

Work Plan No. B.18-01 34.5kV Cable Replacement QA & Special Inspections - Transitional Work Plan

Scope:

QA Field Engineer

The scope of work includes:

- a. Attend construction site activities.
- b. Become familiar with the design documents, Issue For Construction (IFC) plans, and other engineering plans prior to construction.
- c. Provide daily progress reports.
- d. Record deviations from design and document in progress reports.
- e. Coordinate with the project support services team for any construction or design updates.
- f. Plan, coordinate and process all logistics for the special inspections as required by the engineering plans.
- g. Coordinate any deviations with engineering and construction through the project support services team.
- h. Review special inspection testing reports and outcomes and prepare reports for submittals and approvals.
- i. Prepare punch lists, organize and attend punch list walks.
- j. Prepare red-line markups and provide as-built drawings to project support services team.
- k. Update project electronic folder and/or SharePoint site with progress reports.
- l. Provide on-site observational inspection (concrete placement, reinforcing steel, anchor placement, etc.) and report any deviations from standard practices to Field Project Manager and to BART Project Manager.
- m. Attend meetings as required.
- n. Any other tasks as directed by the project support services team or the District.
- o. Must maintain Roadway Worker Protection (RWP) compliance.
- p. Extensive driving may be required; must be able to obtain and maintain CA State Driver's License.

Special Inspections

The consultant shall provide special inspections services as required in the engineering plans or by BART Engineering. These services may include:

- a. Structural steel welding special inspection, as needed.
- b. Reinforcing steel placement special inspection.
- c. Concrete placement special inspection.
- d. Concrete compressive strength special inspection.
- e. Concrete slump tests.
- f. Other tests as specified on engineering plans.

Testing shall conform with assigned BART Facilities Standard (BFS) for each engineering plan set. Should engineering plans not call for any specific BFS version, the latest version applies. Testing shall also adhere to ICC-ES reports, if applicable.

Special inspection and structural observation shall be performed in accordance with chapter 17 of the 2016 California Building Code (CBC) or as specified on the engineering plans (CBC takes precedence).

Prime: PreScience Corp

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
ISI	\$ 48,108	Y	Y

Total Work Plan Value: \$ 244,008