

BART Agreement Number: 6M8134

Updated Date: 9/21/2020

Work Plan: No. B.13-02 – Engineering Services 34.5kv System Wide Blocking Scheme

Scope:

The detailed scope and tasks are as follows:

A. Traction Power Substation and System Testing

- Support in field testing of traction power substation and systems as needed
- Support design, installation and testing of high voltage substation blocking scheme.
- Provide ongoing support in troubleshooting and rectifying problems arising in service

B. Engineering Review and Support for Maintenance Procedures

- Develop/update maintenance procedures for traction power and electrical equipment for approval by BART
- Review and assess existing maintenance procedures for traction power system assets.
 - Assessment of efficiency, improvements, and deficiencies
 - Recommendations for procedure changes and updates
 - Develop new maintenance procedures or update existing procedures to incorporate recommendations as approved by BART

C. Project Management

- Prepare, maintain, and provision of documentation including field visit records, and procedure reviews and assessment reports.

Prime: HDR

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
SEM Incorporated	\$395,817	N	Y

Total Work Plan Value: \$433,182