

**BART Agreement Number: 6M8183**

**Approval Date: 11/21/23**

**Work Plan No. A.12-01 CM Support for Enabling Works Construction Project**

**Scope:**

Consultant will provide cost estimator, scheduler, inspector, and testing services for Enabling Works Project.

The roles and responsibilities are as follows:

1. Usual and customary CM Inspection in support of completion and close out of Enabling Works project utilizing the guidelines as established in the latest edition of the BART Resident Engineer's Manual.
2. Be knowledgeable in means and methods and support inhouse construction in proactive inspection.
3. Assist Project Manager providing details from inspection reports for all project closeout activities in accordance with the project General Conditions; Contract Specifications Section 01 77 00, Closeout Procedures; the BART Resident Engineer's Manual 2020 Edition (RE Manual); and the RE Manual PF-36 procedures, including Exhibit 8: Checklist of Audit Items Required for Contracts Before Closing, and Exhibit 9: Contract Close-Out Check List
4. Utilizing and updating the Project Management Software database system with Inspection Reports, Non-Conformance Reports, Testing reports per BART Resident Engineer's Manual 2020 Edition (RE Manual).
5. Monitors work activities to ensure compliance with established policies and procedures; evaluates proposed changes to approved plans and specifications.
6. Prepares a variety of reports and correspondence on project matters including Inspector's Daily Reports, monthly and final completion reports, project modifications negotiations, field and design engineering changes, and correspondence with the contractor on fulfillment of requirements.
7. Perform cost estimate services for Project Evaluate EAC forecast on a periodic basis.

8. Coordination with BART department (Train Control Engineering, Electrical Engineering, Train Control Maintenance, Electrical Maintenance, Track and Structures, and Operations) as required.
9. Prepares costs and quantity estimates for engineering construction projects; prepares and/or reviews the adequacy and accuracy of computations.
10. Prepare a cost review of Enabling Works re-baseline options estimate to complete (ETC).
11. Support FTA Recovery Plan with update of SCC Workbook and Basis of Cost Report.
12. Prepare programmatic estimate review for TPSS EB IFB Estimate.
13. Provide Earned Value Management (EVM) support on an as-needed basis.
14. Discusses and coordinates engineering design or construction project activities with design engineering staff and other affected engineering personnel.
15. Provide special inspection to project needs and inspect/manage procured products/installation.
16. Assist with Close out and turnover of all project documentation to the District in accordance with District policies and procedures.
17. Quality Assurance before, during and at close out.

**Prime: TRC**

<b>Subconsultant</b>	<b>Amount</b>	<b>DBE (Y/N)</b>	<b>SBE (Y/N)</b>
M Lee Corp	\$ 161,077	Y	Y
VSCE, Inc.	\$ 712,223	Y	Y
Montez Group Inc.	\$ 242,510	Y	Y

**Total Work Plan Value: \$ 1,153,910**