

SAN FRANCISCO  
MUNICIPAL TRANSPORTATION AGENCY  
BOARD OF DIRECTORS

RESOLUTION No. 190319-034

WHEREAS, In March 29, 2012, San Francisco Municipal Transportation Agency Board of Directors approved Contract No. 1240, Document No: 00520, Radio System Replacement Project Design Build Services, to implement the Radio System Replacement project; and,

WHEREAS, This implementation was required to replace the obsolete and failing former SFMTA radio system installed in the early 1970s; and,

WHEREAS, As part of the project, a fleet management system was implemented by Conduent Transportation Solution Inc. in November 2016 and was fully integrated with the new Ratio System; and,

WHEREAS, This integrated fleet management system connects public transit vehicles with back-office scheduling and dispatching software; and,

WHEREAS, It provides location and tracking capabilities for transit vehicles and automatically collects vital real-time data such as GPS locations, schedule adherence status, breakdowns, and emergencies; and,

WHEREAS, This information is immediately available and is used by Muni Operators and Controllers to operate and manage the entire SFMTA fleet efficiently; and,

WHEREAS, The fleet management solution includes a proprietary Computer Aided Dispatch and Automated Vehicle Location system (CAD/AVL); and,

WHEREAS, The CAD/AVL system is comprised of proprietary hardware and software that was installed on all revenue vehicles, as well as, at the fixed-end servers, which facilitates point-to-point internal data transfer, to provide the needed functionality and compatibility with the radio communication systems; and,

WHEREAS, As the CAD/AVL system is an integral part of the SFMTA Radio Communications System and Transit fleet operations and management; frequent updates and periodic software upgrades will be critical to keep the system maintained and supported; and,

WHEREAS, Due to the proprietary nature of Conduent products implemented at the SFMTA, services necessary for the maintenance and upgrade to the CAD/AVL system are only available from Conduent Transport Solutions; and,

WHEREAS, This Contract was procured in accordance with federal requirements for sole source contracts; and,


WHEREAS, There is no Small Business Entity (SBE) subcontracting participation requirement for this Contract; and,

WHEREAS, On June 1, 2018, the SFMTA, under authority delegated by the Planning Department, determined that Contract No. SFMTA 2018-49 for Conduent Technical Professional Services is not defined as a “project” under the California Environmental Quality Act (CEQA) pursuant to Title 14 of the California Code of Regulations Sections 15060(c) and 15378(b); and,

WHEREAS, A copy of the CEQA determination is on file with the Secretary to the SFMTA Board of Directors and is incorporated herein by reference; now, therefore, be it,

RESOLVED, That the San Francisco Municipal Transportation Agency Board of Directors approves Contract No. 2018-49, As-Needed Professional Services, with Conduent Transport Solutions, Inc. to provide as-needed services to the support the Computer Aid Dispatch System and an Automated Vehicle Location System functions of the Muni Radio System, for a contract amount not to exceed \$7,000,000 for a term of five years.

I certify that the foregoing resolution was adopted by the San Francisco Municipal Transportation Agency Board of Directors at its meeting of March 19, 2019.

  
\_\_\_\_\_  
Secretary to the Board of Directors  
San Francisco Municipal Transportation Agency