ADDENDUM NUMBER 2

MILWAUKEE COUNTY
CRIMINAL JUSTICE FACILITY
HOT WATER HEATERS REPLACEMENT
Site #240, Bldg. #76
949 North 9th Street
Milwaukee, WI 53233

Project Number: C120-16426
Notice Number: 7145

Date of Addendum: October 13, 2016

This Addendum to the Contract Documents is issued to modify, explain or correct the original documents, dated September 2, 2016, and is hereby made part of the Contract Documents. Acknowledge receipt of this Addendum in the space provided on the Bid Form, or bid may be rejected.

BIDDING DOCUMENTS, SPECIFICATIONS, DRAWINGS, AND ADDENDUM 1

Change: Bid Due Date to October 26, 2016 at 2:00 P.M.

Document 00400 - Bid Form

Replace: Page 00400-2 with Page 00400-2a & 00400-2b issued as part of this Addendum 2.

Section 01230 – Alternatives

Add: the following to 1.1 C:

2. Alternative B: State addition to or deduction from Total Base Bid to provide water heaters in accordance with the drawings and specifications as manufactured by Harsco Corporation Model PC Compact.
3. Alternative C: State addition to or deduction from Total Base Bid to provide water heaters in accordance with the drawings and specifications as manufactured by Therma Flow Engineering Company Model TH-750.
4. Alternative D: State addition to or deduction from Total Base Bid to provide water heaters in accordance with the drawings and specifications as manufactured by Cemline Corporation Model SEH.
5. Alternative E: State addition to or deduction from Total Base Bid to provide freezing of the cold water supply pipe for isolation valve installation in lieu of "Wet Tap" valve installation for the 6" CW pipe serving the Lower Floors, without interrupting water supply to the pressure booster system serving the Upper Floors.

Plumbing Specifications

1. Section 22 05 00:

Add: 1.7, B, 7:

7. Under Alternate Bid provide installation of isolation valve in 6" CW pipe to the Lower Floors by freezing 6" CW pipe upstream and downstream of valve location in lieu of shutdown and draining of water supply to the building.

Add: 1.16 ALTERNATE BIDS

A. State in the appropriate space in the Bid Form the addition to or deduction from the Base Bid to provide water heaters in accordance with the drawings and specifications as manufactured by Harsco Corporation Model PC Compact.

B. State in the appropriate space in the Bid Form the addition to or deduction from the Base Bid to provide water heaters in accordance with the drawings and specifications as manufactured by Therma Flow Engineering Company Model TH-750.

C. State in the appropriate space in the Bid Form the addition to or deduction from the Base Bid to provide water heaters in accordance with the drawings and specifications as manufactured by Cemline Corporation Model SEH.

D. State in the appropriate space in the Bid Form the addition to or deduction from the Base Bid to provide freezing of the cold water supply pipe for isolation valve installation in lieu of "Wet Tap" valve installation for the 6" CW pipe serving the Lower Floors, without interrupting water supply to the pressure booster system serving the Upper Floors.

2. Section 22 05 23:

Add: 1.8 ALTERNATE BIDS

A. See Section 22 05 00.

Add: 3.8 ALTERNATE BID: INSTALLATION OF ISOLATION VALVE W/FREEZE PLUG

A. In lieu of "Wet Tap" isolation valve installation as described in 3.7, provide Installation of gate valve in 6" CW pipe downstream of supply connection to pressure booster system serving Upper Floors by freezing pipe upstream and downstream of valve location.

B. Existing valves in piping system may not provide shutoff without leaks.

C. Contractor shall verify system water pressure, pipe condition, staging area, etc. and report any conditions that would adversely impact freezing of pipe or valve installation.

D. Contractor shall inspect piping and location of proposed isolation valve. Select appropriate location for valve installation with recommended distance from welds, fitting, take-offs, etc. Provide additional pipe supports as recommended by the Pipe Freeze Contractor.

E. Contractor shall coordinate with the Pipe Freeze Contractor to verify existing Mechanical Room ventilation system is adequate to assure oxygen levels in the room are maintained within recommended range. Provide additional temporary ventilation of Mechanical Room required to maintain oxygen levels within recommended range. Contractor's personnel shall be provided with oxygen monitors and any other safety equipment as recommended by the Pipe Freeze Contractor.

F. Provide oxygen monitoring in adjacent office space to alarm of inadequate oxygen levels.

2. Section 22 30 00:

Add: 1.6 ALTERNATE BIDS

A. See Section 22 05 00.

Add: 3.1 INSTALLATION, L:

11. Under Alternate Bid for water heaters other than Base Bid units: Contractor must remove existing 30" WF steel support stand. Contractor/Equipment Supplier must verify conditions regarding height of existing condensate return piping and water heater condensate outlet location. Provide necessary modification to support stand height to allow installation of heaters with condensate outlet at adequate height to connect to existing condensate return for gravity discharge to existing condensate pump and adequate service clearance below unit for removal of heat exchanger element.

End of Addendum No. 2

ALTERNATIVE A:
State addition to Total Base Bid to provide a Remote Master Water Heater Plant Control with touch screen as indicated on Section 22 30 00 - Plumbing Equipment, article 2.1, A, 9, the sum of:

_____
(In words)

_____ Dollars $ _____
(In figures)

ALTERNATIVE B:
State addition to or deduction from Total Base Bid to provide water heaters in accordance with the drawings and specifications as manufactured by Harsco Corporation Model PC Compact, the sum of:

_____
(In words)

_____ Dollars $ _____
(In figures)

ALTERNATIVE C:
State addition to or deduction from Total Base Bid to provide water heaters in accordance with the drawings and specifications as manufactured by Therma Flow Engineering Company Model TH-750, the sum of:

_____
(In words)

_____ Dollars $ _____
(In figures)

ALTERNATIVE D:
State addition to or deduction from Total Base Bid to provide water heaters in accordance with the drawings and specifications as manufactured by Cemline Corporation Model SEH, the sum of:

_____
(In words)

_____ Dollars $ _____
(In figures)

ALTERNATIVE E:
State addition to or deduction from the Base Bid to provide freezing of the cold water supply pipe for isolation valve installation in lieu of "Wet Tap" valve installation for the 6" CW pipe serving the Lower Floors, without interrupting water supply to the pressure booster system serving the Upper Floors, the sum of:

_____
(In words)

_____ Dollars $ _____
(In figures)

SUBSTITUTION OF MATERIALS

For use by Bidders at their option the following substitutions from specifically named materials or items.

MANUFACTURER'S NAME	MATERIAL	ADD/DEDUCT
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

ADDENDUM RECEIPT

We acknowledge the receipt of Addendum _____ to _____ inclusive.

BID SECURITY ACCOMPANYING PROPOSAL

NOTE! See Instructions to Bidders - Article 9, Bid Security, subparagraph 9.1.1, filing original bid bond.

The amount and type of bid security is as follows:

_____

COMMENCEMENT AND COMPLETION OF CONTRACT WORK

The undersigned agrees, if signatory to the Contract, to commence work upon receipt of Notice to Proceed and achieve Substantial Completion of the Work within 120 calendar days.

NOTE! See Document 00800 - Supplementary Conditions – 8.2.3, for Liquidated Damages associated with the contract work.

CONTRACTORS WHO ARE SUBMITTING A BID ON WORK ARE REQUIRED TO VISIT THE SITE AND ATTEND THE MANDATORY PRE-BID CONFERENCE. FAILURE TO ATTEND THE MANDATORY PRE-BID CONFERENCE WILL RESULT IN BID BEING RETURNED UNOPENED. REFER TO DOCUMENT 00250 - PRE-BID MEETING.

BIDDERS SHALL SUBMIT SPECIAL QUALIFICATION DOCUMENTATION WITH BID. SEE DOCUMENT 00200 - INSTRUCTIONS TO BIDDERS, ARTICLE 16.