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

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<th>Subconsultant</th>
<th>Amount</th>
<th>DBE (Y/N)</th>
<th>SBE (Y/N)</th>
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Total Work Plan Value: $433,182