

Work Plan No. A.01-01 MPS Substation Replacement Design Services

Scope:

TASK 1.0 – PROJECT MANAGEMENT

Activities for this Work Plan task:

- Schedule and conduct kick-off and bi-weekly progress meetings.
- Coordination between subconsultants and disciplines to ensure 95%, 100% and IFB deliverables follow contractual and Quality standards.
- Schedule and coordinate stakeholder workshops, comment resolution meetings and field visits

Deliverables for Task 1.0

1. Meeting agendas and meeting minutes
2. Memorandum of lessons learned to incorporate after stakeholder workshops
3. Updated design schedule

TASK 2.0 – FIELD VISITS (PLAN FOR 4)

Activities for this Work Plan task:

- Two field visits by designers to confirm 95% design before re-submitting for BART review
- An additional field visit after the 95% submittal and 100% submittal with BART stakeholders to address and stakeholder comments or concerns
- Field visit during Bid Support

Deliverables for Task 2.0

1. Memorandum documenting observations made, items discussed, decisions made, and action items; one per field visit.
2. Updates to the design documents due to observed field conditions.

TASK 3.0 – DESIGN SERVICES

Activities for this Work Plan task:

- Resubmit 95% Plans and Specifications incorporating new direction from the district including but not limited to:
 - An estimate of hazardous remediation scope in Contract

- Provide make and model or equal for all equipment and materials with a unit price greater than \$5000
- Update specifications to include list of potential tests
- Update ETTS design without MTW and MTF included
- Update design package to incorporate any other lessons learned and adjustments from field visits
- Update to BFS 3.2.1 or keep existing 3.2 – Project Engineer to finalize
- Update specifications to include a 3D model generated by the contractor in the submittals
- Modify short circuit specification ratings to equipment maximum – Project Engineer to finalize
- Attend up to 3 workshops with BART stakeholders for “lessons learned” and “page-turn” reviews.
- Generate a new bid schedule and estimate with unit price direction from BART similar to CWC TPSS.
- 100% Plans, Specifications, and Estimate with all 95% stakeholder comments resolved.
- IFB Plans and Specifications.

Deliverables for Task 3.0

1. Updated 95% Plans, Specifications Estimate
2. Closed 95% design Comment Resolution Form (CRF)
3. 100% Plans, Specifications with new Estimate
4. Fully verified CRF
5. IFB Plans, Specifications and Estimate

TASK 4.0 – BID SUPPORT

Activities for this Work Plan task:

- Provide Bid Support for the district
- Attend and support pre-bid presentation and job walk
- Generate one (1) amendment if needed to the construction documents during the Bid Process Schedule

Prime: WSP

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
YEI Engineers Inc.	\$ 52,285	Y	Y
Robin Chiang and Co.	\$ 58,161	Y	Y
M Lee Corporation	\$ 126,714	Y	Y
United ECM	\$ 125,793	N	Y

Total Work Plan Value: \$ 1,009,896