



Addendum No. 2

Delaware Heath & Social Services
Springer Building Boiler, Pump and Piping Replacement
Herman M. Holloway DHSS Campus
OMB/DFM/DHSS Contract No: MC3501000044

Tt Project No. 200-26912-16017

Addendum No. 2
to
Drawings and Project Manual

July 24, 2017

To: ALL BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:
Original DRAWINGS dated July 12, 2017
PROJECT MANUAL dated July 12, 2017 and

Acknowledge receipt of the ADDENDUM in the space provided on the FORM OF PROPOSAL

This ADDENDUM consists of two (2) pages and the following:

CHANGES TO PROJECT MANUAL

1.1 Spec Section 00 41 13; Bid Form

- A. The Cost from the BAS Controls Contractor for Allowance No. 2 is \$20,000.00.
- B. **DELETE** page 00 41 13-1 of the Original Bid Form and **REPLACE** with “Revised page 00 41 13-1” attached to this Addendum.

1.2 Spec Section 01 21 00; Allowance

- A. Article 3.3; Schedule of Allowance
 - 1. Paragraph B; **CHANGE** the cost from the BAS Contractor from “\$30,000.00” to read “\$20,000.00.”

1.3 Spec Section 23 52 39; Fire-Tube Boilers

- A. Article 2.1; Vertical Fire-Tube Boiler.
 - 1. **CHANGE** Title to read “Vertical Water Tube Boiler”

2. **ADD** the following as an acceptable equivalent manufacturer. “4. Fulton Endura”

1.4 Miscellaneous

- A. Attached for your use is the BAS Controls Contractor’s Scope of Work.

CHANGES TO DRAWINGS

1.5 Sheet M-101

- A. 3/M-101; Partial Mechanical HVAC Plan – New Work – Boiler Venting and Combustion Air
 1. **INCLUDE** a new Chinese Cap on the Existing 36 inch Flue above the roof to cover the remaining opening from the rain.
- B. 4/M-101; Partial Mechanical HVAC Plan – Removal Work – Boiler Venting and Combustion Air
 1. Existing Flue: **MOVE** the Extent of Removal Symbol to include the 36 inch Tee.

END OF ADDENDUM NO. 2

Attachments:

00 41 13-1 Bid Form
BAS Contractor’s Scope of Work

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BOILER SYSTEM REPLACEMENT
At the
SPRINGER BUILDING - DHSS CAMPUS
1901 NORTH DUPONT HIGHWAY
NEW CASTLE, DE
OMB/DFM CONTRACT NO.: MC3501000044

BID FORM

For Bids Due: _____ (DATE) _____

To: State of Delaware
Office of Management and Budget
Division of Facilities Management
Thomas Collins Building, 3rd Floor, Suite 1
540 S. DuPont Highway
Dover, DE 19901

Name of Bidder: _____

Delaware Business License No.: _____ **Taxpayer ID No.:** _____
(A copy of Bidder's Delaware Business License must be attached to this form.)

(Other License Nos.): _____

Phone No.: () _____ - _____ **Fax No.:** () _____ - _____

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ _____ (\$ _____)

ALLOWANCE CERTIFICATION

Allowance # 1 Certification

We/I confirm that an allowance in the amount of \$ 10,000.00 has been included in the Contractor's Base Bid price for contingency items.

_____ (Date and Initial)

Allowance # 2 Certification

We/I confirm that an allowance in the amount of \$ _____ has been included for the BAS Controls. The cost from the BAS Contractor is \$ 20,000.00. Contractor shall add to this price their cost for their time and Mark-ups for Supervision and Coordination. Total Allowance Cost to be included in the Contractor's Base Bid price.

_____ (Date and Initial)



PROPOSAL

July 21, 2017

Scott Parlow
Tetra Tech
240 Continental Drive, Suite 200
Newark, DE 19713

Subject: SOD Holloway Spring Building Boiler Replacement Project
Automated Logic Building Automation System Proposal

Proposal: 072717SD

Dear Mr. Parlow,

We are pleased to present you with this proposal for an extension of the existing Automated Logic Building Automation System for the above referenced project. The proposed work is based on 'M' series drawings dated July 12, 2017.

Scope of Work

We will provide an extension of the existing Automated Logic BAS to meet the requirements of the plans and specifications including:

1. Automated Logic monitoring and control of the Hot Water System including the following:
 - a. Boilers (Qty 2)
 - b. Boiler pumps (Qty 2)
 - c. Hot water pumps with VFDs (Qty 2)
 - d. Monitoring of outdoor air temperature and humidity
2. Trending of all input, output, and setpoints throughout the system at 5 minute intervals.
3. Modify the existing WebCTRL operator workstation, including graphics of equipment, thermographic floor plans, trend views, alarms, and reports.
4. Engineering to design, program, perform front end setup and configuration, functional testing, commissioning, training, and as-built documentation.
5. Field labor to install, checkout and startup the new system.
6. Furnish hot water pump VFDs (Qty 2)

Clarifications

1. Demolition is **not** included.
2. Prevailing labor rates have been included.
3. We have **not** included installation of hot water pump VFDs. This work is assumed to be performed by the electrical contractor.
4. Installation work is assumed to be performed during regular business hours.

101 PONDS EDGE DRIVE, SUITE 201
CHADDS FORD, PA 19317

PHONE (610) 388-9940
FAX (610) 388-9945



PROPOSAL

5. Installation on the roof or exposed to outdoor conditions will be in rigid conduit with compression couplings and weatherproof boxes.
6. Installation in mechanical and electrical rooms will be in EMT.
7. Installation in concealed areas, inside walls, or above ceilings will be run as exposed plenum rated cable, properly supported.
8. Trenching or underground conduits are not included in this proposal.
9. Permits or bonding is not included.
10. Mechanical Contractor to install control valves, control dampers, temperature wells, pressure taps, shutoff valves and copper tubing for pressure devices.
11. We assume the mechanical contractor has included factory startup for HVAC equipment controls, additional costs will incur if Radius Systems performs startup for HVAC equipment.
12. We have not included any provisions for fire/smoke dampers, furnishing equipment, installing power wiring, control or monitoring of equipment. The system provided is not a UUKL rated system.
13. Interlock wiring for mechanical equipment outside of the ALC control wiring is not included in this proposal, i.e. fuel oil system wiring, chiller or cooling tower trim wiring, boiler trim wiring, plumbing systems, fire alarm system wiring, condenser interlock wiring, etc.
14. An Ethernet TCP/IP network jack will be provided by owner at the BACnet router and workstation to facilitate communication across the owner's LAN and to allow remote communication.
15. We have included a **two** year warranty on all parts and labor provided by Radius. Negligence or acts of God are excluded under the provisions of this warranty.
16. Payment terms are net 30 days based on monthly progress billing.
17. This price is valid for 60 days from the date of this proposal.

Pricing

Base scope as detailed above.....\$20,000.00
 (Twenty Thousand Dollars)

Thank you for this opportunity. Please feel free to call me at the office or on my cell phone with any questions.

Sincere Regards,

Chris Wecht
 Sales Engineer
 484-800-6347