



UNIVERSITY OF VIRGINIA · FACILITIES MANAGEMENT

Capital Construction & Renovations Department
Office of Contract Administration Services

Revision to Contract Documents

Bid Addendum # 1

DATE: November 17, 2023

PROJECT: Mountain Lake Biological Research Station Wastewater Treatment Plant

PROJECT NUMBER: PJ00409; WORK ORDER #: 3299760

PROJECT MANAGER: Amy Moses; A/E: Timmons Group (Matthew Miller)

This document forms a part of the Contract Documents for the above project. Please make the necessary revisions to your documents to reflect these changes and include them in your Bid. **Acknowledge** receipt of any Bid Addendum in the space provided on your Bid Form. Failure to do so may result in rejection of your Bid.

Modifications / Clarifications

***Please note:** The original substantial completion date was to be obtained within 270 consecutive calendar days. The new substantial completion date is set for March 15, 2025.

Questions:

1. *"Topping Grout" is this required on this project, if so where?*

Response: Topping Grout is not required. A standard grout specification is provided in case the need for a particular grout arises.

2. *Equipment Schedule for Split System, Specification 23 81 26 is missing, please provide.*

Response: The specification is included with the revised documents.

3. *Please provide a specification for the Pre-cast manhole, valve vault, wet well, and post aeration tank.*

Response: The applicable parts of Specification 03 30 00 should be used. Section 2.15 should be used for the concrete mix. Refer to Specification 33 31 00 for requirements on manholes.

4. *Please provide a specification of Model number for the Portable Eyewash Station.*

Response: The portable eyewash station should be Guardian G1540 or approved equal.

5. *Does this project have Davis Bacon requirements and/or Buy American, domestic only requirements?*

Response: No, neither of those requirements apply to this project.

6. *Please provide the shipping weights, and the manufacturers lifting and rigging plan for the basis of design Packaged WWTP.*

Response: The manufacturer and the manufacturer's representative can provide the requested information. The manufacturer's representative contact information is as follows:

Steve Staton
Commonwealth Engineering & Sales, Inc
303 Ashcake Rd., Suite G
Ashland, VA 23005
Phone: 804-752-2959
steves@commengsales.com

7. *Please confirm that there are no DDC or BAS controls associated with the HVAC systems. It appears that the Heater, Fans, and Dampers are all controlled by line voltage thermostats, and the Split System is controlled by on board self contained control system.*

Response: Confirmed. The HVAC controls are intended to be stand alone.

8. *The extent of required controls/integration supply from the Packaged Wastewater Treatment Plant Manufacturer is not apparent. It looks like all of the Treatment Plant Controls are done by the Process Tank Control Panel, Pump Station Control Panel, and the UV Treatment Control Panel. Also, that all of the programming is to be pre-packaged by the Packaged WWTP Manufacturer, and the only outside communications will be via the Owner furnished Satellite Alarm Monitor. Is this correct, if not please provide information and scope for any additional SCADA requirements.*

Response: Yes, controls across the WWTP are performed by the influent pump station control panel, packaged plant control panel, and UV treatment control panel. Programming for each control panel will be performed by each respective equipment supplier. Refer to Specification 25 14 16 for influent pump station control panel, specification 46 07 53 for the packaged plant control panel, and specification 46 66 53 for UV treatment control panel. Yes, the satellite alarm monitoring unit shall act as the alarm system. Refer to the electrical drawings and specification 46 07 53.

The Contractor is responsible for furnishing a complete and fully functioning WWTP. The Contractor should coordinate appropriately with each equipment supplier.

9. *Will UVA be paying for the third party Inspections and Testing?*

Response: Yes, UVA will manage and pay for third party inspections.

10. *Electrical Note #8 states that we are to relocate an existing Alarm Dialer Panel (ADP) and install the Satellite Controller outside. Is the Satellite Controller also existing? Who is responsible for setting up the ADP, and Satellite Controller programing and server connections? We have not found a specification for either item, please advise.*

Response: The Satellite alarm unit will be provided by the Owner. The Contractor is responsible for setting up the ADF, and Satellite alarm unit programming and connections. Please refer to specification 46 07 53, Section 3.2.

11. *Drawing M1.0 calls for Raven 405 @ 250 mils for inside the wet well. Specification 33 31 00 calls for Koopers Bistamastic #300-M @ 16 mils for the Manholes and Wet Well. Please confirm which is correct. Also, what coatings are required for the Valve Vault and Post Aeration Tank? And does the existing manhole require coatings?*

Response: The influent pump station wet well shall receive a 250 mils lining of Raven 405 per Sheet M1.0. No coatings are required for the valve vault and post aeration tank. The existing manhole that the effluent will tie into does not require a coating. Per specification 33 31 00, the new doghouse manhole will require a coating.

12. *From notice to proceed, time to substantial completion shall be 270 days. We feel that this duration will not allow us time to perform the tie in and new plant start up during the facilities off season. As it stands, a January NTP would require us to be substantially complete in September 2024, ahead of the October off season. Please consider extending the time frame.*

Response: The substantial completion date shall be changed to March 15, 2025. This is a hard date. No extensions will be allowed. The new WWTP must be fully operational before the 2024 Biological Station Season commences.

13. *It was discussed in the pre-bid meeting that the University would supply water for this project. Will the water be available for start up and testing? If not is there another on site source available such as Riople Pond?*

Response: Yes, the University will provide water.

14. *"Provide signed and sealed calculations by PE" Since the material size and style has already been designed is this requirement necessary for the Post Aeration Tank cover ?*

Response: Yes, each manufacturer's design differs so this should be provided for the specific product being submitted by the manufacturer the Contractor selects.

15. What are the limits of intended supply for the basis of design WWTP manufacturer, and where does the Contractor pick up. It appears that the Manufacturer has a large scope of supply, but the drawings do not indicate where that supply ends and where the Contractor is to pick up. For example, how far does their piping and electrical extend? Tie in points would be helpful.

Response: The Contractor is responsible for providing a fully functional and complete WWTP in accordance with the project documents. Coordination with the Contractor’s sub-contractors and selected manufacturers is the responsibility of the Contractor.

16. Specification 26 05 00 states that “The electrical subcontractor shall pay for all temporary power used during the course of construction. All charges for electrical energy passing through the owner’s electrical service connection prior to placing the system in operation shall be at the contractor’s expense” It was stated at the pre-bid meeting that Electric, and Water would be available for construction use. Is that correct? Or the paragraph above from the spec?

Response: Yes, Typically on university projects, the University pays for all utilities on the project.

17. During the pre-bid meeting, a question was posed on about restroom facilities available to the Contractor.

Response: The Contractor shall include in their bid one port-a-john facility to be used at the site.

18. During the pre-bid meeting, a question was posed on the topic of disposal of unsuitable material and excavated rock. It was asked if there was the opportunity to spoil on site?

Response: While there will be the need for backfill in areas of the demolished WWTP, unsuitable material and excavated rock shall not be used as backfill but shall be transported offsite and properly disposed of. All earthwork shall be performed in accordance with Specification 31 00 00.

END OF ADDENDUM NO. 1

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Project Manager	Date	A/E	Date