



City of Cambridge

Purchasing Department

Cynthia H. Griffin
Purchasing Agent

TO: All Bidders
FROM: City of Cambridge
DATE: September 25, 2012
RE: File No. 5895 – Replacement of High Efficiency Condensing Boilers at the Water Department - Addendum No. 2

The general bid opening date has been changed from Thursday September 27, 2012 @ 2:00 p.m. to Thursday October 4, 2012 @ 2:00 p.m.

Specification Section 15555 has two modifications and questions were submitted and answered

1. Section 15555 – Boilers, Page 31: REPLACE “October 31, 2012” with “December 15, 2012”
2. Section 15555 – Boilers, INSERT Paragraph 3.01G as follows:
 - G. The Contractor shall isolate one existing boiler and maintain one boiler in service during the replacement work. The one boiler remaining in service must be adequate to provide temperature requirements as listed below, with supplemental temporary heat furnished by the Contractor if required to meet these requirements:
 1. Chemical room – 60 deg. F 24 hours/day, 7 days/week
 2. Office and Public area - habitable during business hours, Monday through Friday

Questions and Answers

1. Listed under venting on page 34, Section 2.02 line B. it states that the boiler should be vented using PVC or CPVC. The listed HYDROTHERM KN cast iron boilers cannot utilize PVC venting and require Stainless steel venting. Will Stainless Steel venting be approved?

Yes, stainless steel will be approved if it is listed within the manufacturer’s requirements and that documentation is provided.

2. On the roof there are mufflers that have been installed for the existing boilers. Will these have to be removed as part of the project?

No.

3. Can a common stack for both boilers be utilized or separate stacks for each unit? Will this be the discretion of the installing contractor?

A common stack can be used and may be accepted if deemed plausible by the contractor, and approved by the manufacturer.



4. Lead time for the boilers is four to five weeks after the approval of the submittals. This does not leave much time for equipment installation if the date of completion is October 31, 2012. Will the installation timeline be extended?

The intent is to isolate one boiler, such that one boiler is still online during the replacement work. The one boiler remaining in service must be adequate to provide temperature requirements as follows, with supplemental temporary heat furnished by the Contractor if required to meet these requirements:

- Chemical room – 60 deg. F 24 hours/day, 7 days/week
- Office and Public area - habitable during business hours, Monday through Friday

See modifications to Section 15555 in this Addendum.

5. Are there design drawings for this project?

No.

6. Who will be responsible for temporary heat if needed?

See response to #4.

7. The specifications refer to a HYDROTHERM KN cast iron boiler. Will stainless steel boilers from an alternate manufacturer acceptable?

No.

8. There is a fresh air duct vented from the roof to the mechanical room. Can the boilers be tied directly to this combustion air duct?

This combustion air duct can be tied into boilers if approved by the manufacturer.

9. Is there a preferred roofing company that the City of Cambridge utilizes for work on this roof?

The roof warranty is provided by Versico. The authorized vendor is Weather Shield, Inc., 69 West Street, Milford, MA 01757, 508-478-2044.

10. Is there a specific place that the neutralized water from the boiler and stack is to be drained?

Coordination should take place between Cambridge Water Dept and the Contractor. There should be a floor drain or other location for water within the Boiler Room.

11. Does the system operate with glycol? If so what type of glycol is used?

Yes, there is a 40% propylene glycol, 60% water mixture (please see specification section 15555 – 2.02.G). The product is SAFE-T-Therm Concentrate, Houghton Chemical Corp.

All other details remain the same.


CYNTHIA H. GRIFFIN
PURCHASING AGENT

Addendum No. 2