

Work Plan No.: A.14-02 - BART Warm Springs Extension Irvington Station Final Design Amendment #1

Scope:

2.0 SCOPE OF WORK

The Scope of Work (SOW) for the Project consists of the continued Final Design for the Irvington Infill Station and the Gallegos Winery Park which includes the following:

- (a) Remove trees obstructing the Gallegos winery ruins so that the wall can be properly assessed.
- (b) Use GPR and ER scan for anomalies behind the Gallegos winery walls.
- (c) Perform borings to investigate anomalies discovered behind the Gallegos winery walls.
- (d) Perform an ALTA survey of the Gallegos site.
- (e) Perform wind scenarios as part of the fire dynamic simulation.
- (f) Perform “what-if” scenarios to determine the design approach that most effectively balances construction efficiency, cost and schedule with operation impacts.
- (g) Use the BART Design Checklist implemented in early 2021.
- (h) Design the shoring along the trackway.
- (i) Re-design restrooms to have an “airport-style” configuration to align with BART’s new approach regarding restrooms.
- (j) Add HVAC to unassigned rooms likely to be used as offices or for communication equipment.
- (k) Accommodate digital railway.
- (l) Add a stormwater pump to convey water west of the BART tracks to the treatment area east of the BART tracks.
- (m) Keep City and BART storm drainage separate.
- (n) Re-design for second PG&E feed, if confirmed to be available.
- (o) Gallegos pathway reconfiguration to not underground the swale.
- (p) Incorporate the updated BART standard signage anticipated to be released in 2022.
- (q) Additional tasks as assigned.
- (r) Final Design would be limited to Phase 1 of the Project’s Scope of Work per the attached Exhibit A, Estimate Phasing Overall Plan.

The work within BART ROW will be performed in accordance with BART Standards. The work within the City ROW will be performed to City of Fremont Standards.

2.1 BART SUPPORT

- (a) BART will provide guidance and input with pertinent information as design criteria, as-built drawings, specifications, and interface/coordination requirements in the design of the Fiber backbone and tie-in into the existing fiber system.

Prime: PGH Wong Engineering, Inc.

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
Glumac - Mechanical	\$ 44,820	N	N
Towill – Surveying	\$ 44,864	N	N
WRECO	\$ 192,009	Y	Y
AMC – Structural	\$ 175,000	Y	Y
Moffatt & Nichol	\$ 61,246	N	N

Work Plan Value: \$1,006,372