

BARRY GLASSMAN
HARFORD COUNTY EXECUTIVE

BILLY BONIFACE
DIRECTOR OF ADMINISTRATION



KAREN D. MYERS
DIRECTOR OF PROCUREMENT

**INVITATION FOR BIDS
BID NO. 16-168**

**REPLACEMENT OF BOILER SWITCHGEAR AND GENERATOR
AT 45 S. MAIN STREET**

ADDENDUM NO. 2

May 13, 2016

Ladies and Gentlemen:

The purpose of this addendum is to provide clarification (s) to all prospective bidders.

THE DUE DATE FOR THIS BID HAS BEEN EXTENDED. ALL BIDS ARE DUE TO PROCUREMENT BY 1:00 PM ON MAY 24, 2016. BID OPENING WILL BE ON THE SAME DATE AT 1:30 IN THE PROCUREMENT CONFERENCE ROOM. ADDENDUM NO. 3 WILL BE POSTED EARLY NEXT WEEK, ADDRESSING QUESTIONS NOT ANSWERED BELOW.

QUESTION NO. 1: Drawing M201 new work, most of the piping has no pipe size on the drawing. Are the sizes going to be the same as the demo pipe sizes?

ANSWER NO. 1: See mark-up attached.

QUESTION NO. 2: What size is the piping connection of the suction and discharge of each circulator to be able to size the proper suction diffuser and triply duty valve?

ANSWER NO. 2: See mark-up attached.

QUESTION NO. 3: Drawing M601 notes 8" heating return. Is that correct?

ANSWER NO. 3: No, this is a 3" main.

QUESTION NO. 4: Drawing M601 circulator P-8/P-9 show only a butterfly valve on each side of the circulator contrary to the circulator detail on M701. Is this correct?

ANSWER NO. 4: Butterfly is required on the one side and triply duty valve on the other side can be used for shut-off in lieu of adding an additional butterfly.

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QUESTION NO. 5: Drawing M701 boiler flue and intake notes provide support every 20 feet. Do we open the wall of the first floor ceiling level to get into the chimney or can we anchor it at the base of the chimney and top?

ANSWER NO. 5: Additional information will be forthcoming in Addendum 3.

QUESTION NO. 6: Please provide the name of the company who supplied fuel oil and maintained the oil tank service.

ANSWER NO. 6: Space Petroleum 9121 Red Branch Road Columbia, MD 21045 410-418-5500, contact is Taryn Ahnert. However, the awarded Contractor will be responsible for removing the tank's fuel.

QUESTION NO. 7: Drawing E002 electrical site plan new work shows scale at 1/8" =1'0". Is that correct for the generator pad which would be 8' x 25' for the generator to sit on.

ANSWER NO. 7: The pad shown on the drawings is approximately 8' X 25', however, refer to the generator pad detail on E501; the actual size of the pad will be determined by the generator to be installed.

QUESTION NO. 8: Is this a wage rated project?

ANSWER NO. 8: No.

QUESTION NO. 9: Can we use a gant bar chart?

ANSWER NO. 9: Yes.

QUESTION NO. 10: Is there a staging area outside the building for an office and 25' conex?

ANSWER NO. 10: Yes.

QUESTION NO. 11: Does the contractor pay for the permits?

ANSWER NO. 11: Permit fees are not applicable.

QUESTION NO. 12: Are we to remove all asbestos in the boiler mechanical room in its entirety? Do we provide our own hygiene for monitoring abatement?

ANSWER NO. 12: You (the Contractor) are responsible for removing all asbestos indicated in the specifications and for environmental monitoring as required.

QUESTION NO. 13: Can we abate during normal hours with the building being occupied?

ANSWER NO. 13: Yes. Adequate safeguards must be in place.

QUESTION NO. 14: Is the project schedule 6:30 to 4:00 day work?

ANSWER NO. 14: Normal hours are 7:00 am to 3:00 pm; refer to GC.16, but different hours can be accommodated if needed.

QUESTION NO. 15: Will the contractor be able to work on weekends at no additional cost, if required?

ANSWER NO. 15: Only if needed. We will coordinate details with the successful bidder.

QUESTION NO. 16: Spec section 15106-17/cc Balancing Valves - Can Flow Design be added as a manufacturer?

ANSWER NO. 16: Yes, must meet requirements of spec.

QUESTION NO. 17: Spec section 15110-5/2.2 - Can Apollo ball valves and butterfly valves be added to the list of manufacturers?

ANSWER NO. 17: Yes, must meet requirements of spec.

QUESTION NO. 18: Spec section 15130 - Can Taco and Armstrong be added as manufacturers, giving bidders three sources?

ANSWER NO. 18: Yes, must meet requirements of spec.

QUESTION NO. 19: Spec section 15515 Boilers - Can an equal boiler be submitted?

ANSWER NO. 19: Please refer to GC.11 Equal or Approved Equal.

QUESTION NO. 20: Referencing drawing M201-drawing note #44 "provide and install temporary 2'X6' louvered door and motor operated damper. Utilize existing actuator." – What size damper is required? Could a detail be provided?

ANSWER NO. 20: Note #44 is no longer valid since boilers are to be replaced before the next heating season.

QUESTION NO. 21: Referencing drawing M701 Boiler Flue and Intake Detail – There is a note to provide supports every 20" per the manufacturer's recommendation. Please confirm that flue is to be supported at 20 inch intervals. Also, is access to the inside of the chimney available to facilitate anchorage at specified intervals?

ANSWER NO. 21: Additional information will be forthcoming in Addendum 3.

QUESTION NO. 22: There is a Maintenance Bond attached to the forms but it does not say how many years the bond is in effect.

ANSWER NO. 22: Yes, 1 year, following Harford County acceptance of the work. Please refer to page GI-4.

QUESTION NO. 23: Referencing drawing M601 - Please confirm that the main HS/HR line is to be 8".

ANSWER NO. 23: Please refer to question/answer to #3.

QUESTION NO. 24: Please provide pipe sizing form HS/HR main to boilers.

ANSWER NO. 24: Please refer to question/answer to #1.

QUESTION NO. 25: Please provide capacity for AS-1.

ANSWER NO. 25: Air Separator capacity to match pipe size.

QUESTION NO. 26: Referencing General Mechanical Note #8 on drawing M001 and spec section 15515 sub 1.4-H - Please confirm that, even though 6" boiler flue and outside air was called out in drawing note #32 on drawing M201, engineered calculations are required.

ANSWER NO. 26: Flue calculations are required for the submitted boiler.

QUESTION NO. 27: Reference drawings M201 and M601, on M201 CH-1 and 2 bypass piping called out as 2" and HW-1 bypass piping called out at 1 1/2" but on M601 bypass piping called out as full size (CH-2 as 4" and HS-1 as 3"). Please clarify.

ANSWER NO. 27: Please refer to the markup provided for question #1 response.

QUESTION NO. 28: Is this a prevailing wage scale project?

ANSWER NO. 28: No.

QUESTION NO. 29: Who is responsible for relocating the old equipment the owner wants such as boiler burners, generator and ATS panels or does the Contractor leave on site?

ANSWER NO. 29: Any equipment to be retained by the County will be relocated by the County. The County has determined that they do not want to retain the existing generator, ATS, fuel tanks (and fuel). These items shall be removed by the Contractor.

QUESTION NO. 30: Will there be on-site parking for company trucks?

ANSWER NO. 30: There will be space for work trucks as needed. Contractor employees may be directed to park at nearby County owned parking lots at no cost.

QUESTION NO. 31: Will the Contractor need to furnish a temporary restroom?

ANSWER NO. 31: No.

QUESTION NO. 32: Is a weather cover needed around new air intake and exhaust vent at the top of chimney openings?

ANSWER NO. 32: Yes, please refer to the detail on M701.

QUESTION NO. 33: Is the duct bank shown on drawing E501 supposed to be concrete encased?

ANSWER NO. 33: The duct bank is not required to be concrete encased.

Sincerely,

A handwritten signature in blue ink that reads "Aaron Hall". The signature is written in a cursive style with a long horizontal stroke at the end.

Aaron E. Hall
Procurement Agent

AEH:KMD/kmd

cc: Ed Maley, DPW/Capital Projects

