

BART Agreement Number: 6M8145

Approval Date: 06/17/2020

Work Plan No. A.08-01 – 19th Street Bike Station

Scope:

3.1 Gather and Review existing conditions information

- Site visit
- Confirm data needs
- Retrieve existing site information from BART including: surveys, as-built drawings, utilities, soils report, documentation from related projects, and all other existing data.

3.2 Topographic Land Survey, Geotechnical Investigation, and Utility Location

- Survey (RSE)
 - Topographic surveys (site survey for control points, elevations, grades and for demo elements). Horizontal Control referenced to California Real Time Network NAD83, Epoch 2017.5 or as provided by BART. Vertical referenced to NAVD88 per City or County, whichever is closest to site or as provided by BART (limit of underground BART infrastructure will be superimposed in phantom on the surface planimetrics)
 - Right of Way survey (Obtain record maps from the City and County database, prepare preliminary right of way line work for inclusion in the topo map, and order preliminary title reports for parcels adjacent to the project site.
- Utility Location and Potholing (Exaro)
 - Existing Utilities survey (GPR utility location & allowance for 7 potholes with one trench).
- Geotechnical -Jacobs
 - Geotechnical investigation and geotechnical report

3.3 Draft ROM cost estimates of 2 alternative concepts

- Prepare ROM cost estimates of 2 (two) conceptual design alternatives (one-story & taller volume bike shed that can accept a future second-story).
- BART will select the preferred set of alternative solutions to advance to Preliminary Engineering task.

Prime: Jacobs

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
DLR Group/Kwan Henmi	\$ 131,940	N	N
M Lee Corp	\$ 53,127	Y	Y
RSE	\$ 16,957	N	Y
Exaro	\$ 18,388	N	Y

Total Work Plan Value: \$ 419,501