



CITY OF SUFFOLK

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ADDENDUM NO. 2

City of Suffolk
IFB #18072-JS
June 5, 2018

Purchasing Division
442 Market Street, Room 1086
Suffolk, VA 23434-5237

http://apps.suffolkva.us/bids/bid_search_all.jsp

The Invitation for Bid (IFB) for IFB 18072-JS for Water Treatment Plant Improvements Project for the Department of Public Utilities has been amended.

All bid submittals shall conform to this Addendum. Bidders are responsible for familiarizing themselves with the modifications and the effect they may have on the scope of work.

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of the G. Robert House, Jr. WTP Surface Water Treatment Facilities Improvement Project, dated May 2018, as fully and completely as if the same were fully set forth therein:

New Bid Opening Date: June 19, 2018 at 3:00 PM

The new proposal opening date supersedes the previous opening date.

A. PART 1, PROCUREMENT REQUIREMENTS

1. Section 00 11 13, Invitation to Bid
First paragraph, REVISE the bid receipt date to the 19th day of June 2018.
2. Section 00 43 13, Bid Bond
REVISE the Bid Due Date to June 19, 2018.

B. PART 3, SPECIFICATIONS

1. Section 40 27 00, Process Piping – General, Supplement Piping Schedule
REVISE the specification reference for Storm Drain service to 22 10 01.02.

The following questions and answers are incorporated in the bid:

Q1: Specification Section 10 14 00 Signage Supplement Schedule shows no Type E or F signs, it is our interpretation that none are required. If this is incorrect, please address by addendum.

A1: Correct, no Type E or F signs are required.

Q2: Reference Specification Section 09 67 00, Fluid-Applied Flooring, the finish schedules do not indicate where this flooring is to be installed. It is our interpretation that no Fluid-Applied Flooring is required on the project. If this is incorrect, please address by addendum.

A2: Correct, VCT is the only floor finish required.

Q3: Specification Section 10 80 00 Miscellaneous Specialties states that the size of the Magnetic Writing Boards, Vinyl Link Mat, and Tackboards will be indicated on the drawings. The drawings do not show any of the listed items. It is our interpretation that there are no Miscellaneous Specialties required. If this is incorrect, please address by addendum.

A3: Correct, these items are not required.

Q4: Please reference Door Frame Type F-1 on Drawing 070-A-601, which is labeled "Single Door with Translucent Panel", but is drawn as a standard door frame. It is our interpretation that the frame is to be supplied as drawn, with no translucent panel required. If this is incorrect, please address by addendum and provide a revised detail indicating the size and layout of translucent panel desired.

A4: Correct, no translucent panel is required.

Q5: Reference Note 2 on 040-S-101. Please provide intent of temp support or additional information on the degree of shoring required. Are we to provide shoring to remove all loads from the column? What loads, load combinations or building code should be used? Should we consider seismic loads? Is this a pre-engineered metal building? If so who is the manufacturer?

A5: The structure is a pre-engineered metal building, believed to have been manufactured by Ceco Building Systems. The temporary shoring is intended to be a precautionary measure added during welding at the base of a column. The concern is that the welding process may weaken the column temporarily in a localized area. The temporary shoring is only required adjacent to the column to be welded.

The shoring needs only to be designed for the dead load of 20 psf from the roof, assuming there is no snow and no persons on the roof during the welding. Earthquake and wind loads do not need to be considered, provided welding is not performed during a high wind condition (forecasted wind gusts over 50 mph). "Off-loading" the column with hydraulic jacks is not necessary.

Q6: Do you allow tapping into the barrel of ductile iron flanged pipe? Do you require all taps on pipe barrels to have service tapping saddles? Some pipe are shown with what appears to be taps on the pipe, like at the Raw Water Pump Station and then in the Filter Gallery we see service saddles on the pipe. Please review and clarify.

A6: See Section 40 27 00, Process Piping – General, Paragraph 3.11.C.1.

Q7: The pipe schedule in specification section – 40 27 00 does not indicate stainless steel pipe for any of the service lines. We also do not find a specification paragraph describing stainless steel pipe and fittings. Looking on drawing 030-M-202, Isometric detail – 1, we notice a ¾" SST line from the filter pressure tap screen to the PDIT on the instrument panel. This appears to be typical for all three filter cells. Please review and clarify the stainless-steel pipe to be provided for this line.

A7: See Section 40 90 11, Instrument and Panel Subsystem (IPS), Paragraph 2.03.D.

Q8: The pipe schedule in specification section – 40 27 00 has a listing for Storm Drain, SD pipe with a specification reference – 22 10 01.12. We do not see any storm drain pipe on the plans. We also do not find this referenced section in the specifications. Please review and clarify this storm drain line listing.

A8: See Sheet 032, Drawing No. 004-YP-102. New SD piping should match existing, which is believed to be PVC. Revise specification reference in Piping Schedule to 22 10 01.02.

Q9: The pipe schedule in specification section – 40 27 00 has a listing for Sump Pump Discharge, SPD. There is no specification section for sump pumps. We have not been able to find a sump pump discharge line on the plans. Please review and clarify the location of a sump pump.

A9: See Sheets 84 and 85, Drawing Nos. 030-BS-101 and 030-BS-102, respectively, and Section 22 30 00, Plumbing Equipment, Paragraph 2.02 and Data Sheet Duplex, Submersible Sump Pump.

Q10: SERVICE SADDLES: Specification section 40 27 01 – 5, 2.06, is listing paragraph – A, a double strap iron saddle and then paragraph - B, is listing a Nylon Coated Iron saddle. There is no indication as to where these two different service saddles are to be used. Is one for exposed service and one for buried service? Please review and clarify where each type of saddle is to be used on the project.

A10: See Section 40 27 01, Process Piping Specialties, Paragraph 3.05.

Q11: FLOCCULATION AND CLARIFICATION TREATMENT UNITS AREA DRAIN: Drawing 020-M-101 and M – 201 are showing a new 6 " drain line to connect to the existing drain line. The section view is showing the drain line coming up to a flange pipe end and a stainless steel screen bolted to the flange. We looked in the pipe schedule for drain lines and found a D – Sanitary Drain with cast iron soil pipe and then a Process Drain – DR, with 3 inch and smaller PVC pipe. We did not find a drain line indicated to use

ductile iron pipe and fittings. We are wondering if this drain line fittings must be restrained? Can the 6 " drain pipe be CL350 cement lined ductile iron pipe? Please review and clarify this drain line materials and joints.

A11: Provide cement lined ductile iron pipe as per callout on Sheet 050, Drawing No. 020-M-101. Piping restraint is not required.

Q12: Notes on the door schedule for the Filter Building. Please reference 030-A-601, 030-A-101 and 030-A-102. The note for doors 030-104B, 030-106B, 030-106C and 030-106D indicate that these hollow metal doors need to be built resist a certain wind pressure. But, these openings appear to be interior. Does the wind pressure requirement really need to apply to these doors?

A12: No wind pressure resistance is required for interior doors.

END OF QUESTIONS

Contract Officer:


Jay Smigielski, Purchasing Agent,

All other specifications, provisions, terms and conditions are unchanged.

Bidder shall acknowledge receipt of addendum on Bid Form. Failure to do so may result in disqualification of bid.

If you have any questions regarding this Addendum, please contact Jay Smigielski, Purchasing Agent at jsmigielski@suffolkva.us