

BART Agreement Number: 6M8146

Approval Date: 05/08/23

**Work Plan No. A.15-01 North Berkeley Access Improvements Design Services
During Construction (DSDC)**

Scope:

The hours listed below are based on monthly estimates of work that may need to be performed. Parsons has assumed a constant level of effort per month for the Parsons team members and will monitor actual expenditures against the assumed level of effort. Item C "Design for Emergency/Phone/Camera Pedestal Scope" includes both Communications and Structural Engineering hours. The subconsultant hours for CHS Consulting Group were based on 5 inquiries for changes or additions requiring 30hrs per inquiry. Studio L'Image has been added as a request by BART for minor changes or additions with a total of 33hrs.

- a. Project Management scope (540 hours total):
 - i. Attend weekly construction progress meetings
 - ii. Manage and coordinate subconsultants as applicable

- b. DSDC scope (732 hours total):
 - i. Review and respond to submittals including shop drawings and product information.
 - ii. Review and respond to Requests for Information (RFI), which may include clarification drawings.
 - iii. Review and comment on design changes made in the field.
 - iv. Assist with resolution of conflicts between design/existing conditions as encountered.
 - v. Prepare temporary traffic control plans for work to be completed on City streets, including pedestrian and cyclist controls and temporary wayfinding.
 - vi. Perform Punch List site visits to review substantially complete work and provide a Punch List Report of items to be completed.
 - vii. Prepare CAD Record Drawings in accordance with BART's CAD Standards Manual and based on the design changes made in the field and recorded by the Construction Support Team in the drawings.
 - viii. Support the BART Construction PM and Project Engineer with updates to the BART Asset Inventory at project closeout.

- c. Design for Emergency Phone/Camera Pedestal scope (150 hours total):
 - i. Design the addition of one phone/camera pedestal adjacent to the Ohlone Greenway near the Franklin St crossing. This is to replace the emergency phones that will be removed as part of the demolition work for the Greenway.
 - ii. Review design with BART Communications Engineering Group, BART PD, and Structural Engineering Group and incorporate their comments into the design.

Notes:

- Encroachment permit applications will be submitted by the BART Project Engineer and are outside this scope.
- Procurements related to the project will be conducted by the BART Project Engineer and BART Project Manager and are outside this scope.

Prime: Parsons Transportation Group

| Subconsultant | Amount | DBE (Y/N) | SBE (Y/N) |
|----------------------|---------------|------------------|------------------|
| CHS Consulting Group | \$ 25,817 | Y | Y |
| Studio L'image | \$ 14,923 | Y | Y |

Total Work Plan Value: \$ 307,765