

Work Plan No. B.10-02 QA and Special Inspections for 34.5kV Cable Projects

Scope:

2.1. QA Field Engineer

The tasks include:

- a. Attend construction site activities;
- b. become familiar with the design documents, 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 consultant 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 outcomes and prepare reports for submittals
- i. Prepare and attend punchlist walks;
- j. Prepare red-line markups and provide as-built drawings to Project Support Services team;
- k. Update project sharepoint site with progress reports;
- l. Provide on-site observational inspection (concrete placement, reinforcing steel, anchor placement) and report any deviations from standard practices to BART;
- m. Assist with Pre-Construction surveys or other construction surveys;
- n. Attend meetings as required;
- o. Any other tasks as directed by the Project Support Services (Parsons) team or the District.

2.2. 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; and,
- f. Other tests as specified on engineering plans.

Testing shall conform with assigned BFS standard 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 CBC or as specified on the engineering plans. CBC shall take precedence.

Prime: Parsons Transportation Group

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
Dabri	\$ 410,239	Y	Y

Total Work Plan Value: \$ 432,099