

BART Agreement Number: 6M8122

Approval Date: 05/29/18

Work Plan No. A.02-02 -

DSDC for Fruitvale and Coliseum Stations; Caldecott Tunnel; A-Line Seismic Operability

Scope:

CONSULTANT will provide DSDC services in accordance with Attachment A of the Agreement No. 6M8122 incorporated herein by reference and provide a Project Engineer (PE) with duties such as reviewing RFIs and Submittals, responding to same where no design change is needed, and involving the Engineer of Record (EOR) or his/her Designee for issues involving design change. The PE will often provide prior solutions or lessons-learned to the Engineer of Record (EOR) or its Designee. The PE will be the principal point of contact for design issues.

CONSULTANT's Scope of Work will include the following:

1. Provide technical review of Request for Information (RFI) and Contractor Submittals with responses, if possible, where there is no impact on the original Design. Assign certain RFI and Submittals to the EORs as required for consistency with the original Design. Provide tracking logs to monitor that timely responses are received from the EORs.
2. Coordinate responses, including interpretation and clarification, with other Engineers (See 5.0), inside and outside the various on-call GECs.
3. Conduct site visits in coordination with BART's Resident Engineer-Construction Management Group (RE) to better understand field conditions associated with RFIs, Non-Conformance Reports (NCRs), and changes so that appropriate technical responses can be made.
4. Develop and provide revised Contract Drawings and/or Specifications for BART Construction Contract changes based on differing as-built or site conditions found in the field.
5. Develop and provide "DSDC calculations" for changes made to the Conformed Contract Documents during the Construction period.
6. DSDC deliverables will be returned to the PE with hard copy to Project Document Control Center (PDCC). BART General Engineering Services BART Agreement No. 6M8122 Work Plan No. A.02-02 PGH Wong Engineering, Inc. DSDC Services for ESP
7. Staff and manage the PDCC.
8. Attend meetings as requested by BART's PE.
9. Maintain BART Earthquake Safety Program (BESP) Project Procedures and assist BART in implementing the procedures across on-call GECs.
10. Review and comment on draft and final reports on Geotechnical Testing Results and data collected by BART's RE, BART Construction Contractors, and Micropile/CIDH Pile Test Reports. Obtain EOR input where needed.
11. Provide support as requested by BART's PE assisting BART in preparation of Change Notices/Change Orders, SSWPs and access notices, evaluation of

BART Construction Contractor Work Plans and alternatives, or other requests.

12. Provide coordination with third parties (Cities, PG&E, UPRR, etc.) as requested by BART's PE.
13. For any BART Construction Contractor's Value Engineering Proposals, provide technical evaluations, recommendations, estimated cost and schedule impacts as requested by BART's PE.
14. Provide technical review and comments on Draft Reports and Documents on utility and electrical impacts as required by BART's PE.
15. Issue weekly DSDC Task Order Logs to track the EOR assigned tasks, budgets, and actual expenditures by task prior to EOR invoicing.
16. Review and approve EOR's monthly invoices for payment by BART or BART's on-call GECs.
17. Provide general schedule and cost support to the ESP Program.

Prime: PGH Wong

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
AMC	\$623,958	Y	Y

Total Work Plan Value: \$1,170,075