

BART Agreement Number: 6M8209

Approval Date: 08/29/25

Work Plan A.05-03 Design Services for East Bay Traction Power Substations Project

Scope:

Scope of work includes design services to prepare bid package:

1. Update and repackage drawings for Office of the State Fire Marshall (OSFM) approval. Modify drawings to include OSFM approval stamp block and other required elements. Reorder drawings by location and convert typical details to location specific drawings. Organize and submit drawings via OSFM drawing management system. [Assume one submittal]
2. Respond to OSFM comments and provide requested code analysis and respond to questions about energy storage systems. [Assume one round of comments]
3. Perform structural calculations for undertrack ductbanks and update designs per results.
4. Modify VOIP telephone system to utilize Analog technology including modifications to new TPSS and existing TCRs.
5. Analyze and modify KWS power panel to power new ETTS equipment.
6. Develop list of submittals for specifications. (Advisory. Contractor to also submit)
7. Modify Testing and Commissioning Specification 34 21 80 (Excludes Test Plan, Procedure, and Forms)
8. K-Line 34.5kV Cable Replacement modifications and inclusion into TCCCP EB contract (From three-track crossing to cable bridge. Include elbow box, new cable, and cable splices) [Approximately 45 drawing sheets and modifications to cost estimate, construction schedule, and specifications.]
9. Provide support for weekly and as-requested design support meetings [Up to 120 hours].

Prime: HNTB + FMG JV

Subconsultants: None

Total Work Plan Value: \$ 493,957