

**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

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

**Total Work Plan Value:** \$433,182