

BART Agreement Number: 6M8183

Approval Date: 12/01/2020

Work Plan: No. A.01-01 – HAYWARD MAINTENANCE COMPLEX (HMC) PHASE II PROJECT Mainline Crossover Contract

Scope:

2.0 SCOPE OF SERVICES

Construction Management Services from September 2020 through December 2022 as required to support Maintenance forces in completing the installation and acceptance of the new Trackwork and subsequent infrastructure. The proposed RE also provide resident engineer responsibility and service on Trackwork Procurement contract. This includes: Construction Management support services generally includes those items included in BART's Resident Engineer's Manual including but not limited to:

- Daily interaction and correspondence with the BART and other stakeholders
 - Coordinating field activities
 - Chair and document phasing coordination meetings with BART
 - Document control
 - Submittal review process
 - RFI Response
 - Cost estimation/Engineers Estimates
 - Daily inspection of Maintenance Construction reports.
 - Chairing and preparation of meeting minutes for progress meetings and special meetings as required.
 - Schedule development and analysis as needed.
 - Other technical support or services as required to support construction completion.
 - Procurement of Material/Equipment Needed by BART Forces.
 - Coordination and Documentation of approvals with other BART Forces.
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- Track Allocations for BART work to be performed.
 - Coordination of Design/Technical Support needed for the Construction.
 - Field support for Maintenance Crews as needed during Construction.
 - Provide a testing for below items following BFS 3.1.2
 - Track weld testing
 - Concrete testing and sampling
 - Compaction test
 - Ballast testing
 - Coordination with BART M&E for Technical support as needed.
 - Resident Engineer will also serve as be part-time RE for Track Procurement Contract.

Prime: TRC Engineers, Inc.

| Subconsultant | Amount | DBE | SBE (Y/N) |
|----------------------|---------------|------------|------------------|
| RailPros Inc. | \$ 270,983 | N | N |
| PSM, Inc. | \$ 257,266 | N | Y |
| Salimi CM | \$ 18,622 | Y | Y |
| Ninyo & Moore | \$ 104,000 | N | N |

Total Work Plan Value: \$ 1,446,483