

**ADDENDUM NO. 1**  
**Nebraska Department of Roads – NDOR Boiler Replacement**  
**NDOR Building No. 00101**  
**NDOR Project No. AFE I-016**  
**5001 S. 14<sup>th</sup> Street, Lincoln, Nebraska**  
**2012 / OA Project No. 008-1417**

**Design Professionals:**

Olsson Associates – Mechanical and Electrical Engineers

**DATE OF ISSUANCE: June 1, 2012**

**Bid Opening Date, Time & Location:** June 7, 2012, 3:30 PM CT, NDOR, 5001 S. 14<sup>th</sup> Street, Room 110.

The Project Manual and Project Drawings dated May 2012, for the above referenced project, are amended by this addendum.

**NOTICE:** This Addendum is issued to all interested prospective bidders as an amendment to the project manual or other parts of the bidding (contract) documents for the above named project. Reference to this Addendum must be included in the Bid proposal. The information contained herein shall be fully incorporated into the contract documents as though originally included therein.

**PROJECT CHANGES**

**1) Refer to Specifications Section, 004000 – Proposal Form**

Replace the entire 004000 section with the attached updated version which includes a unit cost for additional glycol in addition to what is required in item #4 below.

**2) Refer to the Mechanical Specifications, the following manufacturers are approved for the products in the corresponding sections:**

232113 Expansion Tanks – Patterson  
232113 Air / Dirt Separator - Thrush  
232123 Hydronic Pumps – Patterson  
232113 Balancing Valves – Pro Hydronic Specialties  
235100 Breeching Chimneys, & Stacks – Van Packer  
235239 Boilers - Triad  
238239 Unit Heaters – Vulcan, Zehnder/Rittling  
N/A Louvers – Pottorff

**3) Refer to Specifications Section, 232113 – Hydronic Piping**

Replace Section 2.6 – E with the following:

E. In-Line Air and Dirt Separators (See plans for written schedule):

1. Type: High Efficiency Coalescing Medium. Centrifugal style will not be allowed.
2. Maximum Working Pressure: Up to 125 psig (1207 kPa).
3. Maximum Operating Temperature: Up to 270 deg F (149 deg C).

**4) Refer to Specifications Section, 232113 – Hydronic Piping**

Add the following to Section 3.8 “Chemical Treatment”:

- B. The building hot water system is estimated to have 1,250 gallons of water volume when construction is complete. The contractor shall include an amount of glycol in their bid to bring this system volume to 40% glycol. During installation, the contractor shall measure/meter the glycol and water added to

the system to ensure a 40% mixture. Any additional glycol required will be provided by the contractor at the unit cost per gallon listed on the bid form.

5) Refer to Specifications Section, 232113 – Hydronic Piping

Replace Section 3.9 – A – 3 with the following:

3. Flush the existing steam piping to be reused with a cleaning solution for a minimum of 24 hours. The estimated supply and return piping loop thru the garage and receiving area where the steam piping will be reused as supply piping is 325 gallons. This volume does not include equipment capacities, new piping in the boiler room, or any existing hot water piping. Once complete, flush the entire hydronic systems with clean water; then remove and clean or replace strainer screens.

6) Refer to Sheet MD1.1 – Mechanical Demolition Plan – Lower Level

Update plans per Attachment No. MD1.1-1 at the end of this document.

7) Refer to Sheet M1.1 – Mechanical Plan – Lower Level

Update plans per Attachment No. M1.1-1 at the end of this document.

8) Refer to Sheet E1.1 – Electrical Plan – Lower Level

Relocate the electrical connection to UH-1 and thermostat at the new location shown on Attachment No. M1.1-1 at the end of this document. Provide new conduit and box for thermostat.

9) The pre-bid attendance record is attached for reference.

**END OF ADDENDUM NO. 1**

Each Bidder must acknowledge receipt of all addenda in the space provided on the Bid Form.

**PROPOSAL FORM**

PROJECT IDENTIFICATION:

**PROJECT NUMBER: AFE I-016**

**NEBRASKA DEPARTMENT OF ROADS DISTRICT ZERO  
BOILER REPLACEMENT**

For furnishing all labor, equipment and material necessary for construction of the Boiler Replacement project in Lincoln, Nebraska.

Submit proposal to: Nebraska Department of Roads  
Operations Division-Capital Facilities Unit  
5001 S. 14<sup>th</sup> Street  
Lincoln, Nebraska 68509

Proposal from:

\_\_\_\_\_  
(Bidder/Company)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City/State)

\_\_\_\_\_  
(Contact Name)

\_\_\_\_\_  
(Phone Number)

The aforementioned, as bidder, declares that he/she has carefully and thoroughly examined the Instructions to Bidders, the drawings and specifications, general, supplemental conditions and other proposed contract documents, and has carefully examined the project location, existing conditions and classes of materials of the proposed work, and agrees that he/she will provide all necessary machinery, tools, apparatus, services and other means of construction, and will do all the work and furnish all the materials called for in the contract documents and specifications in the manner prescribed therein and according to the requirements of the Owner as therein set forth, for the lump sum amount(s) as follows:

The undersigned will, within fifteen (15) calendar days of receipt of notice of acceptance of this proposal, enter into agreement with the Owner on Nebraska Department of Roads (Standard Form of Agreement Between Owner and Contractor), and deliver the required Performance Bond and Payment Bond (AIA Document A312) in the amount of one hundred percent (100%) of the contract amount.

It is understood that the Owner reserves the right to reject any or all bids, or to accept any bid and to waive any or all formalities in the bidding.

The undersigned certifies that the bid amount(s) contained in this proposal have been carefully checked and are submitted as correct and final, and these amounts will remain firm for sixty (60) calendar days following the bid date.

<b>Bidder acknowledges receipt of Addenda below (Number and Date)</b>

**Schedule of Values**

Division No.	Description	Amount	
1	General Requirements		
2	Existing Conditions	NOT USED	
3	Concrete	NOT USED	
4	Masonry	NOT USED	
5	Metals	NOT USED	
6	Woods, Plastics and Composites	NOT USED	
7	Thermal and Moisture Protection	NOT USED	
8	Openings	NOT USED	
9	Finishes	NOT USED	
10	Specialties	NOT USED	
11	Equipment	NOT USED	
12	Furnishings	NOT USED	
13	Special Construction	NOT USED	
14	Conveying Systems	NOT USED	
21	Fire Suppression	NOT USED	
22	Plumbing	NOT USED	
23	HVAC		
25	Integrated Automation	NOT USED	
26	Electrical		
27	Communications	NOT USED	
28	Electronic Safety and Security	NOT USED	
31	Earthwork	NOT USED	
32	Exterior Improvements	NOT USED	
33	Utilities	NOT USED	
<b>TOTAL Bid Without Alternates (Amount In Figures):</b>			

<b>TOTAL Without Bid Alternates</b> (Amount Written in Words)	
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<b>Unit Price No. 1:</b>	Provide a cost per gallon unit price for glycol in addition to the volume required which was designated in addendum #1:  <div style="text-align: right;">_____ dollars/gallon</div> (Amount Written in Words)  (\$ _____ /gallon).
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## PROJECT TIME COMPLETION PERIOD

It is anticipated that the Contractors Notice to Proceed may be issued on or about sixty (60) calendar days after the advertised bid opening date. Time is of the essence and **may be** a factor in the award of this Contract. Contractor shall substantially complete the work no later than \_\_\_\_\_ calendar days (**Bidder to enter number of calendar days**) from the issuance date on the official Notice to Proceed. The Department and the Architect estimate time of completion to be one hundred twenty (120) calendar days, Contractors' estimate of calendar days shall not exceed this stipulated quantity.

## HIRING PRACTICE

By signing this bid, the bidder certifies that this company is complying with all applicable hiring codes, laws, ordinances, rules, regulations and orders issued by a public authority whether federal, state, local or otherwise, including, but not limited to, the Immigration Reform and Control Act of 1986.

## DRUG-FREE WORKPLACE POLICY

By signing this bid, the bidder certifies that in accordance with the State of Nebraska Drug-Free Workplace Policy enacted by the Governor on July 3, 1989, this company is operating under a drug-free workplace policy and a written Drug-Free Workplace Policy is either on file with the Nebraska Department of Roads or may be provided upon contract execution.

## NONCOLLUSION DECLARATION

By signing this bid, the bidder certifies under penalty of perjury that (he or she) is an officer or director of the company bidding and in that capacity, (he or she) has identified all employees, officers or directors involved in the preparation of this bid, has discussed the bid with each individual, and can now state that no one involved in the preparation of this bid did, either directly or indirectly, enter into any agreement, participate in any collusion, or otherwise take any action in restraint of free competitive bidding in connection with the bid for this project submitted at the letting held by the Nebraska Department of Roads in Lincoln, Nebraska.

## BOND REQUIREMENTS

By signing this bid, the bidder certifies that (he, she or it) proposes to furnish a bond, as required by the Specifications, in the amount of the contract awarded.

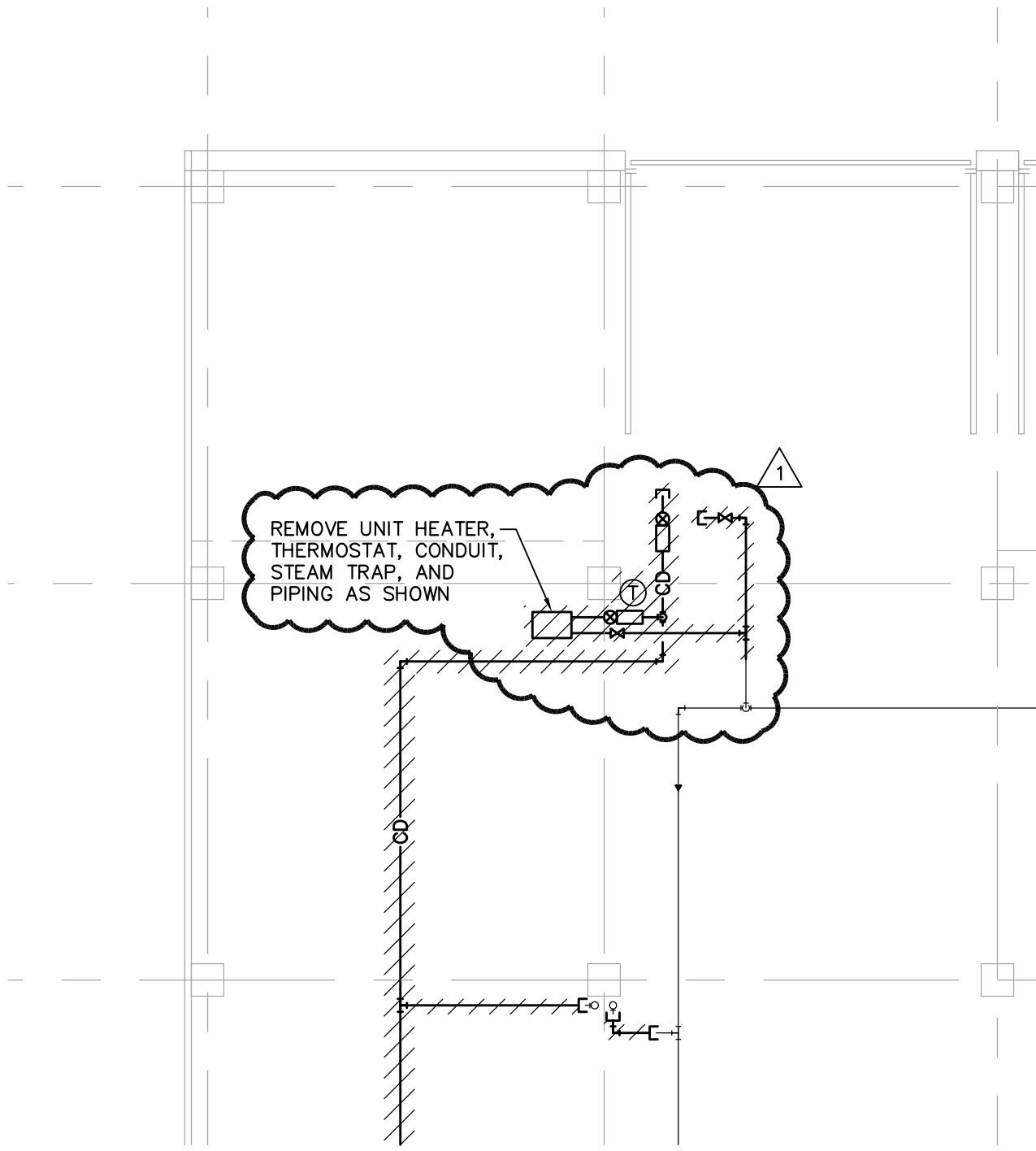
As evidence of good faith in submitting this bid, a bid bond in an amount of 5 percent of our bid, which, it is understood, shall be payment to the State of Nebraska, not as a penalty, but in liquidation of damages to the State, if at any time subsequent to the opening of bids by the State of Nebraska, we fail or refuse to comply with any obligation or duty required of us which leads to or is in fulfillment of our entering into the contract for which we are submitting this bid.

## FAIR LABOR STANDARDS CERTIFICATION

By signing this bid, the bidder certifies that the bidder is complying with and will continue to comply with Fair Labor Standards in pursuit of business and in the execution of this contract.



DWG: F:\Projects\008-1417\ME\1-NDOR Boiler Replacement\Constructs\Mechanical\MHDBA.dwg USER: bmostek  
DATE: Jun 01, 2012 9:33am XREFS: z-title xref basement



# MECHANICAL DEMOLITION PLAN - LOWER LEVEL

SCALE: 1/8"=1'-0"

**OLSSON**  
ASSOCIATES

1111 Lincoln Mall, Suite 111  
P.O. Box 84608  
Lincoln, NE 68501-4608

TEL 402.474.6311  
FAX 402.474.5160  
www.oaconsulting.com

(Sheet Number)

**MD1.1**

(Project Number)

008-1417

(Drawing Number)

101792

(Date)

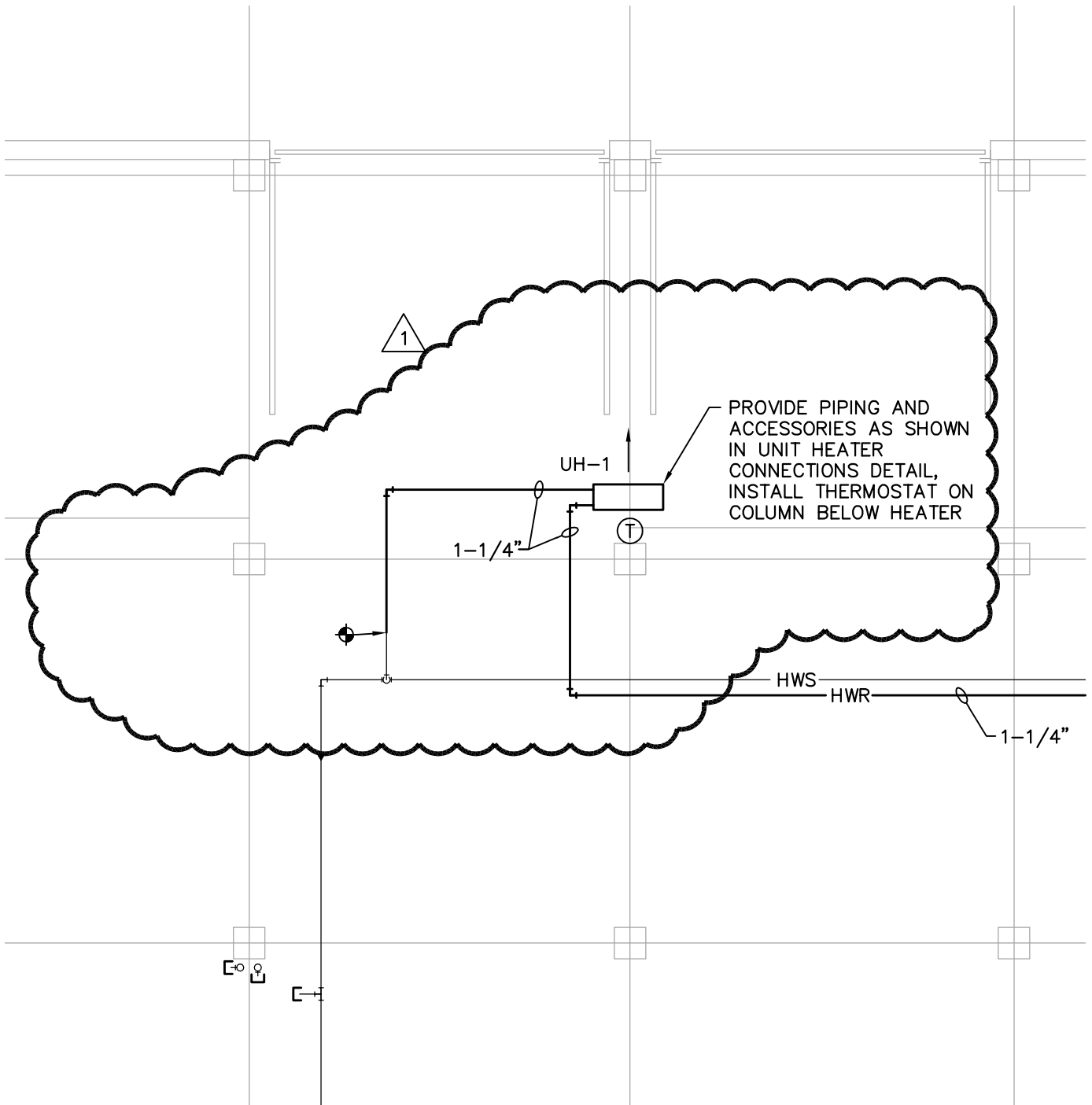
05-11-12

MECHANICAL DEMOLITION PLAN - LOWER LEVEL  
NDOR BOILER REPLACEMENT



Attachment No. MD1.1-1  
to Addendum No. 1  
Dated: June 1, 2012

DWG: F:\Projects\008-1417\ME\1-NDOR Boiler Replacement\Constructs\Mechanical\MHNBA.dwg  
DATE: Jun 01, 2012 9:31am XREFS: xref basement z-title MHDBA USER: bmostek



# MECHANICAL PLAN - LOWER LEVEL

SCALE: 1/8"=1'-0"

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(Sheet Number)

**M1.1**

(Project Number)  
008-1417  
(Drawing Number)  
101792  
(Date)  
05-11-12

MECHANICAL PLAN - LOWER LEVEL  
NDOR BOILER REPLACEMENT



Attachment No. M1.1-1  
to Addendum No. 1  
Dated: June 1, 2012

