBING GENERAL NOTES AND LEGEND.
B. NEW FIXTURES PROVIDED BY CASEWORK CONTRACTOR, INSTALLED BY PLUMBING CONTRACTOR.

1. DEMO ALL PIPING, COPPER AND GAS, BACK TO ABOVE FLOOR AND CAP. DOMESTIC COLD WATER AND DOMESTIC HOT WATER SHUTOFF VALVES ARE LOCATED UNDER SINK. DOMESTIC HOT WATER COPPER PIPE TO EXISTING DISHWASHER TO REMAIN. REMOVE 1/2" ACID WASTE DRAIN PIPE FROM CUP SINKS BACK TO TEE CONNECTION UNDER SINK.
2. DEMO SINK.
3. ALL NEW PIPING IS 1/2" AND TO BE ROUTED UNDERNEATH NEW CASEWORK TOPS.
4. DISCONNECT UTILITIES PRIOR TO HOOD REMOVAL. HOOD REMOVAL BY OTHERS.

OVERVIEW PLAN

DEMOLITION PLAN

NEW WORK PLAN

SHEET NOTES

PHASE 2 - PLUMBING PLANS

P-131 SCALE: 1/2" = 1'-0"
## SIGN-IN SHEET

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<td><strong>2.</strong> CHURCHILL MCKEE</td>
<td>KYLE WITHERS</td>
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<td><strong>3.</strong> PARSONS ELECTRIC, INC</td>
<td>MIKE MITCHELL</td>
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<td><strong>4.</strong> CPPD</td>
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<td><strong>5.</strong> Eubank &amp; Steele</td>
<td>Tommy Steele</td>
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<td><strong>6.</strong> Eubank &amp; Steele</td>
<td>Christina Parker</td>
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