

BART Agreement Number: 6M8182

Approval Date: 06/06/23

Work Plan No. B.14-02 Resident Engineer and Office Engineer services for Portable substation project

Scope:

Specific duties and responsibilities for the Resident Engineer shall include the following:

- a) Serves as the District Representative and is responsible for the administration and monitoring of the Contract until final project closeout is complete;
- b) Serves as the Subject Matter Expert and routinely interact with numerous outside Agencies and internal departments including, but not limited to, the Office of the General Counsel, the Procurement Department, the Office of Civil Rights, and the Office of External Affairs;
- c) Expected to provide field verification, be responsible and in charge and conduct general field visits during the life of the contract. Frequency of these visits will be based on a case by case basis or as determined by the District
- d) Directly responsible for overall project management to include; permitting, planning, organizing, monitoring and directing of all work activities and resources necessary to complete project within budget, scope, schedule, and quality requirements;
- e) Reviews and responds to Contractor's submittals, Requests for Information (RFI)s, and letters, and maintains project files with the utilization of WongCMS or other District approved software;
- f) Reviews Contractor submittals for adequacy and accuracy in accordance with the Contract Documents;
- g) Strictly follows CM's QA Audit Checklist to prepare and monitor the project in progress;
- h) Prepares written documents (i.e. correspondences, proposals, reports, performance evaluations and other documents);
- i) Schedules and conducts weekly progress meetings and prepares meeting summaries;
- j) Manages and provides technical support to field issues;

- k) Initiates and evaluates design and field engineering changes during construction;
- l) Evaluates Contractor's suggestions for minor changes to contract requirements;
- m) Reviews Notice of Potential Claims (NOPCs), provides recommendations, and resolves disputes with the Contractor, through the Change Notice/Change Order process if necessary;
- n) Processes and reviews Change Notices and Change Orders by preparing engineering designs, specifications, costs, independent quantity estimates, and tracking contingency balances associated with necessary changes to the Contract Documents;
- o) Negotiates protested Change Notices with Contractor for further processing of Change Order;
- p) Implements and ensures that District approved quality Assurance Program is successfully executed;
- q) Inspects and reviews project to monitor compliance with the Contract Documents;
- r) Reviews material testing data;
- s) Makes field measurements of completed items of work;
- t) Tracks construction progress, activities, and use of approved materials and equipment for verification of Contractor's Payment Applications;
- u) Reviews and processes monthly progress payments;
- v) Reviews Contractor's progress schedules and documents construction progress through daily reports, project status reporting, and project scheduling;
- w) Daily reports, project status reporting, and project scheduling.
- x) Manages, prepares and approves daily supervision and inspection reports;
- y) Assures M&E receives as-builts and O&M Manuals three (3) months prior to Final acceptance of work;
- z) Ensures Contractor's personnel obtains the appropriate BART ID, security badges, and RWP-40-hour training if required and returns BART issued IDs, security badges, and District materials upon completion of or separation from the project;
- aa) Coordinates Contractor's access to site with the appropriate stakeholders;
- bb) Analysis of Contractor claims and set up claim resolution meetings with Contractor, Contract Management and Legal;
- cc) Review Contractor schedule
- dd) Track allocation requests;
- ee) Supports field inspections;
- ff) Other tasks as directed by the District.

Specific duties and responsibilities for the Office Engineer shall include, but not be limited to, the following:

- a) Provides procedural, administrative support to Resident Engineer and Project Staff;
- b) Reserves/schedules conference rooms and attends weekly progress status meetings with the Contractor;
- c) Supports the preparation of progress meeting agendas and minutes;
- d) Receives documents from the Contractor and processes incoming/outgoing correspondences, transmittals, submittals, RFIs, changes, etc.;

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- e) Keeps Submittal and RFI Logs updated;
- f) Routes documents for approval and signatures (RFIs, changes, submittals, etc)
- g) Tracks status of documents (submittals, RFIs, changes, etc.) to ensure timely response and keeps Resident Engineer informed of status;
- h) Uploads the signed Inspector Daily Reports (IDRs) in the WongCMS database or another approved District software;
- i) Assists Inspectors with files and database system information, when needed;
- j) Assists Project Manager and Resident Engineer with Change Notices and Change Orders;
- k) Assists in the review of Contractor's cost proposals and processing of invoices;
- l) Evaluates, processes and routes Contractor's monthly invoices for approval;
- m) Reviews and submits Pay Apps;
- n) Tracks Contractor's invoices to ensure timely payment;
- o) Updates WongCMS (correspondence, transmittals, RFI Log, Submittal Log, etc.);
- p) Maintains records of paper files and hardcopies of contract documents;
- q) Processes requests for Contractor's badges and clearances and assists with on-boarding of new staff;
- r) Performs other tasks as directed by the Program Manager/Resident Engineer and/or the District.
- s) Tracks RFIs, responses and metrics;
- t) Tracks Project submittals, responses and, if necessary, reviews the submittals;
- u) Processes and/or assists in the making and processing of Track Allocation Requests, and attends at meetings;
- v) Manages and monitors Document control and provides editorial support;

Prime: Ghirardelli

Subconsultants: None

Total Work Plan Value: \$ 301,452