

City of Lynchburg
Procurement Division
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Lynchburg, Virginia 24504
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**Addendum for Invitation for Bids
P.L. Dunbar M.S. Boiler Replacement and Heating System Alteration**

15-941

Date: 10/21/2014
From: Lisa Moss, Buyer VCA
RE: Addendum No. 1

This Addendum supplements and amends the original Plans and Specifications and shall be taken into account in preparing proposals and shall become a part of the Contract Documents. The Bidder shall indicate receipt of this Addendum and all previously issued Addenda on the Bid Form.

- 1. REVISION TO ADVERTISEMENTS FOR BIDS: Remove reference to drawings. There are no drawings on this project.**

2. What is the procedure to have other manufacturers products considered as equals for this project?
Per Specification section 230100, paragraph 2.5.C.: Submit a request for substitution for any manufacturer and model not stipulated. The Owner approval or disapproval of proposed substitutions shall be addressed by Addendum prior to receipt of bids.

- 3. REVISION TO ADVERTISEMENTS SCOPE OF WORK: Remove following sentence:**
“Disconnect, dismantle, remove and dispose of Weil McClain gas fired steam boiler located in central boiler room.”—This is no longer part of the scope for this project.

4. Is it a Delta T system?
(This is taken to mean: What is the ΔT of the hot water system?)
The original design temperatures and flow for the hot water heating system that will be heated by the two new hot water boilers is 120⁰F return water and 130⁰F supply water at 195 gpm with 7.5 ft of head pressure drop through the existing heat exchanger that is to be removed. The new boilers shall be installed with independent circulators and shall allow for approximately 40⁰F ΔT across each boiler using 120⁰F entering water, independent of the existing distribution loop that is to remain as currently balanced. Refer to Specification section 230593, paragraph 1.1.A. for documentation required.

5. What is the designated temperature for the boiler?
Refer to response to question #4 above

6. How and when is alternate equipment to be submitted for approval?
Refer to Specification section 230100, paragraph 2.6. and Instructions to Bidders section 5. Clarifications in the Project Manual. Revise section 230100, paragraph 2.6.A. to read – “All requests for substitution shall be received in writing at least seven (7) days prior to the time of receipt of bids.”

7. What is the current systems controls? Do you want to keep it as is or can it be changed?
The Contractor shall interconnect the new steam boiler with the existing controls to enable and disable the system as currently operating. The Contractor shall interconnect the new hot water boilers with the existing enable and disable signal as currently set to circulate the existing hot water loop. The staging and firing of the new hot water boilers shall be programmed using controls contained within, and to be provided with, the new boilers.

8. Is there gas in the rooms currently?
The existing natural gas supply for the new steam boiler is in place in the vicinity of the existing equipment pad where the new steam boiler is to be installed. There is currently no natural gas in the mechanical room where the new hot water boilers are to be installed.

9. Please clarify how scheduling of work should be done. Also clarify how work is to not interrupt school hours.
The steam boiler in the central boiler house can be done at anytime. No restrictions on access to the central boiler house. Installation of the condensing hot water boilers in the mechanical room in the West building will need to be scheduled so as not to disturb instruction. Evenings, weekends and holidays will need to be utilized if work will be disruptive.
10. Is final completion to be no later than 30 days after substantial completion date of Jan 2.
Yes, 30 calendar days.
11. Can the contractors utilize school restrooms or should they supply their own?
No restroom facilities are available in the central boiler house. Temporary facilities will need to be provided. For work in the West building; restroom facilities are available for use if work takes place after school hours. Temporary facilities will need to be provided if work is to be done during school hours.
12. Will there be a custodial charge for weekend work?
No
13. During the boiler shutdown will the contractor be responsible for supplying temporary heating?
If interruption of heat is during school hours, temporary heat will need to be provided by the contractor. However, it is anticipated that heating interruptions will be scheduled during non-school time.
14. Please provide the dimensions of the chimney stack.
The interior dimensions of the chimney stack in the west building are 24" x 24".
15. Is the roof under warranty ,where the refrigerant pipe comes out of building ?
Yes, the low roof where the refrigerant lines penetrate the roof is under warrenty. Woodall-Lang is the roofer.
16. The gas pipe and meter does not look big enough to supply the two new hot water boilers, will the city handle all changes to provide proper gas pressure to building ?
Yes, LCS will work with Columbia Gas to assure proper pressure.
17. Will a permit be required ? If so,will the city take care of the cost of permit ?
Permits required if called for by code. LCS will request waiver of fees.
18. Will the flue pipe for the new hot water heater have to go above the roof?
The flue and intake vent piping for the two new hot water boilers should be extended through the roof over the adjacent room at the Contractor's option.
19. Does the existing flue for the steam boiler get reused?
The existing steam boiler stack and breaching may be reused at the Contractor's option after coordinating with the new boiler and manufacturer's installation requirements.

Company Name: _____ Address: _____ Date: _____

Authorized Signature: _____ Title: _____

Print Name: _____ Telephone No.: _____

Fax No.: _____