

ENGINEERING DEPARTMENT  
*Town of Poughkeepsie*

**PETER D. SETARO, P. E.**

Town Engineer

**DONALD A. BEER**

Associate Town Engineer

**SEAN CRIMMINS**

Assistant Town Engineer

**PETER HOBDAY**

Assistant Town Engineer

ONE OVEROCKER ROAD  
POUGHKEEPSIE, NY 12603

TEL # (845) 790-4736

TEL # (845) 790-4748

TEL # (845) 790-4747

**TOWN OF POUGHKEEPSIE  
ARLINGTON WASTEWATER TREATMENT PLANT  
NEW PUMPING EQUIPMENT FOR NON-POTABLE  
PROCESS WATER SUPPLY  
POUGHKEEPSIE, NEW YORK**

**CONTRACT 2018-04**

Addendum No. 2

August 22, 2018

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This addendum is issued following the pre-bid meeting on August 14 at the site and is a further follow up to Addendum No. 1.

1. There had been some questions about the as-built drawing requirement. The following clarifications, information and requirements are offered and supplement or replace the original bid docs.
  - a. The bid documents do not include full plans that can be "redlined" for as-built drawings.
  - b. The project requires various shop drawings to be submitted for acceptance. Those shop drawings shall be "redlined" to serve as the as-built drawings.
  - c. The as-built drawings shall be submitted in electronic format, but it is not required that the drawings shall be AutoCAD files. PDF and JPEG formats are acceptable, but must be in full color to show the red line revisions.
  - d. The specifications for submittals as written shall otherwise apply.
2. The originally described temporary water supply shall be revised in accordance with the following descriptions.
  - a. This addendum does not include any plan or detail drawings. The bidder shall carefully read the text and descriptions below.

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- b. The temporary water supply and source have been simplified and shall be constructed as follows.
- i. The chlorination basins shall not be used as the water source, and no pumps will be required.
  - ii. SUEZ has made arrangements with the Town Water Department to use Town supplied potable water for the treatment plant process water needs for the duration of the contract. There will be no cost to the contractor for the Town water.
  - iii. The Town water hydrant at the easterly end of the Administration/Control Building shall be used as the water source.
  - iv. The Town Water Department, via SUEZ, will loan the contractor a 3" double check valve (DCV) backflow preventer at no cost. The DCV shall be returned to SUEZ upon completion of the contract.
  - v. The contractor shall furnish and install a 2½" wye strainer, a 2½" pressure reducer, and a minimum 12" long 2½" Ø pipe section with a 6" face pressure gage, snubber and valve per contract specifications. All of that equipment shall be given to SUEZ upon completion of the contract.
  - vi. The contractor shall supply all hose, couplings and adaptors as needed. Spare hose sections shall be available for quick change out in the event of a leak or a broken hose. The hose and fittings shall remain the property of the contractor.
  - vii. The pressure reducer shall reduce the hydrant pressure of about 90 psi to the process water system pressure of 50 psi.
  - viii. The DCV, wye strainer, pressure reducer and pressure gage shall be properly supported near the hydrant and protected against damage.
  - ix. The contractor shall provide a 2½" hydrant hose line from near the fire hydrant assembly described above to the plant yard hydrant located along the road near the grates just north of the Thickener Building. From that connection point on the Town supplied potable water will distribute throughout the plant process water system.
  - x. Warning signs or barriers shall be placed as needed to assure pedestrian safety along the hydrant line between the fire hydrant and the yard hydrant. The hydrant hose shall be

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temporarily held in place to minimize displacement and tripping hazards.

- c. The temporary water system supply piping and fixtures as shown on bid documents dwg 1 of 3 shall be modified as follows.
  - i. The 8" valve and the 8x8x4 tee shall be constructed as shown.
  - ii. The tap for the pressure gage and the pressure gage, and the tap for the chem feed port (SUEZ will provide the chem feed injector), shall be constructed as shown.
  - iii. There shall not be a valve in the 4" line from the 8x8x4 tee near the tee.
  - iv. An adaptor to reduce the 4" line to 2" shall be installed after the tee. The 2" pipe may be either Schedule 80 PVC pipe or Schedule 80 threaded (galvanized) steel pipe.
  - v. The 2" line shall be angled down similar to the 4" pipe layout shown.
  - vi. A 2" full port plug valve (Henry or equal) with an operating nut, or a ball valve with a handle, shall be installed where the lower 4" gate valve is now shown.
  - vii. A minimum 6" long 2" Ø pipe nipple shall be constructed below the shut off valve and aim downward to the grate above the sump pump pit.
  - viii. The new 8" and 2" pipes, fittings and supports shall all be shown on a shop drawing that shall be approved before the 8" vertical pipe is removed.
  
- d. As an alternative to the construction in "c" above, if the contractor's layout permits and there is a long enough section of vertical 6" pipe, the contractor may construct a tee in the 6" vertical pipe between the pump outlet 6x6x6 tee and the 8x6 reducing elbow.
  - i. If that option is chosen, a 2" line and valve (per paragraph "c" above) and waste angled downward to the sump pump grate shall be constructed.
  - ii. Also, if that option is chosen, only a gate valve will be required in the 8" vertical pipe, along with the tap for the pressure gage and the pressure gage, and the tap for the chem feed port (SUEZ will provide the chem feed injector) as shown on the plan drawing.
  
- iii. The new 8", 6" and 2" pipes, fittings and supports shall all be shown on a shop drawing that shall be approved before the 8" vertical pipe is removed.