

BART Agreement Number: 6M8145

Approval Date: 05/07/21

Work Plan No. B32-01-SFV Annual Cathodic Protection Survey

2. Scope of Services

Perform annual survey for the Cathodic Protection (CP) system at the San Francisco Transition Structure (SFV). The survey will consist of the following:

- A. Measuring DC voltage and current output at the 10 rectifiers and comparing to remote monitoring readings
 - 24V/100A – Four each
 - 6V/20A – Six each
- B. Measuring anode and/or negative structure currents at 30 CP junction boxes and compare to remote monitoring readings
- C. Installation and removal of 10 temporary current interrupters used to measure instant off structure-to-electrolyte potentials
- D. Measuring ON and Instant OFF structure-to-electrolyte potentials using the existing reference electrodes (31 each)
 - Suspended reference electrodes - 26 each
 - Thru-hull reference electrodes – 5 each
- E. Adjustment of 10 rectifiers to increase/decrease current levels as required
- F. Other tasks as directed.

Prime: Jacobs

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
National Corrosion	\$45,040	N	N

Total Work Plan Value: \$ 51,708