



**ADDENDUM NO. 5
TO THE
4S Ranch Water Reclamation Facility UV Disinfection System Replacement Project**

February 5, 2019

The following addendum shall be made part of the Contract Documents and the bidder shall acknowledge receipt thereof on Bid Form page 1 of 12. **The deadline for submitting sealed bids remains unchanged and remains as 2:00 p.m. on Thursday, February 14, 2019 at 1966 Olivenhain Road, Encinitas, CA 92024.**

ADDENDUM SECTION 1 – Pre-Bid Questions and Answers

Q: Is BAC-T testing required for HDPE Bypass Pipe?

A: Bac-t is not required since it is recycled water.

Q: Speaking with our temporary bypass system suppliers, it is industry standard for these temporary tanks to have two (2) baffles with three (3) chambers. Spec section 10100 1.02.C.1.c.1 states three (3) minimum baffles (with four (4) chambers). Please let us know if the industry standard tanks are acceptable?

A: Regulations require a minimum contact time in the temporary bypass disinfection tanks of 90 minutes at a flow rate of 2 MGD. The system will be tested for 90 minutes of contact time after installation at 2 MGD. If the minimum contact time (and flow) is not achieved, the contractor shall be required to modify the system at his cost (add tanks, baffles, etc.) until a successful minimum contact time and flow is achieved. Change 10100-1.02.C.1.C.1 from "Minimum number of baffles per tank: 3" to "Minimum number of baffles per tank: To be determined by the contractor to meet the requirement of Section 10100-1.02.A for contact time."

ADDENDUM SECTION 2 – Changes to the Contract Documents

1. Section 10100 1.02 C1 1 Temporary Tanks Chlorine Contactor **DELETE** "Minimum number of baffles per tank: 3 baffles". **REPLACE** with "Minimum number of baffles per tank: To be determined by the contractor to meet the requirement of Section 10100-1.02.A for contact time."

END OF ADDENDUM NO. 5

APPROVED:

OLIVENHAIN MUNICIPAL WATER DISTRICT

George R. Brist, P.E.

Engineering Manager