

**BART Agreement Number: 6M8122**

**Approval Date: 10/23/19**

**Work Plan No. A.16-01 HMC – DSDC – 110-Supplement**

**Scope:**

The Scope of Services for the Hayward Yard Maintenance Complex (HMC) is to continue Design Support During Construction Services for Contract 01RQ-110 (Contract 1) - Hayward Maintenance Facilities.

This Scope of Services excludes Design Support During Construction (DSDC) for work previously designed by Others. This includes, but is not limited to, the following: The specialty shop equipment (including hydraulic wheel presses), the construction of the Main Shop Elements, and the North and South Yard areas. These elements will be supported by Others.

The following DSDC work will be included in the Scope of Services for the Component Repair Shop (CRS): mechanical and plumbing systems, industrial waste water evaporator system, oil collection system, fire sprinkler systems, HVAC systems, and the structural steel service canopy to be located between the CRS and the future Central Warehouse.

The Scope of Services will also include the following:

- a) Design Support During Construction including (1) revisions as required for drawings, details, technical specifications, calculations, and exhibits; (2) reviewing Contractor submittals; and (3) responding to Contractor Requests for Information (RFIs) as requested by BART's Resident Engineer.
- b) Prepare Change Notices as requested by BART's Resident Engineer and as required under Contract Technical Specifications and drawings for Contract No. 01RQ-110 and No. 01RQ-120.
- c) Prepare Cost Estimates as requested by BART's Resident Engineer except for cost estimates for Component Repair Shop industrial equipment and Hayward Shop Modifications which will be prepared by Others.
- d) Noise and Vibration as requested by BART's Resident Engineer.
- e) Participate in meetings as requested by BART.

**Prime: PGH Wong Engineering, Inc.**

<b>Subconsultant</b>	<b>Amount</b>	<b>DBE (Y/N)</b>	<b>SBE (Y/N)</b>
<b>AVA</b>	<b>\$76,981</b>		
<b>AMC</b>	<b>\$39,248</b>		
<b>Ken Hellig</b>	<b>\$5,500</b>		
<b>FW Associates, Inc.</b>	<b>\$52,811</b>		

**Total Work Plan Value: \$355,851**