

**BART Agreement Number: 6M8123**

**Approval Date: 1/30/18**

**Work Plan No. B.04 - Civic Center Station New Scissor Stairs**

**Scope:**

Project scope components:

1. Two BFS compliant scissor stairs with bicycle channels, one located at the south concourse and platform end and the other located at the north concourse and platform end. Stairs will have glass balustrades to match station components.
2. Structural station modifications to support the new stairs. The modifications may consist of reducing or augmenting structural beams to provide sufficient headroom over the stairs. Also, new support structure will be provided to anchor the stairs at the BART concourse and the Muni platform.
3. New lighting will be installed or existing light fixtures relocated to provide the required BFS illumination over the new stairs. This lighting will be installed at the BART platform and Muni platform.
4. New metal picket balustrades with glass guards will be installed around new stairs.
5. Develop exiting calculations to meet fire/life safety requirements, in coordination with system safety Scope of Services (SOS)
6. Prepare risk benefit analysis of meeting current building code (need to meet BART's grandfathered codes; "take advantage of hardship" – what level of code can be met under circumstances)
7. Develop a base bid package for one set of scissor stairs and an additive alternate for the second set of stairs.
8. Develop construction phasing diagrams that depict that no station stairs will be closed during construction.

**Prime: STV**

<b>Subconsultant</b>	<b>Amount</b>	<b>DBE (Y/N)</b>	<b>SBE (Y/N)</b>
M Lee Corp	\$29,538	Y	Y
Structus, Inc.	\$173,883	Y	Y
YEI Engineers, Inc.	\$97,539	Y	Y

**Total Work Plan Value: \$566,219**