

BART Agreement Number: 6M8146

Approval Date: 03/23/20

Work Plan No. B.09-01 – Traction Power Support

Scope:

- a) Provide general design and engineering support on Traction Power Projects, as needed. Projects and responsibilities include but are not limited to:
- b) Provide project management support.
- c) Provide design support on projects, as assigned.
- d) Provide design support during construction for Traction Power and Track projects.
- e) Represent BART Traction Power at project meetings
- f) Provide coordination with the Track Replacement Program on A-Line, K-Line, R-Line, C-Line projects.
- g) Review and provide comments on Track/Traction power submittals.
- h) Provide technical recommendations for Track disconnect switch ratings, specifications, locations, and installation requirements.
- i) Identify electrical-safe clearances to support Track replacement projects.
- j) Develop Interim Operating Procedures and Operating Bulletins for Traction Power.
- k) Review Interim Operating Procedures and Operating Bulletins.
- l) Provide design services for Traction Power including calculations and development of drawings, feasibility studies, alternatives analysis, and other tasks as needed.
- m) Provide construction cost estimates and coordinate project schedules.
- n) Provide field support, as needed.
- o) Support procurement of Traction Power materials.
- p) Provide Traction Power design support during construction and provide construction management services on projects as needed.
- q) Provide technical training and development to assigned Traction Power staff.
- r) Provide support for testing of Traction Power substations and SCADA interface.
- s) Provide support and guidance for development of technical memorandum and BART BFS updates.

Prime: Parsons

Subcontractors: None

Total Work Plan Value: \$ 1,435,001