

BART Agreement Number: 6M8177

Approval Date: 10/03/24

Work Plan B.01-03 NRVE Procurement Support

Scope:

The Consultant Project Engineer shall provide full-time (40 hours/week) support for the FTA funded procurement of the NRVE. Under the direction of the PM, the work includes vehicle and vendor research and preparation of the contract documents for procurement, including writing technical specifications and preparing independent cost estimates. Equipment to be procured includes but is not limited to:

- All types of Non-Revenue Vehicles and Equipment (NRVE).
- Specialized Trucks (Welding truck, Water truck, Crew truck, Stake-bed truck).
- Ultrasonic Rail Testing Vehicles and Equipment.
- Rail Equipment (i.e. Locomotives, Inserters, Switchers, Tampers, Fuel Trucks, Regulators, Welding Trucks, etc.).
- Rail Maintenance Equipment (Locomotives, Powered/Flat cars, Inserters, Switchers, Tampers, Regulators, Rotary Dump Trucks, Lifts, Crawlers, Maintenance Crew specific designed vans, Hi-railers, wide gauge and standard gauge for eBART).
- Rubber Tire Vehicles (i.e. Pick-up Trucks, Cars, and Vans).
- Construction Equipment (i.e. Aerial lifts, Forklifts, Excavators, Loaders).
- Specialized Hi-Rail Equipment, Vehicles, Attachments and Tools.
- Clean air vehicles

Specific tasks include, but are not limited to the following:

- a. Coordination with stakeholders for vehicles and equipment requirements.
- b. Market research and analysis to understand market conditions, cost, lead time, and availability of vehicles and quotations.
- c. Researching, drafting, and reviewing technical and contractual document(s) accurately and free of errors and emissions including figures, tables, pictures, and compliance with the Specification(s) or Contract agreement
- d. Preparation of technical specifications, independent cost estimates, contract drawings.
- e. Support during procurement including meeting with District staff and review of procurement package.
- f. Preparation and review contract submittals. Immediately notify the BART PM if any review of the submittals; inspection QA; or daily reports indicates that the Supplier has failed to execute its

responsibility to meet the technical specifications for quality control and/or inspection on any part of the Work.

- g. Report any technical concerns and provide suggestions to BART management about the planned NRVEs when directed by the PM.
- h. Suggest technical approaches to mitigate, transfer or avoid risks when identified.
- i. Advise the PM and Subject Matter Experts (SMEs) on technical subjects beyond the technical expertise of the working group or BART when needed or required.
- j. Respond to Request for Information (RFI) and inquiries on technical aspects from suppliers and/or contractors.
- k. Share industry knowledge and work experiences to refine NRVE technical specifications as they relate to the Specification(s)/Contract.
- l. Analyze technical claims made by the supplier as directed by the PM.
- m. Attend field visits with local suppliers and/or contractors, as directed by the PM, to witness, audit and confirm specifications and performance of vehicles, equipment and the work being performed.
- n. Prepare and process NCRs to document any non-compliances to technical specifications.
- o. Assist in the preparation and processing of Technical Change Notices and Change Orders if applicable in accordance with BART procedures as directed by the PM.
- p. Assist the project to comply with California Air Resource Board (CARB) for zero or near-zero emissions vehicle fleet requirements.
- q. Participate in the Suppliers' meeting(s) at the location as directed by the Project Manager (PM).
- r. Participate in the Suppliers' special topic meeting(s), as required and directed by the Project Manager.
- s. Other tasks as directed by the PM and the District.

Prime: PreScience Corp

Subconsultants: None

Total Work Plan Value: \$ 381,234