



RFB for Wastewater Lift Station Numbers 8 and 16

November 15, 2016

Addendum 3: Additional Questions Answered

This Addendum presents answers to questions presented to the City since the issuance of previous Addendums:

1. The City has uploaded to Dropbox.com photographs of the existing conditions at each lift station. These photos can be viewed at:

https://www.dropbox.com/scl/fi/2a81gcjj93z0727xvvs7i?oref=e&r=AASYB0FgpquKN-hWq03vZhWIWPrrSgzZL3A8K9zqrv8j4cw1NABE2jDICgV4UgRjV3eiGDkmvXazI0wb_OWQ2hoDYmX4FVDdbXVPeCOL2HqhWSG1wYkwTnJjqdZsBV17-LUQQ4R-DT6GQBA7UkIhY2NCKHS4-nzUfiin6_hDOz2JuoV_zfkTSDU5KXl-gWjKmM&sm=1

2. The City anticipates a monthly electric bypass pump rental cost of approximately \$1,895 for Lift Station 8 (as described in Addendum 1).
3. *Question: Please confirm estimated date of award and NTP.*

The City plans to present the results of the bid and request contract approval from City Commission on December 12, 2016 with notice to proceed the following day.

4. *Please confirm Engineering and/or project budget we can report to Surety.*

The Engineer of Record has provided an opinion of probable cost of \$342,320, which included a 10% contingency and the original 3-phase power connection at lift station 8 (which has since been removed from the scope per Addendum 1).

5. *Please confirm TDH, design max GPM, and FM pressures at each station*

Section 10.03 on Page 10-2 of the specifications lists the design parameters of each station.

6. *If the contractor elects to use electric primary bypass pump, will the City assume cost of billed electrical use?*

Yes

7. *Please confirm average monthly operating costs (Electric) over 6 month period for each station.*

With both stations being converted from single to 3-phase power and the City continuing to pay for any electrical costs during construction, the previous monthly cost at each station is not relevant.

8. *Please confirm if IET is an approved coating system for use on project. See attached specification file.*

Only a Cementitious Liner Material with 100% pure calcium aluminate which complies with specification section 15.06 will be considered. From the information provided, IET does not meet the specification.

9. *Wet well invert callouts specify non-shrink grout. Will the Engineer accept low slump concrete, 3000 PSI for surfaces opposite of pump bases in lieu of N/S grout?*

Non-shrink grout must be used per the plans and specifications.

10. *Regarding LS 16, does City have any information on depth of existing FM where it intersects in plan view with the existing RW?*

The City does not have any record drawings or information on the depth of the existing FM. Per the survey, only the top elevation of 1.81' and 1.83' within the existing wet well is known. Per note on sheet C-0.3 Contractor is to field verify size and location of existing force main.

11. *Please confirm if orange safety grate systems are required for hatches.*

Safety hatches are required for the wet well and valve vault hatches Per Section 10.01 of the specifications.

12. *Regarding LS 8, there is an existing BT line running north and south that appears to be in conflict with the proposed LS improvements. _Is the City coordinating with the BT agency to have this BT relocated prior to the LS mobilization?*

Existing BT line (Frontier/Verizon) running north to south has not been located. Per note on plan sheet C-0.1 Contractor is to verify location and depth before construction. Contractor is to coordinate with City if relocation is required.

13. *Please confirm whether or not the City has coordinated/scheduled site electrical modifications with DUKE in advance of LS construction activity.*

Electrical service has been coordinated with Duke on both stations and will be complete in advance of construction. Further, as stated in Addendum 1, the City has elected to enlist the services of an electrical contractor to preemptively install the three phase power necessary for the proposed renovations to lift station 8.

14. *Please confirm estimated storage time in sewer system following LS shutdown.*

According to observed cycle times, lift stations 8 and 16 have estimated storage times of 2-3 and 1-2 hours, respectively.