



CITY OF TAMPA

Pam Iorio, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

David L. Vaughn, AIA, Director

ADDENDUM NO. 1
DATE: December 11, 2007

Project: 7-C-75; Tampa Reclaimed Water System Performance Improvements

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

- Item 1: Make the following modifications to the detail "Schematic – Metered Flushing Station" on Drawing DD5 of the Plans:
- A. Delete Note 4 of the detail and substitute the following: "4. Provide Schedule 40 PVC pipe from the backflow preventer to the sanitary sewer manhole as shown on the metered flushing station location plans. Core drill the manhole and seal the pipe in the manhole wall with non-shrink grout. Terminate the PVC pressure pipe with a 90 degree solvent-welded elbow directed downward into a 4-inch PVC sanitary pipe mounted vertically on the inside wall of the manhole. Provide an air gap between the flushing water pipe and the open end of the 4-inch sanitary pipe. Provide a 4-inch solvent welded sanitary pipe from the location of the flushing water pipe down to the invert of the manhole. Provide a 90 degree solvent welded sweep elbow on the lower end of the pipe no greater than 6-inches from the manhole invert and direct the flow toward the downstream manhole outlet. Mount the 4-inch sanitary pipe to the wall with Type 316 stainless steel offset pipe clamps (Adco Model 88A, or equal) 5-feet on center maximum mounted to the manhole wall with Type 316 stainless steel epoxy adhesive anchors (Hilti HVA or equal)."
- Item 2: Replace page P-3 with attached page P-3R.
- Item 3: Change on page TS-2 in T1.03, the date of the plans to be May 2007.
- Item 4: Delete on page CP-3 through CP-5, Contract Pay Items C5.01 and C5.02.
- Item 5: Make the following modifications to the Proposed Metered Flushing Assemblies MF2 – MF5 shown on Drawings P11 and P12 of the drawings:
- A. Proposed Metered Flushing Assembly MF2: Change the diameter of the solvent welded PVC pipe from the outlet of the flow meter to the manhole from ¾-inch diameter to 1-1/2-inch diameter.
 - B. Proposed Metered Flushing Assembly MF3: Change the diameter of the solvent welded PVC pipe from the outlet of the flow meter to the manhole from ¾-inch diameter to 1-1/4-inch diameter.
 - C. Proposed Metered Flushing Assembly MF4: Change the diameter of the solvent welded PVC pipe from the outlet of the flow meter to the manhole from ¾-inch diameter to 1-1/4-inch diameter.
 - D. Proposed Metered Flushing Assembly MF5: Change the diameter of the solvent welded PVC pipe from the outlet of the flow meter to the manhole from ¾-inch diameter to 1-inch diameter.
- Item 6: The Contractor is responsible for obtaining all permits associated with this project. The City has determined that a Florida Department of Environmental Protection (FDEP) permit is not required, as the flushing is a maintenance activity. The installation of system appurtenances on the existing reclaimed water system will require City, County and State maintenance of traffic permits for work in the right-of-way. The Contractor is responsible for obtaining these permits.

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Item 7: Drawings SA1 through SA9 show twenty-one existing fire hydrants which are shown to be used for the flushing program. These hydrants have been removed and are not available for the flushing program. In lieu of the hydrants, a permanent blowoff connection will be required at each location where a hydrant is shown.

Item 8: Plans: On Drawing SA1 through SA9 twenty one fire hydrants are shown (labeled HA1 through HA21). At each location, provide a permanent below-grade 4-inch blow off. Connect new blow-off piping to the existing gate valve where the hydrant was removed in accordance with the detail "Plan – End Connection to Existing Valve or Fitting" on Drawing DD4 and provide a new 4-inch blow-off in accordance with the detail "Profile – 4" Blow-Off" on Drawing DD4. Coordinate the exact location of the blow-off with the Engineer.

Item 9: The current number of active services is 2,875. The Contractor is directed to Specification Section T1.01, Summary of Work, and T1.02 in the preparation of its bid.

Item 10: Change on page TS-1, in T1.02 Reclaimed Water Services, the first two sentences to read: The number of reclaimed water services described above is 2,875 at the time of preparation of these bidding documents. The Contractor shall base its bid on this number of reclaimed water services plus an allowance of 15 percent additional active accounts.

Item 11: Response to Questions Submitted After Pre-Bid Meeting

1. *Can we use tapping sleeves and tapping valves instead of cutting in tees and valves?*

Response: A tapping sleeve and tapping valve may be used in lieu of cutting in a tee with a valve on the branch only if the connection is being made to ductile iron pipe. All connections to HDPE pipe shall be made with fusion welds as shown on the details of the plans.

2. *Can MJ fittings be used instead of electro-fusion couplings and butt welded fittings?*

Response: Electro-fusion couplings and butt-welded fittings are required for HDPE pipe.

3. *Can PVC bell and spigot pipe be used rather than the HDPE?*

Response: HDPE pipe is required as shown in the plan details.

4. *Instead of electro fusion saddles, can single and double strap service saddles be used?*

Response: Electro-fusion saddles are required for HDPE pipe. Single and double strap saddles are not acceptable for HDPE pipe.

5. *If red line drawings are to be turned in as as-builts, does this mean a Professional Land Surveyor will not be required?*

Response: The "as-built" record requirements are included Specification Section 02501, Transmission Main Flushing, 3.5; Specification Section 02502, Distribution System Flushing, 3.5; Specific Provisions Item SP-32, Lines and Grades; and General Conditions Section 8, Lines and Grades (as modified by the Specific Provisions). The intent of the contract documents is to reference the improvements to the features shown on the previously prepared record drawings. Utilize a Professional Land Surveyor to provide the red-line information and elevations of new buried piping referenced to ground surface.

6. *During the transmission main flushing, the instructions say to close all services. Does this entail just shutting the curb stops?*

Response: The services can be isolated by shutting the curb stops.

7. *The term "exercise each service" can you please explain what this means?*

Response: The Contract Document Plan notes include the reference "Exercise each service". The Contract Documents require that each service be closed prior to flushing the main to which the service is connected. Once the main is flushed, the Contract Documents require that each active service be flushed. The requirements for flushing active services are included in Specification 02502, 2.2, C and 02502, 3.2. Note that the intent is to close all active services prior to flushing. The intent is also to close all inactive services (or verify that inactive services are already closed) prior to flushing. After the main is flushed, active services shall be flushed and placed back in service. Inactive services will remain closed and do not require flushing.

8. *During the week of transmission flushing (M-F), will the line be placed in service for any reason? What if the flushing is not completed in 5 days? Will this be a 24/7 operation?*

Response: The transmission main will be out of service for the duration of the flushing operation. The intent is to conduct the work requiring the transmission main to be out of service within 5 days. Note that preliminary work (e.g., location of valves and services) can be conducted ahead of the actual flushing operation with the transmission main in service. During the actual flushing operation, continuous monitoring of the activities will be required. Specification Section 02501, 3.2 includes a general procedure for flushing, and allows the Contractor to modify the procedure if required.

9. *Any guess as to the amount of debris disposal there will be? What if the canisters at the dissapater are completely filled? Will they have to be replaced with others, if the initial two are sent to be dumped? Does the COT want the containers when the project is complete? Since we have to cut holes in these, they may have to be purchased outright.*

Response: It is unknown what the quantity of debris will be. Should the containers need to be emptied, it would be required to suspend the flushing operation for duration sufficient to remove/transfer debris from the containers for offsite disposal. The City does not want the containers used for the flushing operation.

10. *During the distribution main flushing operation, will an energy dissapator w/ dechlorination system, be needed at each flushing point?*

Response: The requirements for distribution flushing are included in Specification Section 02502, 2.2. This section requires energy dissipation and solids capture for all flushing water. If the flushing water will reach surface waters, dechlorination is required.

11. *Bid item C-5.01 and C-5.02 are missing.*

Response: These items are deleted.

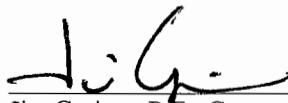
12. *Are there any corrosion/cathodic protection requirements?*

Response: There are no corrosion/cathodic protection requirements associated with this project.

This addendum shall be included in and attached to the inside cover of the Contract Documents by and upon which bids are submitted.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect.

Questions may be directed to Jim Greiner, P.E.; Telephone (813) 274-8598, fax (813) 274-8080, or e-mail Jim.Greiner@tampagov.net.



Jim Greiner, P.E., Contract Manager
Contract Administration Department

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
C1.00	Mobilization and Demolition	L.S.	1		\$	\$
C2.00	Transmission Main Flushing	L.S.	1		\$	\$
C3.00a	Distribution Zone A	L.S.	1		\$	\$
C3.00b	Distribution Zone B	L.S.	1		\$	\$
C3.00c	Distribution Zone C	L.S.	1		\$	\$
C3.00d	Distribution Zone D	L.S.	1		\$	\$
C3.00e	Distribution Zone E	L.S.	1		\$	\$
C4.00a	2-inch Blowoff	EA.	18		\$	\$
C4.00b	4-inch Blowoff	EA.	42		\$	\$
C6.00b	Metered Flushing Stations MF-2	L.S.	1		\$	\$
C6.00c	Metered Flushing Stations MF-3	L.S.	1		\$	\$
C6.00d	Metered Flushing Stations MF-4	L.S.	1		\$	\$
C6.00e	Metered Flushing Stations MF-5	L.S.	1		\$	\$
C7.00	Project Allowance	L.S.	1	One Hundred Thousand Dollars and no Cents	100,000.00 \$	100,000.00
TOTALS \$						