

Job Order Agreement Scope

Revision #4 12-01-2017

Job Order Contract No. 2017-20000213 Project No. TBD

Job Order Proposal No. 1

Title: Figueroa AWPCF Annual System Overhaul - Secondary Clarifier Repairs

Location: 289 N. Figueroa Avenue Yuma, Arizona 85364

SCOPE OF THE WORK

Description:

JOA No. 1 consists of rehabilitating and or replacing major components of the #4 Secondary Clarifier at the Figueroa Plant as requested by the City of Yuma Utilities Department as noted below. The work listed below is based on two detailed site investigation performed by the City of Yuma Utilities Department Personnel, PCL Constructors and Carollo Engineers on 9-5-17 and 10-5-17.

Division 2

- Demolition of existing components in the #4 Secondary Clarifier. The work includes the demolition of - 1 Alarm Panel, 1 Walkway, 2 Walkway Bearing Plates, 45 L.F. of 1 inch Conduit along walkway, 118 S.F. of existing Walkway Diamond Plate, 1 Influent Box 9'-3' x 6'-9" x 4' deep, 1 Feed Well 7 foot radius, Both Rake Arms, 267 L.F. of 1 inch PVC Piping, 80 L.F. of 4 inch Rake Arm Piping and 60 L.F. of 6 inch Rake Arm Piping. Center column and cage to remain. Please reference attached photos in Tab 1.

Division 3

- Concrete repair at 160 locations 1 foot x 1 foot by 2 inch deep located in the interior of the #4 Secondary Clarifier. The work includes - concrete saw cutting, concrete demo, concrete prep, concrete placement point and patching. Please reference attached photos in Tab 2.

Division 5

- Replace the existing walkway decking, repair the existing handrail, replace the existing walkway bearing plates and replace the existing perimeter wire cable. The work includes - 118 S.F. of new FRP decking and accessories, 2 new bearing plates and associated hardware, 17 new Handrail cans and 280 L.F. of new 3/8" wire cable. Please reference attached photos in Tab 3.

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Revision #4 12-01-2017

Job Order Contract No. **Equipment Main** **Project No. TBD**
Job Order Proposal No. **Engineering Support (Carollo)**

Title: **Subtotal**

Location: **0**

SCOPE OF THE WORK

Division 9

- Coating of the existing 3 foot diameter center column, existing center cage members and existing walkway. The work includes - Surface prep sandblasting, epoxy primer and epoxy finish coat. Please reference attached photos in Tab 4.

Division 11

- #4 Secondary Clarifier New Steel Replacement Package fabricated to match the existing Rake Arms, Feed Well, Sludge Box and Walkway installation. The work includes - 1 New Feed Well complete, 1 New Sludge Box complete, 2 New Rake Arms complete, Existing refurbished walkway installation and protective coatings. Drive to be installed by City of Yuma. Please reference attached photos in Tab 5.
- Installation ONLY of one (1) New Drive Unit. City of Yuma to provide New Drive Unit PCL to install.

Division 15

- #4 Secondary Clarifier New Mechanical Replacement Package fabricated to match the existing Influent Piping and Utility Water installation. The work includes - 102 L.F. of 6" Sch 40 Influent Piping, fittings and supports complete, 160 L.F. of 4" Sch 40 Influent Piping, fittings and supports complete, 300 L.F. of 1" Sch 40 Utility Water Piping, fittings and supports complete, 60 L.F. of 1" Sch 40 Utility Water Piping, fittings and supports complete. Please reference attached photos in Tab 6.

TIME

Work will begin within 15 (Fifteen) calendar days of Notice to Proceed.

Work will be completed within 70 (Seventy) calendar days of Notice to Proceed.