



Procurement Department Bid Office
Customer Center 1st Floor, Room 002
21 W. Church Street
Jacksonville, Florida 32202

November 24, 2020

ADDENDUM NUMBER: Four (4)

TITLE: Construction Services for the Holiday Road Master Pump Station (MPS) Rehabilitation

JEA IFB NUMBER: 077-20

BID DUE DATE: ~~November 3, 2020~~ December 1, 2020

TIME OF RECEIPT: 12:00 PM

TIME OF OPENING: 2:00 PM

THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING CHANGES OR CLARIFICATIONS:

JEA is providing the following updated files:

- **077-20 Addendum 4 Appendix C - Additional Drawing and Bypass Pumping Specification**

JEA is responding to the following questions as shown below:

1. Question:

Reference Article 2.14.14. We believe we can park in the immediate vicinity of the project site with minimal restoration and impact to traffic. Please advise if this is unacceptable.

Answer:

JEA will coordinate with the awarded contractor on site logistics and available parking and/or laydown areas. The immediate areas adjacent to the existing residential homes along and around Holiday Road and the entrance driveway will not be available.

2. Question:

Please describe the backfill material on drawing M-3. Is light weight concrete required or is flowable concrete fill acceptable?

Answer:

Excavatable flowable fill per FDOT Section 121 is acceptable.

3. Question:

Please confirm appropriate alarms (audible and visual), monitors (air flow sensors) etc. are already installed or whatever is required by code is shown on drawings to meet applicable provisions of NFPA 820 for any ventilation used to declassify spaces.

Acknowledge Receipt of this Addendum on the Bid Form.

Answer:

The existing facility does not have ongoing alarms or monitors for hydrogen sulfide levels (or other flammable gases) within the classified area. The Contractor shall consider these area 'Confined Spaces' per OSHA 1910.146 and provide supplemental forces ventilation and / or other means the Contractor deems necessary to allow the Contractor's employees to work in these area while satisfying the OSHA requirements.

4. Question:

Is there a requirement that both MH A & MH B be used as suction points for bypass pumping?

Answer:

MH A & MH B are not 'required' but the Drawings illustrated this configuration in case any one of the manholes were limiting as it relates to the number or size of desired suction piping runs.

5. Question:

Is the required designed operating pressure of 50 psi the bypass requirement at the 4,000 GPM peak hourly flow specified? If not, can you please provide the required bypass operating point?

Answer:

The Temporary Bypass pumping system shall be capable of delivering 4,000 gpm at static force main pressures of 60 psig based on readings from the station on April 10, 2020.

6. Question:

The specifications state that "a minimum of three pumps will be required for service, with design approach to keep one pump in lag conditions at all times." Is it acceptable for the design of the bypass system to utilize a single pump to handle the peak required operating point with a like secondary unit online as a standby for a total of two pumps?

Answer:

A two-pump system would be acceptable as long as the single pump can operate through the full breadth of flow and head conditions (i.e., low flow to peak hourly conditions).

7. Question:

The plans call for the fiber optic to be temporarily relocated during the 30" installation, how long is the fiber run from the building to the next termination point?

Answer:

The Drawings indicate the line to be "Protected" or "Relocated" pending construction needs. The existing fiber runs are perpendicular to the proposed sewer construction. The fiber run length is not currently known.

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