

BART Agreement Number: 6M8143

Approval Date: 05/26/2020

Work Plan No. B.10-01 – Review of Tunnel Water Intrusion Condition Assessment and Rehabilitation Project

HDR’s team, that includes McMillen Jacobs Associates, will review in a technical advisory committee role, the structural and geotechnical components of the water intrusion and rehabilitation program for BART’s existing underground facilities. These facilities include mined steel-lined and concrete tunnels and cut and cover concrete structures. The review activities include:

1. Review all available materials including as-built information regarding original underground facility construction, condition assessments, structural and geotechnical designs, and recent investigations and design efforts.
2. Review approach to curtain grouting, crack injection, cut-and-cover concrete tunnel construction joint rehabilitation and water cutoff plans submitted by BART’s Design Consultant.
3. Prepare report that provides review and comments at 35%, 65%, 90%, and 100% design submissions. It is assumed that each line consists of either two or multiple bore/cells. The review and comments will be for work performed at the following locations:
 - a. M-Line: The line is 7 miles long and is located in San Francisco. The planned work in this area consists of water intrusion rehabilitation work.

Prime: HDR

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
McMillen Jacobs Associates	\$ 74,136	N	N

Total Work Plan Value: \$ 95,340