

BART Agreement Number: 6M8146

Approval Date: 11/09/2020

Work Plan: No. B.08-03 – Additional Design for South Slope, DSDC and others

Scope:

2. SCOPE OF SERVICES

The Consultant is to provide a general engineering services team to perform the following tasks:

Task I

Parsons and its subconsultants will perform additional geotech borings to collect the geotechnical exploration data to confirm the (i) soil/rock interface of the south slope and (ii) the degree of rippability (i.e., rippability index its ability to be excavated with conventional excavation equipment) of the underlying rock if the south slope is cut at 2H:1V. With boring data to confirm the above two parameters, Parsons will provide proposed mitigation strategies for BART's consideration. After BART's approval, the Parsons will complete the final design for the south slope.

Task II

Parsons will provide feasibility/preliminary design of the access road improvements and drainage ditch erosion control in the vicinity of the trackside south slope. This design support is conceptual level and is limited to preliminary exhibits and high level cost estimates (quantity and unit prices).

Task III

Scope includes providing additional engineering support during the procurement and bid process, including but not limited to preparing contract documents and supporting documentation for BART procurement, responding to comments from BART procurement, responding to potential bidders' questions, preparing addendums, bid evaluation, and recommendation for award.

Task IV

Provide design support services during construction (DSDC) including attendance at bi-weekly progress meetings, review and responding to RFIs, shop drawing and submittal reviews, assisting the Resident Engineer with change orders, and conducting intermittent inspections during construction, substantial and final inspections.

Task V

Project management services during the extended project schedule for the development of the contract documents, as well as for bid process assistance and support during construction.

Prime: Parsons Transportation Group

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
Merrill Morris Partners	\$ 6,364	Y	Y
Earth Mechanics, Inc.	\$ 57,930	Y	Y

Total Work Plan Value: \$ 383,442