

January 3, 2017

**BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA**

ADDENDUM NO. 3 / IFB NO. Y17-722-PH

**SOUTH WATER RECLAMATION FACILITY SODIUM HYPOCHLORITE STORAGE
AND FEED SYSTEMS IMPROVEMENTS**

BID OPENING DATE: January 10, 2017

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Additions are indicated by underlining, deletions are indicated by ~~strikethrough~~.

A. BIDDER QUESTIONS

- 1. On drawing C01 there is a note to relocate existing chlorine solution lines. The lines that are circled is a 6" CLS and an 18" EFF. Please confirm and provide the quantity of lines, the sizes of the lines, and the type of material to be used for these relocated lines.**

Response: The note on Drawing C01 refers to existing 6" CLS (chlorine solution) lines, an existing 4" PW (potable water) line, a 1.5" SA (sample) line, and an existing 18" EFF line that will interfere with the eastern footers of the proposed structure. Although survey indicated only one 6" CLS and one 18" EFF, there appears to be two additional 6" CLS lines and one 4" PW line. The two Phase IV-B CLS lines are currently in use to the filter effluent channel and are generally located east of the 18" EFF line. The 4" PW line is shown west of the 6" CLS line shown. Coordinate outages with the County RPR, one at a time to relocate the active CLS lines, the SA line, and the PW line to the position shown at the east edge of the North / Southwest Plant Filters. The other CLS line will be removed upon approval from the County RPR, after it has been flushed, and the remaining ends shall be capped. The CLS lines are PVC or CPVC (field verify the material). Assume the 18" EFF and 4" PW are ductile iron. The relocated 6" CLS lines shall be CPVC, and will remain in place until the Orange County RPR approves their removal and capping of both ends of both pipes.

- 2. On drawing C01 there is a note that says relocated chlorine solutions lines. Is this the new location of the existing chlorine solution lines that are relocated from the previous note? Are these relocated lines to be buried or exposed?**

Response: Yes, the relocated pipes are the two 6" CLS lines, the 1.5" SA line, and the 4" PW line described above. The 6" CLS lines may be exposed, or shallow buried above the level of the western footers, since they will be removed as part of this project. The 1.5" SA line and the 4" PW line shall be shallow buried above the level of the western footers.

3. What type of piping material is the 12" RW line that is to be restrained and encased?

Response: Assume that the 12" RW line is ductile iron.

4. There are several notes that say all hypochlorite yard piping shall be sch80 PVC and hand dug. Please confirm that it is the intent for these lines to be hand dug. If so what about other yard piping? Is it to be hand dug also?

Response: The hypochlorite piping and associated casings shall be hand dug to provide consistently rising slopes from the low ends near the Storage building to the high ends near the injection points. Adjust pipe elevation to avoid intermediate high points that will trap gas bubbles. Due to the Work being done at an existing facility, excavation and tie-ins associated with piping shall be in accordance with Section 01100, paragraph 1.04.

B. ACKNOWLEDGEMENT OF ADDENDA

- a. The Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of proposal.
- b. All other terms, conditions and specifications remain the same.

Receipt acknowledged by:

Authorized Signature

Date Signed

Title

Name of Firm