Work Plan No. A.02-01 Jacobs CM Oversight Management FY22 & FY23

Scope:

This project is for the retirement of the legacy fixed block signal control system and replace with a communications-based train control (CBTC) system. The primary business objectives to be met by the CBTC System are the following:

A. Help the District to achieve a State of Good Repair by eliminating aging and obsolete train
B. control equipment on the wayside, in equipment rooms and houses and on vehicles, with
C. associated benefits in terms of improved system reliability/availability and reduced
D. maintenance costs.
E. Deliver a step-change increase in line capacity, from 24 to ~30 Trains Per Hour (TPH)
F. in the Transbay Tube and San Francisco downtown core, to support projected growth in
G. the District ridership, in cooperation with other improvement programs that are currently
H. underway or in the planning stages.
I. Improve District train control system Reliability, Availability and Maintainability (RAM),
J. while retaining the Safety that District riders have come to trust.
K. Implement the CBTC System with minimal impacts to ongoing operations, schedule and
L. within budget; and
M. Implement a service proven CBTC product with minimal adaptation/new development, to
N. contain program costs, schedule, and risks.

Prime: Jacobs

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<th>Subconsultant</th>
<th>Amount</th>
<th>DBE (Y/N)</th>
<th>SBE (Y/N)</th>
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Total Work Plan Value: $ 8,557,307