



OFFICE OF PROCUREMENT SERVICES
335 FOUR MILE ROAD
CONWAY, SC 29526-6005

AMENDMENT/ADDENDUM No. 1

Posting Date: Thursday, February 2, 2023

Solicitation Number: 2223-26VS

Description: Myrtle Beach High (MBH) School Mechanical Renovations

ADDENDA: Addenda shall be issued prior to the bid opening date and time for the purposes of modifying or interpreting the Contract Documents through additions, deletions, clarifications or corrections. No addendum shall be issued later than four (4) days prior to the bid opening date except to a) withdraw the Invitation for Bids, or b) to postpone the bid opening date and time. When an addendum is issued for the purposes of postponing the bid opening date and time, the addendum shall establish the new bid opening date and time no earlier than five (5) days after the addendum issue date. Addenda shall be posted on the on-line bidding source(s) stated in the Invitation for Bids. A Bidder shall acknowledge receipt of all addenda issued by identifying the addendum number and the date of issuance with the Bidder's initials in the spaces provided on the Official Bid Form or the bid shall be found non-responsive in accordance with the District's Procurement Code. If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.

INTERPRETATIONS AND CLARIFICATIONS: Requests for additional information or questions regarding error, omission or clarification of any portion of the Bid Documents or the Contract Documents or any addendum, shall be submitted in writing to the District Bid Contact Person stated in the Invitation for Bids by e-mail or facsimile no later than five (5) days prior to the bid opening date and time unless an earlier date is stated on the Invitation for Bids or as may be amended. Any interpretations, corrections, or changes to the Bid Documents or the Contract Documents made in any other manner than by a written addendum shall not be binding, and Bidders shall not rely upon them. Any information given a prospective Bidder concerning a solicitation will be furnished promptly to all other prospective bidders as an addendum to the solicitation, if that information is necessary for submitting offers of if the lack of it would be prejudicial to other prospective bidders. See clause entitled "Bidder Representations." We will not identify you in our answer to your question. The District seeks to permit maximum practicable competition. Bidders are urged to advise the Procurement Specialist – as soon as possible – regarding any aspect of this procurement, including any aspect of the solicitation that unnecessarily or inappropriately limits full and open competition.

The bid opening date has been changed to **Friday, February 17, 2023 at 2:30pm.**

1. Does the rest of the school need to remain online while work is being done?
 - *Yes. The school has 10 secondary cooling loops that will allow for the school to remain online while work is being done. The only time that the entire school (minus the gym) will be down is when the cooling tower is taken down for the evaporative cooler.*
2. Can as-builts be submitted in lieu of coordination drawings?
 - *As-Built drawings can be submitted at the end of the project in lieu of overall coordination drawings with the exception of the work outlined in Alternate #3 (Mechanical Room M100 and Tower Yard M101). Contractor shall submit installation shop drawings for these areas to the engineer for approval prior to installation. Installation shop drawings shall be generated in REVIT to generate a 3D model of all piping and equipment to be installed in these spaces.*

3. How will maintenance and warranty start dates be addressed since the project will covers such a long time frame?
 - *Ideally, the work will be completed in sections. Once each section/portion of work (for example, by wing) is complete and has been signed off by the engineer and Owner, then the maintenance and warranty period will start. Therefore, there will be multiple maintenance and warranty start dates throughout the course of the project.*
4. Will there be any work done in the school by HCS IT or IT subcontractors during the summer?
 - *At this time, there is no IT work planned during the summer at MBH. However, there will need to be coordination between the contractor and HCS Technology prior to any ceiling tile being removed so that removal of access points and cameras can be arranged.*
5. Will any summer cleaning be done during the summer (including gym floors)?
 - *Yes. Horry County Schools' Building Services Department anticipates conducting typical summer cleaning throughout the building during the summer months. Coordination of work between the contractor and MBH Building Services staff will be required. Ideally, the Building Services staff will follow the Contractor through each phase/section of the building where work is being performed. Additionally, it is anticipated that the gym floor will be refinished during the last week of July (AFTER the allowable date for work in that area per Exhibit D).*
6. Clarify the relationship with HCS, the Contractor, and Johnson Controls.
 - *Horry County Schools will have separate contracts with both the Contractor and Johnson Controls Fire Protection. The contract with Johnson Controls Fire Protection will include the removal and reinstallation of the associated equipment as well as any necessary modifications. The physical mounting of the duct and/or CO detectors along the duct work shall be completed by the HVAC/Mechanical Contractor. Any additional conduit or device mounting back boxes pertaining to the fire alarm system shall be provided and installed by the electrical contractor. Additionally, the HVAC/Mechanical Contractor (or their electrical subcontractor) shall provide Johnson Controls with the corresponding shut down wires to the units if needed. Please also refer to Specification 16040, sections 2.02.D and 2.03.*

While HCS contracts directly with Johnson Controls Fire Protection, it is the responsibility of the General/Mechanical Contractor to coordinate their work with them to ensure efficiency throughout the life of the project.
7. Clarify the penetrations?
 - *The school has fire sub-ceiling lay-in. Penetrations will need to be firestopped.*
8. The following manufacturers are approved to bid subject to the requirements of the plans, specifications and contract documents:
 - *Specification Section 15417 – Instantaneous Water Heater – Aerco Innovation*
 - *Specification Section 15417 – Recirculation Pump – Taco 2400*
 - *Domestic Water Mixing Valve – Acorn*
 - *Stainless Steel Flue Piping – Jeremias*
 - *Domestic Water Expansion Tank – Taco*

- *Specification Section 15615 – Closed Circuit Evaporative Cooler – BAC*
- *Specification Section 15621 – Condensing Boiler-Dual Fuel – Aerco MFC3000 and Lochinvar Crest*
- *Specification Section 15745 – Water Source Heat Pumps Horizontal/Vertical – Climate Master*
- *Specification Section 15846 – Condenser Water Distribution System, Suction Diffusers – Taco*
- *Specification Section 15846 – Condenser Water Distribution System, Expansion Tanks – Taco*
- *Specification Section 15846 – Condenser Water Distribution System, Air Separator – Taco*
- *Specification Section 15846 – Condenser Water Distribution System, Circuit Setters – Taco*
- *Specification Section 15846 – Condenser Water Distribution System, Autoflow Valves – Griswold Controls*

9. Reference is made to specification section 15040, 2.12 – Guarantee, Section A:

- *The following equipment shall include a manufacturer's 5-year parts and labor warranty for the entire unit:*
 1. *Water source heat pumps*
 2. *Split system heat pumps*
 3. *Wall hung heat pumps*
 4. *Mini-split heat pumps*
 5. *Ventilation Air Units*
 6. *Evaporative Cooler*
 7. *Condensing Boilers*
 8. *Instantaneous Water Heater*
 9. *Condenser Water Pumps (primary and secondary)*
- *See specifications for any warranties on equipment components that exceed the above 5-year Parts and Labor warranty.*

10. Reference is made to sheet ME-104:

- *Contractor shall remove existing water heater vent piping and provide new Class IV stainless steel boiler vent piping from new instantaneous water heater to existing vent penetration and connect complete to cap at penetration. Existing water heater vent cap shall remain.*

11. Reference is made to sheet ME-112. Add the following note:

- *Contractor shall remove existing boiler breaching up to each roof flue penetration. Install double wall Class IV stainless steel boiler vent piping from each boiler and connect complete to discharge cap at roof penetration.*

12. Reference is made to the plans and specifications with regards to the Condensing Boilers – Dual Fuel (specification section 15621):

- *The plans and specifications require the dual fuel condensing boilers to accept both natural gas and #2 fuel oil as backup. Propane will be accepted as an alternate backup fuel for the boilers for this project. A 500-gallon propane tank shall be installed adjacent the tower yard M101, and LP gas shall be piped to each boiler as shown. See sketch MESK-1 for propane tank and piping required. Dual fuel boilers that accept either #2 fuel oil or L.P. gas will be acceptable for this project. The Contractor is responsible for all piping, regulators, and appurtenances from the L.P. tank to each boiler and for providing the concrete pad shown in the sketch. Note: If Condensing*

Boiler that accepts #2 fuel oil is provided, the new L.P. tank and associated piping is not required. If Condensing Boiler are provided with L.P. as backup fuel, Contractor shall demolish existing #2 fuel oil piping back to existing fuel oil pump controller, cap and abandon in place.

13. Reference is made to specification section 15010 – 1.05 Coordination/Coordination Drawings, Section D:

- *The mechanical contractor is responsible for producing a 3 dimensional (REVIT or equal) shop drawing for all mechanical, electrical and plumbing piping equipment in Mechanical Room M100 and Tower Yard M101 only. Shop drawings shall be submitted to engineer for approval prior to beginning work in this area. The remainder of the building shall be documented by the contractor in the close out "As-Built" plans and delivered to the engineer and Owner at the completion of the project.*

14. Reference is made to Sketch MESK-1 (attached):

- *Included in Addendum #1 outlining the installation of the new LP tank for emergency backup of CDB-1 and CDB-2.*

15. Reference is made to specification 15401 – Drain, Waste, and Vent Piping:

- *Condensate drain piping may be no-hub cast iron or Type "L" copper.*

16. Front End Specification revised in Section 0012300-1, 1.4 PROCEDURES, A., 2. To read:

- *Include, as part of the Base Bid ~~and as part of the Alternative Bid~~ the Owners Contingency allowance of \$100,000.00*

Attachments:

- Sketch MESK-1, dated February 2, 2023
- HCS Front End Specs – Rev 1
- 2223-26VS Mandatory Pre-Bid Sign In - Vendors