

Work Plan No. A.01-02 09AU-120: Construction Contract Close-Out Support

Scope:

The Scope of Services is to provide Construction Contract Closeout Support. Specific activities include the following:

2.1 TASK 01: OPERATION AND MAINTENANCE MANUAL DEVELOPMENT

Facilitate completion of Operation and Maintenance (O&M) Manuals for new TBT Pump System. Coordinate between Mechanical, Electrical, and Communication disciplines to ensure O&M Manuals are consistent with the actual built system. Distribute to District Maintenance and Engineering (BME) departments for review and comment. Ensure that comments from all stakeholders, including Project Team and BME are addressed and closed.

2.2 TASK 02: RECORD DRAWINGS

Transfer of Contractor supplied redline as-built drawing mark-ups into CAD format. CAD files shall conform to BART CAD Standards Manual Revision 03 dated 12/01/2020. Provide engineering support to CAD Technicians to ensure proper transfer of Contractor redline as-built mark-ups to CAD as needed.

2.3 TASK 03: DESIGN SERVICES DURING CONSTRUCTION

Review Contractor furnished submittals, shop drawings, and product data to assure conformance to Contract Document requirements. Respond to Contractor Request for Information (RFIs). Generate Change Notice Drawings and Specifications as needed to address conflicts due to unforeseen field conditions. Coordinate commissioning activities of new upgraded Discharge Pump System with interfacing projects such as the Oakland Emergency Generator Project (OEG) and KTE Traction Power Substation replacement.

2.4 TASK 04: MANAGEMENT OF CONSTRUCTION CONTRACT CLOSE-OUT SCOPE AND TASKS

Provide appropriate resources to perform tasks above. Manage resources to perform tasks on schedule and within approved budget. Work shall be tracked based on the tasks listed in this Work Plan. WSP shall include in their monthly invoice a narrative summarizing the active and completed Workplan tasks.

2.5 TASK 05: FIELD ACTIVITIES

Provide on-site engineering support. Field visits will be made to witness pump station commissioning activities, participate in preliminary and final punch list walkthroughs for the pump system, and attend the Contractor's training sessions on pump system operation and maintenance.

2.6 TRAVEL

The on-site support of Task 05 above will require travel to and from site. The maximum number of site visits to support Task 05 is assumed to be (34). A not-to-exceed cost for this travel is given in Part 8 of this proposal.

ASSUMPTIONS/EXCEPTIONS

- The effort and cost associated with Task 03 is assumed to be covered by the remaining budget in prior work plan 6M8149 - A.02-02.
- Cost estimating, scheduling and construction inspections are specifically excluded from this Scope of Services.

Prime: WSP USA, Inc.

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
AMC Consulting Engineers Inc.	\$ 274,227	N	N

Total Work Plan Value: \$ 581,510