

BART Agreement Number: 6M8169

Approval Date: 06/05/24

Revised Date: 08/23/24

Revised Date: 01/23/25

Work Plan No A.04.01 6M8169 Systra DSDC for 12 Months June 01, 2024 to May 31, 2025

Scope:

Systra will be responsible for providing Design Support During Construction Services for the CBTC Contract 49GH-110 for the Period of July 1, 2024 to June 30, 2025. The scope of work includes tasks as listed below:

1. DSDC services in support of completion of FDR and MDR in this 12 Month period using guidelines as established in the latest edition of the BART DB Oversight Manual.
2. Coordination with the District's various departments occupying or responsible for the affected Assets (RS&S, Training, Train Control Engineering, Train Control Maint, Communication Engineering, Comm Maint, CSE, BART Project Management, Transportation Planning, Maximo, OCC, Safety, MIMI Bolaffi, Yard & Mainline Transportation, OCIO, Computer Engineering Maint. Track and Structures), with Working Groups and with Hitachi Rail.
3. Conduct and attend regular and special meetings, as required.
4. Review Final Design 375 CDRLs, Migration Specific Design (ATS 210 CDRLs), (Test Track 120 CDRLs), Gaps (68 CDRLs) during this project stage.
5. Utilizing and updating the OMS Project Management Software database system (aka DOORS)
6. Review the Integrated Schedule for project managed by M&E that includes design and construction and all District activities and ties to predecessor and successor activities
7. Support the review Invoices, Change Notice and Change Order input and review. Small Business%. Review RFI, RAM, Design Changes During Construction, Requirements and Traceability, Safety and Security Committee Meeting (SSMP), Vehicle Interface Design and Change Order support, Vehicle PDR & FDR CDRL Risk Register Support, HMC Design Reviews, Broken Rail Support
8. After Final Design and Gaps are closed Parsons & Systra Engineering staff will be reduced and some support will be shifted to Deployment Testing and Commissioning.

Prime: Systra Consulting (TCMP)

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
Anil Verma	\$ 190,815	Y	Y
TSE (Armand Consulting)	\$ 130,766	Y	Y
Lea & Elliott	\$ 1,292,476	N	N
KKCS	\$ 27,108	Y	Y
Hatch	\$ 1,486,875	N	N
Turner	\$ 754,712	N	Y
Unico	\$ 335,854	Y	Y
Intueor	\$ 524,974	Y	Y
TBD – as needed based on project request for future independent safety assessor	\$ 329,424	N	N
Virginkar & Associates, Inc.	\$ 59,152	Y	Y

Total Work Plan Value: \$ 8,957,556