

Work Plan: No. B.06-02 – Vent Grate Rehabilitation - SF-MTA 100% Final Design and BMS Coordination

Scope:

2 SCOPE OF WORK

▪ **San Francisco Additional Design Engineering Services**

Parsons proposes to perform the following scope of services for the rehabilitation of 7 grating assemblies in the City of San Francisco:

1. Prepare Plans, Specifications, and Estimate:

Plans, specifications and construction cost estimate (PS&E) will be prepared for rehabilitating the gratings. The PS&E will be developed based on the field investigation report and discussions with BART Maintenance and Engineering (M&E) for practicality and constructability, and to ensure no impacts to BART operations. Updates related to Better Market Street coordination will also be incorporated.

The primary design components to be included in the PS&E are as follows:

- Grating Rehabilitation Plans: Prepare detailed plans for rehabilitation of the gratings including new support beams and connections to the existing structure. New beams will be installed at a lower elevation to maintain existing SF MUNI top of rail with deeper rail section.
- Construction Specifications.
- Construction Estimate.

Proposed milestone submittals are:

- 100% Draft PS&E Structural Design Submittal (other disciplines for 100% Draft PS&E Design Submittal are covered by 6M8146 B.06-01 scope)
- 100% Final PS&E Design Submittal
- Issued-for-Bid PS&E Submittal

Plans and specifications will be prepared in accordance with BART BFS and CADD Standards.

2. Better Market Street coordination:

Monthly coordination meetings with the Better Market Street project team.

▪ **Management**

This scope includes project management and project controls costs through the completion of this scope, including both design and design services during construction. This includes attending bi-weekly design meetings and comment resolution meetings following each milestone submittal, as well as preparation of meeting minutes, invoices, monthly progress reports, and management of subconsultants.

▪ **Design Services During Construction**

Provide design services during construction including but not limited to:

1. Review of submittals and shop drawings
2. Review and respond to RFIs
3. Final As-Built Record Set

Prime: Parsons Transportation Group

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
Structus, Inc.	\$ 43,265	Y	Y

Total Work Plan Value: \$ 172,635