

Work Plan: No. A.01-01 – Construction QA Inspection for BART ESP - Transbay Tube Seismic Retrofit

Scope:

2.0 SCOPE OF SERVICES

CONSULTANT shall supply Construction Inspection (CI) Services for the TBT Internal Retrofit Project in conformance with Agreement No. 6M8177.

Task 01: Inspection of Contractor's Work

Provide Civil/Structural and Trackwork inspection services on night shifts the Contractor performs Work. Inspectors shall confirm that Work performed in accordance with Construction Contract 09AU-120 Plans and Specifications. Inspectors shall:

1. Prepare Inspector Daily Reports (IDRs) that document the activities performed on the shift inspection services are provided. IDRs to be prepared using WongCMS. IDRs shall document/include:
 - a. *Progress of Work categorized by Bid Item.*
 - b. *List of BART Operations Liaison Employees in Charge working the shift inspected.*
 - c. *List of Contractor Equipment performing the work.*
 - d. *List of Contractor Employees performing the work.*
 - e. *Photos documenting progress of work.*
2. Prepare Non-Conformance Reports (NCRs) and ensure that non-conforming work is brought into compliance with the Contract Documents.
3. Monitor work performed on a Force Account basis. Sign Daily Extra Work Reports (DEWRs) that list materials, equipment, and labor associated with Force Account work.

Task 02: Quality Assurance

Perform following quality assurance (QA) inspections of Contractor's work:

1. *Erection and installation of concrete anchors in TBT.*
2. *Erection and installation of steel retrofit plates in Galleries and Bore.*
3. *Welded joints of steel retrofit plates in Galleries and Bore.*
4. *Shop and Field surface preparation and application of paint onto steel retrofit plates.*
5. *Reinforcement clearances to finished concrete surfaces.*

Task 03: Project Management

Manage CI staff resources. Monitor quality of CI services and adjust/improve as necessary. Procure and provide staff as requested by BART. Prepare monthly reports for CI Services showing progress gained on CI Tasks.

Prime: PreScience Corporation

Subconsultant: None.

Total Work Plan Value: \$ 815,692