

BART Agreement Number: 6M8142

Approval Date: 12/19/24

Work Plan No. B.03-03 Oakland Emergency Generator (OEG) System - Electrical Power System DSDC

Scope:

Engineer: will be responsible for producing and reviewing electrical design and documentation as needed by BART's Project Manager and/or Resident Engineer to replace existing switchgear, breakers, cables, conduits, equipment, and primary power.

The following are some salient points to achieve design complete:

- Fully understand design requirements, equipment selection, and location limitations.
- Understand existing infrastructure and available space at Oakland and San Francisco Transition Structures.
- Must meet all relevant design standards and guidelines, BFS, California Building Code (CBC), Seismic, IEEE, NEC code etc. and, if required, sign as responsible Professional Engineer in State of California.
- Power system study for integrating PG&E transformers with OEG systems. The scope is related to the replacement of PG&E transformers at SFTS and its impact on the OEG power system.
- Engineering support for 09EK350 transformer and feeder cable replacement.

Prime: AECOM

Subconsultants: None

Total Work Plan Value: \$ 135,555