

Work Plan No. A.19-02 15IJRR1 MOCC Systems Integration Design - Part 2

Scope:

The scope of services is expected to include but not limited to the following:

1. Project Management and Administration.
2. Attend BART project and coordination meetings.
3. Conduct technical meetings and workshops
4. Site investigations and visits.
5. Provide QA/QC for all deliverables in compliance with the approved quality management plan.
6. Finalize 65% updates to the Concept of Operations.
7. Prepare 100% updates to the Concept of Operations to include Systems Basis of Design details.
8. Developing performance specifications and drawings for an integrated MOCC that will install the existing systems and upgrade hardware / firmware, when possible.
9. Provide recommendations for the procurement and installation strategies for new System assets.
10. Provide documentation to support BART or OCC Modernization Contractor's procurement and installation of Systems assets including detailed BOMs, price quotes, preparation of BART purchase requisition documentation, etc.
11. Review of OCC Modernization Contractor Documents and Submittals to ensure integration with the System Design.
12. Support systems procurement and first article inspections.
13. Support BART during their systems installation and system testing
14. Support BART during TOCC migration to MOCC – planning, strategy, implementation
15. Develop Systems Integration Test Plans and Procedures with roles and responsibilities of BART and OCC Modernization Contractor either under the base contract or change scope clearly defined.
16. Support Systems Integration Testing
17. Support during commissioning
18. Produce Final Design - detailed installation drawings, workplan and procedures of BART provided systems
19. Potential solution reviews for design inclusion feasibility:
20. Video Wall Control System – Solution Reviews and Recommendation
21. Console Management System – Solution Reviews and Recommendation
22. Prototype Console Support – configuration, setup, testing
23. Other system enhancement support – Solution review of Video Doorbell, CCTV video wall integration.
24. Provide support to Temporary Remote OCC (TROCC) on as needed basis (limited to 40 Hrs).
25. Other technical support as required.

Prime: TY LIN - TSE, JV

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
Colmena	\$ 117,432	Y	Y
Charistech	\$ 155,598	Y	Y
YEI	\$ 54,656	Y	Y

Total Work Plan Value: \$ 915,932