

BART Agreement Number: 6M8123

Approval Date: 05/03/21

Work Plan No. B.25-01-TCCCP Traction Power Substations (TPSS) East Bay

Scope:

- 3a. Consultant Direct Labor Hours and Costs: Direct labor hours and associated costs were reviewed in detail as follows:

Consultant Proposed: 1,912; \$ 189,715
BART Independent Estimate: 1,325; \$ 132,025

The consultant's project management support is 576H vs. 300H on the ICE because the project will have more interface and coordination with Caltrans for the I980 crossing than anticipated. Traction Power, ETTS, and Communications engineering support is 50% greater than on the ICE because of increased complexity for interfaces with the HMC project. Further, Zeeshan Ali has been reassigned to field work and the relay project and is not as available for design reviews as before. As a result, an ETTS specialist engineer has been added to the work plan. Therefore, the consultant's direct labor hours are higher than in the ICE.

Prime: STV

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
Pardeep Consulting	\$102,289	Y	Y
Quality Engineering	\$19,077	Y	Y
WMH Corp	\$26,275	N	N
Cinquini	\$13,450	N	N

Total Work Plan Value: \$ 639,878