

**BART Agreement Number: 6M8146**

**Approval Date: 08/26/2020**

**Work Plan: No. A.09-01 – ESP Design Oversight**

**Scope:**

## 2. SCOPE OF SERVICES

The GEC shall supply the following support for the ESP:

### Task 01: Design Oversight

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Consultant shall manage the ESP Engineer of Record (EORs). Duties include:

1. Receive and distribute Contractor Copymittals and requests for information (RFIs) to appropriate EORs.
2. Provide technical oversight and review of structure EOR responses to Contractor submittals and RFIs.
3. Coordinate and consolidate different EOR disciplines responses to Contractor submittals and RFIs. Prepare final response to Contractor submittal or RFI.
4. Identify when external BART stakeholders need to be engaged to address a Contractor submittal or RFI. Obtain BART stakeholder concurrence if required.
5. Identify and develop Change to the Contract Documents as needed to address differing site conditions or other issues impacting original design.
6. Provide technical review of following components of global seismic reanalysis effort:
  - a. Development of revised seismic ground motions
  - b. Structural Analysis if TBT based on revised ground motions.
  - c. Determination of water inflow rates into TBT due to seismic ground motions.
  - d. Determination of egress times out of TBT after seismic event accounting for water inflow.
7. Facilitate meetings between EOR team and Peer Reviewers.
8. Prepare final Seismic Reanalysis Calculation package with support of EOR.

### Task 02: Management of ESP Support Scope and Tasks

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Consultant shall provide appropriate resources to perform tasks above. Consultant shall manage resources to perform tasks on schedule and within approved budget. Work shall be tracked based on the tasks listed in this Work Plan. Consultant shall include in their monthly invoice an ESP Support Activity Log showing the level of effort and cost spent on each task. As applicable, Activity Log shall indicate deliverable type (Submittal, RFI, Change Notice, etc.), date when deliverable was requested, desired deliverable due date, and actual date deliverable was completed.

### Prime: Parsons Transportation Group

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
MGE Engineering, Inc.	\$ 482,878	Y	Y

**Total Work Plan Value: \$ 511,398**