

Addendum No. 02

TO: PLANS AND SPECIFICATIONS FOR:

**Upgrade HVAC Controls
Staples Building
Southeast MO Mental Health Center
Farmington, MO
PROJECT NO. M2011-01**

Bid Opening Date: 1:30PM, April 11, 2024 (UNCHANGED)

Bidders are hereby informed that the construction plans and/or specifications are modified as follows:

SPECIFICATION CHANGES:

1. Section 004322 – UNIT PRICES **“This form is to be included when submitting bid in Missouri Buys”**

ADD: 3.1 F. Unit Price No. 6

1. Description: Lockable, anti-ligature access door
2. Unit of Measurement: 2'-0" x 2'-0" each
3. Base Bid Quantity: 5

Section 230900 – INSTRUMENTATION AND CONTROL FOR HVAC

ADD: 2.10.B - “All control wiring exposed outside of conduit shall be plenum-rated.”

DRAWING CHANGES:

1. Drawing E-101 STAPLES PARTIAL ELECTRICAL PLAN
DETAIL 1 – STAPLES BUILDING – 1ST FLOOR PARTIAL ELECTRICAL PLAN

DELETE: keyed note 8 at compressors near pumps P11 and P12.

ADD: keyed note 7 at compressors near pumps P11 and P12.

2. Drawing E-101 STAPLES PARTIAL ELECTRICAL PLAN
POWER KEYED NOTES

DELETE: NEW (at motor pumps)

ADD: EXISTING (at motor pumps)

3. POWER KEYED NOTE 5

DELETE: entire note

ADD: “NOT USED”

4. Drawing E-101 STAPLES PARTIAL ELECTRICAL PLAN

DETAIL 1 – STAPLES BUILDING – 1ST FLOOR PARTIAL ELECTRICAL PLAN

DELETE: keyed note 5 reference at Pumps P1-P10

5. Drawing M-603 MECHANICAL DETAILS & CONTROLS

Sequence of Operation: TRU

ADD: “Generator Damper Control Sequence: When generator is enabled, roof damper for intake and exhaust damper at exterior wall shall be opened. 60 seconds (adj) after generator is disabled, dampers shall close. Dampers shall fail open.”

“Damper on exhaust into room shall be normally closed. Damper shall only open manually via BAS.”

6. Drawing M-102 STAPLES PARTIAL MECHANICAL PLAN

KEYED NOTES - #4

DELETE: EXISTING ELECTRIC BASEBOARD HEATER SHALL REMAIN. INSTALL NEW ELECTRONIC, UNIT MOUNTED TEMPERATURE SENSOR IN PLACE OF PNEUMATIC TEMPERATURE SENSOR. NEW 277/24V CONTACTOR SHALL BE INSTALLED IN PLACE OF EXISTING PNEUMATIC CONTACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR THE 24V CONNECTION TO THE CONTACTOR. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE PROCUREMENT AND PLACING OR RELAY WITHIN THE BASEBOARD HEATER.

ADD: EXISTING ELECTRIC BASEBOARD HEATER SHALL REMAIN IN PLACE. CONNECT EXISTING BASEBOARD HEATER INTO NEW VAV TEMPERATURE SENSOR. NEW 277/24V CONTACTOR SHALL BE INSTALLED IN PLACE OF EXISTING PNEUMATIC CONTACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR THE 24V CONNECTION TO THE CONTACTOR. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE PROCUREMENT AND PLACING OR RELAY WITHIN THE BASEBOARD HEATER.

7. Drawing M-105 STAPLES PARTIAL MECHANICAL PLAN

KEYED NOTES - #3

DELETE: EXISTING ELECTRIC BASEBOARD HEATER SHALL REMAIN. INSTALL NEW ELECTRONIC, UNIT MOUNTED TEMPERATURE SENSOR IN PLACE OF PNEUMATIC TEMPERATURE SENSOR. NEW 277/24V CONTACTOR SHALL BE INSTALLED IN PLACE OF EXISTING PNEUMATIC CONTACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR THE 24V CONNECTION TO THE CONTACTOR. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE PROCUREMENT AND PLACING OR RELAY WITHIN THE BASEBOARD HEATER.

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8. Drawing M-106 STAPLES PARTIAL MECHANICAL PLAN

KEYED NOTES - #2

DELETE: EXISTING ELECTRIC BASEBOARD HEATER SHALL REMAIN. INSTALL NEW ELECTRONIC, UNIT MOUNTED TEMPERATURE SENSOR IN PLACE OF PNEUMATIC TEMPERATURE SENSOR. NEW 277/24V CONTACTOR SHALL BE INSTALLED IN PLACE OF EXISTING PNEUMATIC CONTACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR THE 24V CONNECTION TO THE CONTACTOR. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE PROCUREMENT AND PLACING OR RELAY WITHIN THE BASEBOARD HEATER.

ADD: EXISTING ELECTRIC BASEBOARD HEATER SHALL REMAIN IN PLACE. CONNECT EXISTING BASEBOARD HEATER INTO NEW VAV TEMPERATURE SENSOR. NEW 277/24V CONTACTOR SHALL BE INSTALLED IN PLACE OF EXISTING PNEUMATIC CONTACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR THE 24V CONNECTION TO THE CONTACTOR. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE PROCUREMENT AND PLACING OR RELAY WITHIN THE BASEBOARD HEATER.

9. Drawing M-109 STAPLES PARTIAL MECHANICAL PLAN
KEYED NOTES - #4

DELETE: EXISTING ELECTRIC BASEBOARD HEATER SHALL REMAIN. INSTALL NEW ELECTRONIC, UNIT MOUNTED TEMPERATURE SENSOR IN PLACE OF PNEUMATIC TEMPERATURE SENSOR. NEW 277/24V CONTACTOR SHALL BE INSTALLED IN PLACE OF EXISTING PNEUMATIC CONTACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR THE 24V CONNECTION TO THE CONTACTOR. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE PROCUREMENT AND PLACING OR RELAY WITHIN THE BASEBOARD HEATER.

ADD: EXISTING ELECTRIC BASEBOARD HEATER SHALL REMAIN IN PLACE. CONNECT EXISTING BASEBOARD HEATER INTO NEW VAV TEMPERATURE SENSOR. NEW 277/24V CONTACTOR SHALL BE INSTALLED IN PLACE OF EXISTING PNEUMATIC CONTACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR THE 24V CONNECTION TO THE CONTACTOR. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE PROCUREMENT AND PLACING OR RELAY WITHIN THE BASEBOARD HEATER.

10. Drawing M-110 STAPLES PARTIAL MECHANICAL PLAN
KEYED NOTES - #4

DELETE: EXISTING ELECTRIC BASEBOARD HEATER SHALL REMAIN. INSTALL NEW ELECTRONIC, UNIT MOUNTED TEMPERATURE SENSOR IN PLACE OF PNEUMATIC TEMPERATURE SENSOR. NEW 277/24V CONTACTOR SHALL BE INSTALLED IN PLACE OF EXISTING PNEUMATIC CONTACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR THE 24V CONNECTION TO THE CONTACTOR. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE PROCUREMENT AND PLACING OR RELAY WITHIN THE BASEBOARD HEATER.

ADD: EXISTING ELECTRIC BASEBOARD HEATER SHALL REMAIN IN PLACE. CONNECT EXISTING BASEBOARD HEATER INTO NEW VAV TEMPERATURE SENSOR. NEW 277/24V CONTACTOR SHALL BE INSTALLED IN PLACE OF EXISTING PNEUMATIC CONTACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR THE 24V CONNECTION TO THE CONTACTOR. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE PROCUREMENT AND PLACING OR RELAY WITHIN THE BASEBOARD HEATER.

11. Drawing M-604 MECHANICAL CONTROLS
Sequence of Operations: VAV

ADD: Subsection - HEATING MODE:
VAV SHALL PINCH BACK TO NO FLOW AND ASSOCIATED EBH SHALL BE ENERGIZED. EBH SHALL BE ENERGIZED UNTIL THE SPACE TEMPERATURE 2 DEG F (ADJ) ABOVE THE SPACE SETPOINT TEMPERATURE.

GENERAL COMMENTS:

- The Pre-Bid meeting was held March 13, 2024
- Bidders desiring to perform a site inspection should contact staff Brad Burgess at 573-218-6857 Brad.Burgess@oa.mo.gov to schedule a time to enter the facility.

- Please contact Paul Girouard, 573-751-4797 paul.girouard@oa.mo.gov for questions about bidding procedures, MBE\WBE\SDVE Goals, and other submittal requirements.
- Changes to, or clarification of, the bid documents are only made as issued in the addenda.
- All correspondence with respect to this project must include the State of Missouri project number as indicated above.
- **All bids shall be submitted on the bid form without additional terms and conditions, modifications, or stipulations. Each space on the bid form shall be properly filled. Failure to do so will result in rejection of the bid.**
- **MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. Only certified firms as of the bid opening date can be used to satisfy the MBE/WBE/SDVE participation goals for this project. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.**
- Not all wiring is graphically shown in documents, General notes and keyed notes in M/E plans cover electrical baseboard heater wiring. Control voltage wiring is part of the Control Contractor's scope of work and is understood that the Controls Contractor will provide the control wiring to control all sequences of operations.
- Contractor that will provide damper actuator for combination fire/smoke and smoke dampers, shall be responsible for providing power from emergency panel into actuator. Designer has no voltage preference (24V or 120V). Coordinate with Fire Alarm Contractor.

ATTACHMENTS:

SECTION 004322 - UNIT PRICES FORM

END OF ADDENDUM 02

April 4, 2024

PER ADDENDUM #2

SECTION 004322 - UNIT PRICES FORM

PROJECT NUMBER: M2011-01

1.0 Description

- A. For changing specified quantities of work from those indicated by the contract drawings and specifications, upon written instructions of Owner, the following unit prices shall prevail. The unit prices include all labor, overhead and profit, materials, equipment, appliances, bailing, shoring, shoring removal, etc., to cover the finished work of the several kinds of work called for. Only a single unit price shall be given and it shall apply for either MORE or LESS work than that shown on the drawings and called for in the specifications or included in the Base Bid. In the event of more or less units than so indicated or included during construction the total contract price shall be decreased as appropriate or increased by contract change in accordance with General Conditions Article 4.1.

2.0 Unit Prices

A. Unit Price No. 1 – Lay-In Ceiling Tile

- 1. Description: 2x4 ceiling tile to match existing
- 2. Unit of Measurement: (1) 2x4 ceiling tile
- 3. Base Bid Quantity: 300 2x4 ceiling tiles

\$ _____ per ceiling tile

B. Unit Price No. 2 – Lay-In Ceiling Tile

- 1. Description: 2x2 ceiling tile to match existing.
- 2. Unit of Measurement: (1) 2x2 ceiling tile
- 3. Base Bid Quantity: 300 2x2 ceiling tiles

\$ _____ per ceiling tile

C. Unit Price No. 3 – Gyp. Board

- 1. Description: Gyp. Board Replacement/Patching/Tape/Mud
- 2. Unit of Measurement: 1 Sq. Ft.
- 3. Base Bid Quantity: 500 Sq. Ft.

\$ _____ per Sq. Ft.

D. Unit Price No. 4 – Vinyl base

1. Description: Vinyl base to match existing
2. Unit of Measurement: 1 Linear Ft.
3. Base Bid Quantity: 150 Linear Ft.

\$ _____ per Linear Ft.

E. Unit Price No. 5 – Paint

1. Description: Paint to match adjacent wall surface
2. Unit of Measurement: 1 Sq. Ft.
3. Base Bid Quantity: 2,500 sq. ft.

\$ _____ per Sq. Ft.

F. Unit Price No. 6 – Access Doors

1. Description: Lockable, anti-ligature access door
2. Unit of Measurement: 2'-0" x 2'-0" each
3. Base Bid Quantity: 5

\$ _____ per each