



ADDENDUM #1

ISSUE DATE: March 21, 2023

INVITATION FOR BID IFB #23-4510-0259

Old Stage Road Booster Pump Station

Department of Budget & Finance

17090 Monument Circle, Suite 137

Isle of Wight, VA 23397

<http://www.Isleofwightus.net>

This Addendum supplements or modifies the original Solicitation noted above and is made part of the Invitation for Bid and resulting contract documents. The following modifications are included as part of this Addendum:

This Addendum announces a **NEW BID DUE AND BID OPENING TIME AND DATE.**

The bid due time/date has been changed to: **2:00 PM EST. on April 20, 2023**

The bid opening time/date has been changed to: **2:30 PM EST. on April 20, 2023**

See revised plan sheets M1 and M2 and updated specification section 11220 attached.

Note the following Question(s) and Answer(s) below:

1. The Invitation for Bid states that a bid bond is required. Please clarify how much the bid bond should be for.

Response: The bid bond shall be 5% of the lump sum bid.

2. Please confirm that the building permit will be obtained by the Owner. If not, then please provide the cost.

Response: The building permit will be obtained by the contractor. All trade permit fee including building permits have been waived for this Project.

3. Please confirm that trade permits can be obtained at no cost to the contractor. If not, please provide the cost.

Response: Trade permit fees have been waived for this project.

4. Please clarify if this project is sales tax exempt.

Response: All materials purchased for this project are exempt from state sales tax.

5. Questions regarding Specification Section 11200 – Domestic Water Packaged Booster Pumps:

- a. 1.03- NSF 61/372 3rd party certification for materials suitability in municipal drinking water application

Response: NSF 61/372 third party certification have been added to section 1.03

- b. 2.02-A-4. Request NPSHr value be raised to 18'. It is understanding that this is booster pumping station with influent pressure and abundant NPSHa.

Response: There will not be any changes to NPSHr during this stage in the bidding process.

- c. 2.02-B-4. Request NPSHr value be raised to 10'. It is understanding that this is booster pumping station with influent pressure and abundant NPSHa.

Response: There will not be any change to NPSH R at this point in the bidding process.

- d. 2.02-C-2. Recommend maximum brake horsepower of less than 50 hp to ensure specified motor rating is non-overloading.

Response: There will be no change in brake horsepower. The VFD will limit the motor speed based on flow limitations established by the Town of Smithfield.

- e. 2.02-C-3. Request maximum nominal operating speed of 3,600 rpm.

Response: There will be no change to the pump operating speed at this time.

- f. 2.03-B-1. Leaded bronze is not acceptable for drinking water applications per NSF 61 & associated NSF 372. Alpha Nickel Aluminum Bronze impeller recommended for compatibility with chlorinated drinking water.

Response: Section 11220 has been revised to address this change.

- g. 2.03-C. Stainless steel wear rings recommended in lieu of leaded bronze for drinking water applications.

Response: Section 11220 has been revised to address this change.

- h. 2.03-I. Request allowable motor speed of 3,600 rpm to better fit high head hydraulics.

Response: There will be no change to motor speed at this time.

- i. 2.03-I-2 thru 5. These requirements appear to be for submersible type motor and do not apply to horizontal TEFC type motor.

Response: Section 11220 has been revised to address this question.

- j. 2.04-B. Variable frequency drives (VFD) appear to be designed for installation in custom Motor Control Center (MCC) by local integrator. Therefore, VFD supplied with pump will be chassis drive without complete enclosure, controls, etc. and cannot be shipped to pump manufacturer's plant for testing as complete unit. However VFD can be factory tested and supplier has package responsibility as specified in paragraph 1.01-B.

Response: The pump control panel supplier will also be the system integrator. The supplier is to provide the motor control center complete with the VFD, reduced voltage starter, PLC, circuit breakers, etc. as shown on the MCC elevation drawing, sheet E6.

6. Questions regarding Specification Section 16690 – Variable Frequency Drives:

- a. 1.01-B. The requirement for VFD to be furnished by pump control panel supplier contradicts specification section 11200, which requires VFD to be supplied as a package with pump and motor. Please clarify if VFD is to be supplied by pump/motor supplier or integrator.

Response: The pump control panel supplier will also be the system integrator. The supplier is to provide the motor control center complete with the VFD, reduced voltage starter, PLC, circuit breakers, etc. as shown on the MCC elevation drawing, sheet E6.

- b. 2.01-B-1. Plans show VFD in MCC; which would typically house an open chassis or Nema 1 enclosed VFD. Please clarify.

Response: Correct. The VFD would be an open chassis mounted in the MCC. The MCC is NEMA 12, gasketed enclosure per 16100, 2.01-B.

- c. 2.02-G. Clarify if bypass reduced voltage starter shall be supplied by pump/motor supplier or integrator.

Response: The pump control panel supplier/system integrator to supply the reduced voltage starter.

- d. 3.01-A/B. Clarify who JCSA is and their involvement in project.

Response: Disregard reference to JCSA.

7. Regarding shoring, please specify the depth of excavation for the pump station or provide a profile view with measurements.

Response: Pump station profile elevations are indicated on the updated sheets M1 and M2 distributed with this Addendum 1. See Sheet M1, Section B for the proposed pipe trench elevation below the station.

8. Refer to Natural Gas Piping Requirements Note 11 on drawing E2. This note states that the contractor shall be responsible for cost associated with Dominion Energy and the local gas company. The utilities typically require the owner to pay this cost as the owner/engineer know all the requirements. Please confirm the owner will pay this cost associated with Dominion Energy and the local gas company or provide an allowance amount that the contractor should carry in the bid.

Response: The Owner will pay the costs associated with Dominion Energy and local gas company in regard to providing service to the station.

Contract Officer: _____

Erin Wishall, Purchasing Agent, ewishall@isleofwightus.net

****AN ELECTRONIC DOCUMENT SHALL BE PROVIDED****

Erin Wishall, Purchasing Agent, is the contract officer for Isle of Wight County with respect to this RFP. All questions and/or comments should be directed to him at ewishall@isleofwightus.net. The respondents to this RFP shall not contact, either directly or indirectly, any other employee or agent of the County regarding this RFP. Any such unauthorized contact may disqualify the offeror from the procurement.