



Office of the Vice President
and Chief Financial Officer
Procurement Services
<https://procurement.ufl.edu/>

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March 17, 2022

ADDENDUM NUMBER 1 ON INVITATION TO BID ITB22KO-129

TITLE: Water Reclamation Facility Filtration System Replacement

Non-Mandatory Pre-Bid Meeting was held at the site on March 3, 2022 at 9:30 AM. **Bid opening** will be held March 24, 2022 at 3:00 PM in UF Procurement Services, 971 Elmore Drive, Gainesville, FL 32611.

This addendum shall be considered part of the Contract Documents for the above-mentioned project as though it had been issued at the same time and incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract documents, this addendum shall govern and take precedence. Bidders are hereby notified that they shall acknowledge receipt of the addendum.

This addendum consists of:

- Notice: A non-mandatory site visit will be held at 9AM on Friday, March 18, 2022 at the site. This will be the last opportunity to visit the site prior to the bid due date. Parties interested in attending should email Karen Olitsky at kolitsk@ufl.edu no later than 8AM on Friday, March 18, 2022.
- Contractor Questions and Answers.
- Engineer's Addendum No. 1.
- Notice: Filter shop drawings and Engineer's review comments are available by request by contacting Karen Olitsky at kolitsk@ufl.edu.
- Reminder: Bids are due no later than March 24, 2022 at 3:00PM. See 00100 INSTRUCTION TO BIDDERS, 1.4 BID FORM.

Karen Olitsky
Procurement Agent III

**PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM 1 AND RETURN WITH YOUR BID.
FAILURE TO ACKNOWLEDGE THIS ADDENDUM COULD CONSTITUTE REJECTION OF YOUR BID.**

VENDOR NAME

VENDOR ADDRESS

SIGNATURE

ITB22KO-129 Contractor Questions and Answers

- Q1. Will the bid opening be rescheduled for a later date?
- A1. No.
- Q2. What is the Engineer/Budget/Project Estimate?
- A2. The Engineer's estimate is \$1.6M.
- Q3. Is this ITB available for all bidders or a pre-selected group of UF contractors?
- A3. This ITB is open to properly licensed experienced water and wastewater contractors that can meet the specifications and qualifications in the bid documents and any addenda.
- Q4. Please confirm that No Bid Bond is Required with this Bid? If a Bid Bond is Required, please confirm that it is for 10% of our Total Bid?
- A4. No Bid Bond is required.
- Q5. Does the bidder need to submit References with their bid?
- A5. No. Reference may be requested as described in 00100 INSTRUCTIONS TO BIDDERS, 1.7 QUALIFICATION OF BIDDERS.
- Q6. Per 00100, 1.7, how does a contractor determine if they have been pre-qualified with Procurement Services within the current fiscal year?
- A6. Contractors that have not provided services directly to UF during the current fiscal year may be asked to provide qualifications described in 00100 INSTRUCTIONS TO BIDDERS, 1.7 QUALIFICATION OF BIDDERS.
- Q7. Does the bidder need to submit subcontractor references if the subcontracted package is greater than \$10,000?
- A7. Yes, see 00100 INSTRUCTION TO BIDDERS, 1.8 SUBCONTRACTS and 00430 SUBCONTRACTOR LISTING.
- Q8. Are there liquidated damages? If yes, what are they?
- A8. There are no liquidated damages.
- Q9. In the General Requirements it states that this project is to comply with Davis-Bacon Wages. Please provide the required Davis Bacon wage rates for this project.
- A9. Davis Bacon wages apply to federally funded projects. This is not a federally funded project.

Q10. Please provide an Elevation Certificate which is necessary for insurance companies to quote the flood insurance required for this project.

A10. No Elevation Certificate is available.

Q11. What is the make and model of existing MCC5, MCC6 and panel LF?

A11. MCC-5 and MCC-6 are GE 8000 Line Motor Control and Panel LF is a GE.

Q12. Is there a preferred I&C vendor or vendors that are familiar with the current SCADA system?

A12. Currently the systems integrator working on a SCADA project at the plant is Commerce Controls. However, there is no requirement to utilize Commerce Controls on this project. This shall be up to the Contractor.

Q13. Is there a Geotech Report available for this area/site? If the report is not available, can you confirm the approx. elevation of groundwater?

A13. No geotechnical report is available.

Q14. What is the expected delivery date of the filters?

A14. The anticipated date for delivery from the manufacturer of the disc filter (Aqua Aerobics) is June 2022.

Q15. What is the completion time for this project?

A15. See 00100 INVITATION TO BID, 1.15 TIME OF COMPLETION.

Q16. Specification 13620-2.03. The specifications identify that the Controller that goes with the Hach Analyzer is to be Hach SC-200. It appears this controller device will be obsolete by May 2022 with the successor model being the SC4500. Assuming that new/current technology will be utilized, please correct the model; otherwise state continued use of the SC-200.

A16. The University is currently using multiple Hach SC-200 controllers for various analytical equipment. Therefore, for consistency, please use SC-200.

Q17. Specification 13620-2.02. Drawing M1.01; I2.00. Drawing M1.01 shows AIT-501 as an existing Turbidity Analyzer, and AIT-502 as a proposed-new. I2.00 shows both analyzers to be existing. Please clarify which is correct, and which is in error. Concerning the Turbidity Analyzers, one or both may be something that was recently added or soon-to-be-added under present or recent projects at this site.

A17. AIT-501 is an existing turbidity analyzer which is to be re-installed into a new NEMA 4X 316 S.S. enclosure per M1.05. AIT-502 is new turbidity analyzer to be installed in a new NEMA 4X 316 S.S. enclosure per M1.05.

Q18. Specification 13620-2.04. Drawing I1.10. There do not appear to be any requirements, in the Specifications or on the Drawings, for TVSS on the CAT5 cabling connecting the Vendor Filter PLC's to the Owner's existing Network Switch. If the Filter-Package Supplier is not required to, or intend to, provide the TVSS at both ends (Filter PLC and Owner's Network Switch), then perhaps this can be provided by I&C System Integrator. But clarification is requested here.

A18. The connection between the Vendor Supplied Filter PLC and PLC-400 shall be via Ethernet as shown on Drawings I1.10 and E4.00 Note 13. Ethernet Surge Suppression is added via Addendum No. 1.

Q19. Specification 13620-2.01-A; 13620-2.01-E-6-e; 13620-2.02-A-1; 13620-2.02-C-4,5. The Specifications identify that the Instrument panels are to be powder-coated white. On previous projects for this site, request was made for powder-coated white, with rejection of request resulting in non-painted 316SS provision. Please clarify whether the panels are to be painted or just stainless.

A19. All panels/enclosures shall be 316 S.S. (no powder coating is required). Please see revisions to the respective technical specifications as part of this Addendum No. 1.

Q20. Specification 13620-2.01. The Ultrasonic Level/Flow specification identifies that the Transducer is to be 304SS Encapsulated and identifies its make/model as Siemens XPS-10. The XPS-10 is standard with a PVDF housing. It is noted that the PVDF housing would be adequate for the application, considering location and environment. Please clarify.

A20. Either material will be considered acceptable.

Q21. Drawing E7.00, E8.00; I1.10, I2.00, I2.01. The Drawings show much of the power coming from MCC-5 / 6 which is in the North Electrical Room. But for the new Process Equipment and Instruments (new valves, flowmeters, etc.), the signals are terminated and integrated into PLC-400 (which is in the South Electrical Bldg.). Would consideration be made for bringing all signals to PLC-300 instead of PLC-400, so that all the signals (power, ethernet, PLC signals, etc.) run the same way? Might this inquiry be re-visited at an early point of the construction phase?

A21. No, circuits and I/O will terminate as designed.

Q22. Specification 13610. There is no listing of approved System Integrator(s) in this Specification section. Commerce Controls requests that we be listed here.

A22. No there is no list of approved Systems Integrators. This is up to the Contractor. He should list the Systems Integrator per 00100 INVITATION TO BID, 1.8 SUBCONTRACTS.

Q23. The spec 15062.2.09.A says flanges to be made in the USA. I cannot find anything for any other materials (fittings, etc) that state this requirement. Does the ductile iron material have to be made in the United States? Is there a "Buy American" requirement for this project? Does all the steel for this project have to be American made?

A23. Typically, flanged piping is fabricated (assembled) in the USA, therefore, no change will be made. There are no other requirements for "Buy American".

Q24. Section 01152 Application for payment - 1.01.C. states that the University of Florida will NOT pay for stored materials on this project. 1.04. A.4. gives a process for paying for stored materials. Will you pay for stored materials on this project?

A24. The University will not pay for stored materials per Section 01152, 1.01, C.

Q25. What are all the areas where the geomembrane liner is terminated?

A25. Geomembrane liner is terminated at flat top of all concrete walls per detail, Sheet M1.00.

Q26. There are multiple white areas between the cells and the channels on drawing M1.00. Will the geomembrane liner be terminated at each of these areas?

A26. No, while openings are small openings in the grating, the liner will cover over these. The geomembrane is to cover all areas where there is grating. Except where we show on M1.00 to cover with an aluminum plate. The "white" areas that appear to be noted is the concrete between the filters, which should be used to bolt/attach the geomembrane per details on M1.00.

Q27. What are the 4 sets of white boxes in each cell? Will the geomembrane liner cover these areas? If not, how is it to be terminated at them?

A27. The white boxes are small openings in the grating. The geomembrane will cover these openings.

University of Florida Wastewater Reclamation Facility Filtration System Replacement Project (UT-00348-1070)

Addendum No. 1

The following are revisions and/or clarifications to the Bid Documents (Drawings and Technical Specifications).

A. TECHNICAL SPECIFICATIONS

1. Section 16135 Electrical Boxes, Control Panels and Fittings

DELETE the following paragraph from Section 16135, Part 2.01, F.:

“3. The control panel enclosure(s) shall be coated in a white polyester powder finish to reduce absorption of solar radiation.”

B. DRAWINGS

1. Drawing E4.00

ADD General Note #4 as follows:

“ETHERNET AND REMOTE I/O DATA CABLE SURGE SUPPRESSION. ALL NON-FIBER COMMUNICATION CABLES LEAVING A PLC PANEL OR A NETWORK ENCLOSURE SHALL BE EQUIPPED WITH A SURGE SUPPRESSION DEVICE CAPABLE OF PROTECTING THE COMMUNICATION CARDS IN THE EVENT OF A VOLTAGE SPIKE ON THE COMMUNICATIONS LINE. ADDITIONAL ETHERNET PATCH CORDS SHALL BE PROVIDED WHEN IT IS REQUIRED TO USE THE ETHERNET DATA SURGE SUPPRESSOR. ACCEPTABLE PARTS SHALL BE PHOENIX CONTACT DATATRAB SERIES.”

END OF ADDENDUM NO. 1