

Work Plan No. A.16-03 HMC2_East Storage Yard Final Design 100%

Scope:

Task 1 – Out of Scope Work (Already Assigned only)

This Work Plan covers additional scope of work that has been assigned to Consultant the 90% design effort as listed herein:

- A. Responding to 60% design submittal comments, due to stop work issued to PGH Wong during the first quarter of 2022. This scope has been completed.
- B. Update 60% CADD files to BFS compliance, stop work issued to PHG Wong created challenges to proper transfer of CADD files during the first and the second quarters of 2022. This scope has been completed.
- C. TPSS/GBS Interface matrix development, multiple design coordination meetings, complete redesign of the building layout, and scope split
- D. Contract 101 (Procurement) – Due to PGH Wong's stop work, TYLin + TSE JV team was requested to complete review of shop drawings.
- E. Contract 102 (Civil Grading) – Relocation of lighting fixtures onto the retaining wall, additional fence layout, cable and pullbox details required additional design work for 103 contract and coordination with 102A contract.
- F. 3RD Party Agency Coordination & Package Preparation – the original work plan did not include any of the 3rd party agency work coordination, meeting, and customized package preparations.
- G. Contract Repackaging – Additional meetings, coordination, workshop and schedule and concept development to study most feasible scenarios to repackage the single contract into smaller packages.
- H. AZE Site & 34.5kV Coordination – extensive coordination, meetings, workshops and development of multiple alternatives to assure the 34.5kV project elements will not be in conflict with HMC2 work.
- I. CBTC Coordination Meetings – continuous coordination, meetings, workshops to assure the CBTC items and laydown areas are not in conflict with HMC2 work
- J. PG& E Voltage Drop – Additional design work to adjust voltage drop in compliance with the BFS 3.2 requirements
- K. PG&E Cable Rerouting – Additional round of redesign, coordination, and meetings with PG&E to provide additional feed to the site from a new cable route.
- L. Traffic Handling Plan – Coordination with the City and development of traffic and pedestrian handling plan for Contractor reference.
- M. Relocation of inspection pit – at the request of transportation to optimize yard operations. 10-car train to be moved along southern tail track without fouling inspection pit.
- N. Golf Cart Bridge – Redesign to a single span bridge to remove Pier 5, located next to the mainline tracks. Risk mitigation effort to minimize impact to mainline operations.

- O. Train control mainline switches naming convention per BFS Requirements – CADD updates per BART SMEs requirements on all drawings relevant to switches to rename to a three-digit convention consistent with the other BART yards.

Task 2 – 100% Design & Submittal

This task includes review of BART comments, providing responses to the comments, and incorporation of the comments as per the resolutions. All disciplines will be involved in this phase to update their corresponding documents and resubmit in PDF format.

Prime: TY LIN - TSE, JV

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
WRECO	\$ 111,187	Y	Y
Acumen	\$ 41,874	Y	Y
Robin Chiang	\$ 81,254	Y	Y
Parikh	\$ 18,815	Y	Y
Colmena	\$ 164,360	Y	Y
SOHA	\$ 160,780	Y	Y
YEI	\$ 270,399	Y	Y
A&S	\$ 16,584	N	Y
OPAC	\$ 97,449	Y	Y
Charistech	\$34,564	Y	Y
Elcon Associates	\$ 73,920	N	N
Armand Consulting Inc (ACI)	\$ 55,749	N	N

Total Work Plan Value: \$ 2,797,422