

Work Plan No. A.08-03 BART Millbrae Tail Tracks Extension Project General Engineering Services & Design Support During Construction

Scope:

2.0 SCOPE OF WORK

CONSULTANT will provide the following services to support BART's Project Management and Engineering Team, as requested:

2.1 GENERAL ENGINEERING DESIGN

- a) Design Services - Develop two new and separate design packages for the scope of work to be completed under a procured contract, and scope of work to be completed by BARTCCD. The two design packages will consist of the scope previously defined in the 15CH-110 Issued for Bid (IFB) package. Each package will consist of Plans, Specifications, and Estimates (PS&E). Package 1 will include work to be constructed by a Contractor under a new procured contract. Package 2 will include work to be constructed by BARTCCD.
 - i. Package 1 - Repackage and develop new IFB package, incorporating packaging comments from BART for the scope of work to be constructed by a Contractor. This package will consist of:
 - 1) Drawings – Develop a new set of drawings based on the current design showing work to be performed under a procured contract and retitled for Package 1.
 - 2) Specifications – Repackage specifications based on applicable sections from the current design and retitled for Package 1. No changes to the specifications other than updates to title sheets, and sections' headers and footers are anticipated.
 - 3) Engineering Cost Estimates – Prepare new cost estimate for the scope of work included in Package 1 and update unit rates per current market conditions.

- 4) Schedule – Update schedule to reflect scope modifications and current market conditions.
- ii. Package 2 - Develop new package, incorporating packaging comments from BART for the scope of work to be constructed by BARTCCD. This package will consist of:
 - 1) Drawings - Update drawings based on current design showing work to be performed by BARTCCD and retitled for Package 2.
 - 2) Specifications – Develop a new set of specifications based on applicable sections from the current design and retitled for Package 2. No changes to the specifications other than updates to title sheets, and sections’ headers and footers are anticipated.
 - 3) Engineering Cost Estimates – Prepare new cost estimate for the scope of work included in Package 2 and updating unit rates per current market conditions.
 - 4) Schedule – Update schedule to reflect scope modifications and current market conditions.
- b) Bid Support – As requested by BART, provide bid support during procurement of Package 1.
- c) Packaging Coordination - Coordinate drawings with disciplines and BART as required for packaging only. No design revisions are anticipated from review comments.
- d) General Support - Provide support for meeting minutes

Prime: PGH Wong Engineering, Inc.

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
FW Associates, Inc.	\$ 8,420	Y	Y
AMC Consulting Engineers Inc.	\$ 9,363	Y	Y
Parikh Consultants Inc	\$ 2,000	Y	Y

Total Work Plan Value: \$ 142,261