

**Work Plan No B.58-02 Escalator and Elevator Machine Rooms of three stations – MS4 Compliance - Surveying****Scope:****2.0 SCOPE OF SERVICES****2.1 Site Visit Work**

- 2.1.1** Search and recovery of control points shown on the client-provided civil plans for the Daly City, Bay Fair, and San Leandro stations. Control recovery will be a standalone effort performed during revenue hours. This phase of work will be limited to the outside of each station. BART to coordinate, based on BART surveyor's availability, to meet with AECOM surveyor on-site. If BART has specific field work protocol that the surveyors need to follow, BART shall share the protocol and provide training if required.
- 2.1.2** Perpetuate control from outside to inside each station. This task will be performed during non-revenue hours, just prior to the underground utility survey. Control points inside each station will consist of discrete markings or small nails, set flush with the surface.
- 2.1.3** In coordination with BART facilities personnel, the survey area will be secured and inaccessible areas will be made available.
- 2.1.4** Exaro Technology to perform underground utility locating using a Closed-Circuit Television (CCTV) system. The California Licensed Land Surveyor will

work side-by-side with the Foreman and Technician, taking horizontal and vertical measurements at the underground utility locations in real time. To avoid marring or defacing the station ground surfaces, ground markings will not be utilized. Exaro Technology is certified as a Small Business Enterprise (SBE #42413) and Minority Business Enterprise (MBE #5LN00013).

- 2.1.5** B.58-02 satisfies the original Work Plan and DBE/SBE requirements.

**2.2 Conceptual Design Drawing**

- 2.2.1** Consultant to develop 3D model of existing sanitary sewer lines for each station.

**Prime: AECOM**

<b>Subconsultant</b>	<b>Amount</b>	<b>DBE (Y/N)</b>	<b>SBE (Y/N)</b>
Exaro Technology	\$ 16,413	N	Y

**Total Work Plan Value: \$ 44,736**