



MINERAL WELLS
PUBLIC SERVICE DISTRICT

SEWER SYSTEM IMPROVEMENTS - PHASE II

4 0 1 M a i n S t r e e t

April 23, 2013

W h e e l i n g , W V 2 6 0 0 3

Addendum #2

3 0 4 . 2 3 2 . 5 5 5 0 (T)

TO BIDDERS OF CONTRACT #5:

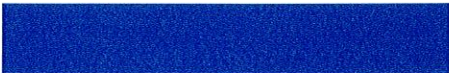
3 0 4 . 2 3 3 . 2 5 1 2 (F)

- 1) **Specification Section 02051**
Remove subsection 3.04 from the specifications and replace it with the following.

m a i l @ c e r r o n e 1 . c o m

3.04 SLUDGE REMOVAL

- A. Work will begin in Lagoon #1. The flow into Lagoon #1 will be stopped and redirected into Lagoon #2. The Contractor will pump water from Lagoon #1 into Lagoon #2. Aeration system will remain in service while lagoon level is being lowered.
- B. When the water is at the appropriate level The Phase 1 Contractor will remove the existing aeration system from Lagoon #1. Coordinate work with the Phase 1 Contractor.
- C. After the aerators are removed and the lagoon is at an appropriate level, the Contractor will install a dumped rock access road to the bottom of the lagoon to minimize damage to the lagoon side wall when moving equipment in and out of lagoon.
- D. Remove all the sludge from the lagoon, as practical, without damaging the existing clay liner. The Contractor shall repair the clay lining, if damaged, at their expense.
- E. Use equipment necessary to direct the sludge at the bottom of the lagoon toward the removal equipment.
- F. Convey the sludge onto a truck so it can be delivered to the fields for land application.
- G. After work is completed in Lagoon #1 touch up any areas in the lagoon and repair rip-rap where needed. The Owner will then redirect flow into Lagoon #1.
- H. The Phase 1 Contractor will then install the cover and aeration equipment in Lagoon #1. Work in Lagoon #3



cannot begin until Lagoon #1 aeration system is installed and in service.

- I. After Lagoon #1 is in service notify Owner so the operators can operate valves and stop flow into Lagoon #3. Contractor will pump water from Lagoon #3 into Lagoon #1. During this period the Phase 1 Contractor will remove the aeration system from Lagoon #3. Coordinate work with the Phase 1 Contractor.
- J. The Contractor will provide a pump and temporary piping to pump the effluent from Lagoon #2 into the Effluent Control pit located near the UV Building. The pump rate will be 550 gpm, minimum.
- K. Remove sludge from Lagoon #3 in the same manner used for Lagoon #1. Carefully remove chemical feed piping in this lagoon and reinstall it after the work is completed.
- L. After the work is completed the Owner will open the valve to redirect flow into Lagoon #3. At that time the pump can be removed from Lagoon #2.

Respectfully,

CERRONE ASSOCIATES, INC.

Jim Mayles, PE

