

MUNICIPAL TRANSPORTATION AGENCY
BOARD OF DIRECTORS
CITY AND COUNTY OF SAN FRANCISCO

RESOLUTION No. 201103-095

WHEREAS, The SFMTA seeks to implement a 12-month Pilot Project to improve traffic safety by developing and implementing a system of “Smart Signals” that uses traffic sensors, cameras, and software to obtain real-time traffic data and applies traffic flow algorithms to modify signal timing along 10 intersections on 3rd Street, from Channel to 20th Street, to adjust signal timing to respond in real-time to changing traffic flow conditions and to improve traffic safety for pedestrians, bicyclists, and transit riders, while maintaining efficient traffic flow; and,

WHEREAS, The SFMTA Board of Directors has awarded a contract to Arcadis, U.S., Inc., a global design and engineering company, to perform the Connected Vision Zero Corridor (CVZC) Proof of Concept Project, one of four projects stipulated in the ATCMTD grant; and,

WHEREAS, The Pilot Project is funded by a Federal Highway Administration grant that requires a one-to-one federal dollar-to-dollar local funding match, and allows gifts of in-kind services or equipment to be fulfill the local funding match requirements; and

WHEREAS, Arcadis, U.S., Inc., and four of its subcontractors—Quanergy, TNL, Globe Tracker, and Volkswagen Research USA—have offered gifts of services and/or equipment to the SFMTA as part of the Contract in addition to the work for which they will be paid under the Contract; and

WHEREAS, Arcadis, U.S., Inc. has offered to provide \$94,200 in administrative and consulting services, valued at approximately \$94,200, as a gift to the SFMTA; and

WHEREAS, Quanergy, an optics and artificial intelligence software company, has offered to provide hardware and software calibration services, valued at approximately \$100,000, as a gift to the SFMTA; and


WHEREAS, TNL, a leading international traffic and mobility software and consulting services firm, has offered to provide traffic flow engine software valued at \$487,500 to the SFMTA; and

WHEREAS, Globe Tracker, a market leader in solutions asset tracking and visibility, will provide light rail vehicle tracking equipment valued at \$122,500 to the SFMTA; and

WHEREAS, Volkswagen Research USA, an advanced technologies and infrastructure technology innovation group, has offered to provide an artificial intelligence model valued at \$60,000 to the SFMTA; now, therefore, be it

RESOLVED, That the San Francisco Municipal Transportation Agency Board of Directors accepts the following gifts for the SFMTA: administrative and consulting services from Arcadis U.S., Inc., valued at approximately \$94,200; hardware and software calibration services from Quanergy, valued at approximately \$100,000; traffic flow engine software from TNL, valued at \$487,500; light rail vehicle tracking equipment valued at \$122,500 from Globe Tracker; and an artificial intelligence model valued at \$60,000 from Volkswagen Research USA.

I certify that the foregoing resolution was adopted by the San Francisco Municipal Transportation Agency Board of Directors at its meeting of October 20, 2020.



Secretary to the Board of Directors
San Francisco Municipal Transportation Agency