

BART Agreement Number: 6M8132

Approval Date: 09/28/23

Work Plan No. B.24-03 CWS Transformer Replacement - Construction and Testing

Scope:

13. Participate in testing and integration of the CWS Emergency and PABX phones.
14. Participate in BART CWS protection scheme updates as per PG&E requirements.
15. Participate in BART updates of the CWS – CER Comm Interfaces.
16. Participate in follow up BART CWS SCADA equipment and software testing.
17. Review follow up updates to the Asbuilt documentation

1. Perform Field Visits and conduct Field Inspections
2. Coordinate BART Traction Power (TP) Engineering and BART TP Maintenance efforts
3. Coordinate project team efforts with BART Communications, Computer, and Security groups and BART OCC.
4. Coordinate system updates based on BART Team and PG&E coordination efforts.
5. Review supplier's Programmable Logic Controller (PLC) and Ethernet switch programming and implementation
6. Participate in Contractor/BART Maintenance CWS field testing and commissioning.
7. Participate in BART CWS energization and commissioning.
8. Coordinate field resolution of SCADA Equipment Troubleshooting.
9. Review project As-built documentation
10. Review project Maintenance Manuals
11. Coordinate troubleshooting and replacement of the CWS CCA Ethernet Switches.
12. Participate in testing and integration of the CWS Access Control System.

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16. Participate in follow up BART CWS SCADA equipment and software testing.
17. Review follow up updates to the Asbuilt documentation

Prime: ACm, JV (AECOM + Cooper Pugeda Mgmt)

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
STV	\$ 75,463	N	N

Total Work Plan Value: \$ 78,501