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