



SEDGWICK COUNTY, KANSAS
FINANCE DEPARTMENT
Division of Purchasing
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ADDENDUM 2
RFB #17-0101
FORENSIC SCIENCE CENTER MECHANICAL RETROFIT

January 31, 2018

The following is to ensure that vendors have complete information prior to submitting a bid. Here are some clarifications regarding the above listed bid.

This Addendum is hereby made part of the Contract Documents to the same extent as though it were originally included therein.

5 All Contractors, Subcontractors and suppliers are reminded that they shall be familiar with all Addenda items (as well as all parts of the Construction Documents) so as to understand the extent of their work and its interrelation with other trades.

To all bidders for furnishing all labor and materials necessary for the following Contract:

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**SEDGWICK COUNTY FORENSIC SCIENCE CENTER LAB
MECHANICAL RETROFIT**

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1109 N. Minneapolis St.
Wichita, KS 67214

Prepared by:
Schaefer Johnson Cox Frey Architecture, Inc.

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GENERAL:

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ITEM AD1-G01
CLARIFICATION

PREBID MEETING, Work Hours:
Work shall be conducted typically between 8:00 am and 5:00 pm Monday thru Friday. In advance coordination with the Owner the work can be conducted between 7:00 am and 6:00 pm M-F on a limited basis.

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MECHANICAL:

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ITEM AD1-M01
CLARIFICATION

Specifications:
Refer to attached specification sheet for ductwork and insulation.

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ITEM AD1-M02
REVISION

DRAWING SHEET M101, PLAN NOTE #9:
Supply humidifier with water from main located in corridor in lieu of water from emergency shower supply runout. Modify to read, "CONNECT 1/2" WATER LINE INTO EXISTING DOMESTIC COLD WATER LINE ROUTED IN CORRIDOR. PROVIDE SHUT-OFF VALVE AT CONNECTION TO MAIN. PROVIDE SHOCK ARRESTOR ON END OF HUMIDIFIER RUNOUT."

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ITEM AD1-M03

PRODUCT SUBSTITUTION REQUEST:

It was requested to allow NTI TFT as a pre-approved equal to the basis of design boilers. Upon review it does not appear that the proposed boilers will physically fit in the space available given the boilers dimensions and recommended service clearances. For this reason the request is **not approved**.

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ELECTRICAL:

- 5 **ITEM AD1-E01** DRAWING SHEET M304:
CLARIFICATION: Conduits stubbed up from floor are routed below grade to lab islands.
Below grade conduits are to remain and new cabling is to be pulled to
accommodate rerouting of existing raceway. Cabling originates at nearby
network closet and terminates at lab islands. Reroute new cabling to avoid
boiler installation. Cabling is to be installed in conduit/raceway until above
10 ceiling. Additionally, existing conduit contains fire alarm wiring.
Coordinate required work to facilitate reroute with fire alarm contractor.

END OF ADDENDUM NUMBER TWO

AIR DISTRIBUTION

1.1 SHEET METAL DUCT WORK CONSTRUCTION - LOW PRESSURE

- A. The work under this heading includes all sheet metal work as required to complete supply and exhaust systems.
- B. Duct material shall be galvanized steel unless noted otherwise on the drawings.
- C. Make ductwork and installation in conformance with the applicable local Mechanical Code and Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA) HVAC Duct Construction Standards (Latest Edition) amended as follows:
 - 1. Minimum Duct Class 2" S.P., Seal Class B.
Seal all transverse joints, fittings, connections, and seams with Hardcast DT tape and FTA adhesive, Hardcast AFG-1402 "Foil-Grip" applied per manufacturers instructions, or brushed-on liquid based joint and seam sealant.
 - 3. Make all branch connections with 45° entry clinch collar.
- D. Use square type elbows with turning vanes for changes in direction and fittings for branch ducts. Radius elbows may also be used for duct changes in direction, refer to drawings.
- E. Offset ducts to clear pipes and obstructions.
- F. Patch all duct holes air tight after installation.
- G. All round ductwork shall be a minimum of 26 gauge sheet metal or heavier as required by SMACNA and the Mechanical Code.

1.2 DUCT INSULATION (EXTERNAL)

- A. Manufacturers: Johns Manville - CertainTeed - Owens Corning - Knauf.
- B. Insulate externally all concealed round ducts and rectangular outdoor air ducts with .75 pound minimum density fiberglass ductwrap with a Foil-scrim Kraft vapor barrier applied with outward-clinching staples. The insulation is to have a minimum installed R-value of 4.2 for 1-1/2" thick insulation and 5.6 for 2" thick insulation when compressed 25%. Duct wrap thickness shall be 1-1/2" for supply and return ductwork located with-in the conditioned building space.
- C. The duct insulation shall have Underwriters Laboratories flame spread rating not to exceed 25 - fuel contributed rating not to exceed 50 - smoke developed rating not to exceed 50.
- D. Insulation shall be continuous through partitions, coils, etc. Insulate fire damper sleeves to partitions.

1.3 FLEXIBLE CONNECTIONS

- A. Duct connections to fans and where noted elsewhere on plans, shall be sound and vibration isolation flexible connections made with fire resistant, water proof heavy glass fabric with double coating of neoprene as manufactured by Ventfabrics, Inc., Ductmate Industries, Inc., Duro Dyne, Inc., or Ward Industries, Inc. Connections shall be not less than 4" long, shall have suitable metal collar frame at each end and shall be made with at least one inch slack in material to prevent transmission of vibration.

Firms interested in submitting a bid, must respond with complete information and deliver **on or before 1:45 p.m. CST, February 6, 2018**. Late bids will not be accepted and will not receive consideration for final award. **“PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID RESPONSE PAGE.”**

A handwritten signature in black ink that reads "Kimberly Bush". The signature is written in a cursive, flowing style.

Kim Bush, CPPB
Purchasing Agent