

SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
BOARD OF DIRECTORS

RESOLUTION No. 211102-129

WHEREAS, The SFMTA's Connected Corridor Project is a Proof of Concept Pilot Project that implements 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 sensors and cameras that the Project uses record shapes only, they do not record faces, license plate numbers or other personal or identifying information; and,

WHEREAS, On November 3, 2020, the SFMTA Board awarded the Agreement between the City and County of San Francisco and Arcadis, U.S. Inc., for sole source procurement of software, equipment and related professional services to support the traffic safety pilot Connected Corridor Project, Contract No. SFMTA-2020-61-FHWA, for an amount not to exceed \$1,514,492.20 and a term not to exceed 12 months (Resolution No. 201103-094); and,

WHEREAS, This Contract SFMTA-2020-61-FHWA has previously been amended once by Contract Modification No. 1, dated August 21, 2021, which removed Contract Item 5 – Intelligent Transportation System (ITS) Workshop and reallocated funds to Contract Item 4 – Business Intelligence (BI) Reporting & Dashboards to validate traffic sensor data; and,

WHEREAS, This Second Modification to Contract SFMTA-2020-61-FHWA will remove Item 6 – Traffic Simulation & Research, and decrease the value services and equipment donated by the contractor and subcontractors to \$854,200; and,

WHEREAS, Arcadis, US., Inc. proposes to donate administrative and consulting services valued at \$94,200; Quanergy proposes to donate hardware and software calibration services and licenses valued at \$110,000; and, TNL proposes to donate traffic flow engine software and licenses valued at \$650,000; and,

WHEREAS, Cisco under a separate agreement has donated equipment and services to the SFMTA valued \$422,089 that will be used in this Project, which agreement was inadvertently not previously submitted to the SFMTA Board for approval; and,

WHEREAS, Quanergy under a separate agreement in May 2019 donated to the SFMTA professional services valued at \$100,000 that will be used in this Project, which agreement was inadvertently not previously submitted to the SFMTA Board for approval; and,

WHEREAS, Globe Tracker, and Volkswagen Research USA, were Project subcontractors but have withdrawn from the Project and will not donate the previously offered services, software and equipment valued at \$122,500 and \$60,000, respectively; and,

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

WHEREAS, The Project is subject to the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA); On September 3, 2020, the California Department of Transportation (Caltrans), under authority delegated by the Federal Highway Administration, determined that the Project has no significant impacts on the environment as defined by NEPA. Caltrans determined that pursuant to 23 USC 326, the Project is a Categorical Exclusion under 23 CFR 771.117(c): activity (c)(21); and,

WHEREAS, On September 22, 2020, the SFMTA, under authority delegated by the Planning Department, determined (Case Number 2020-008518ENV) that the Connected Vision Zero Corridor Project is categorically exempt from CEQA as defined in Title 14 of the California Code of Regulations Section 15301; CEQA provides a categorical exemption from environmental review for operation, repair, maintenance, or minor alteration of existing public facilities including existing highways and streets, sidewalks, gutters, bicycle and pedestrian trails, and similar functions as defined in Title 14 of the California Code Regulations Section 15301; and,

WHEREAS, The changes proposed in Contract Modification 2 fall within the scope of the environmental review described above; and,

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

RESOLVED, That the SFMTA Board of Directors approves Modification No. 2 to Contract No. SFMTA-2020-61-FHWA, sole source procurement of software, equipment, and related professional services to support the traffic safety pilot Project Connected Corridor Project, to remove Contract Item 6. Traffic Simulation & Research, and to reduce the contract amount \$30,289.84 for a modified contract amount of \$1,484,202.36; and be it

FURTHER RESOLVED, That the San Francisco Municipal Transportation Agency Board of Directors approves and accepts the donation to the SFMTA from Cisco of equipment and consulting services from Cisco, valued at approximately \$422,089, as described in the Cisco Systems, Inc. Equipment Donation Agreement dated May 6, 2019; and be it;

FURTHER RESOLVED, That the San Francisco Municipal Transportation Agency Board of Directors approves and accepts the donation to the SFMTA of administrative and consulting services from Arcadis, US, Inc., valued at \$94,200, as described in the Donation Agreement between Arcadis and the City and County of San Francisco acting by and through its Municipal Transportation Agency dated November 2, 2021; and be it;

FURTHER RESOLVED, That the San Francisco Municipal Transportation Agency Board of Directors approves and accepts the donation to the SFMTA from Quanergy of hardware


and software calibration services and licenses valued at \$110,000, as described in the Donation Agreement between Quanergy and the City and County of San Francisco acting by and through its Municipal Transportation Agency dated November 2, 2021; and be it

FURTHER RESOLVED, That the San Francisco Municipal Transportation Agency Board of Directors retroactively approves and accepts the donation to the SFMTA from Quanergy of hardware and software calibration services and licenses valued at \$100,000, which was provided in March 2020; and be it;

FURTHER RESOLVED, That the San Francisco Municipal Transportation Agency Board of Directors approves and accepts the donation to the SFMTA of traffic flow engine software and licenses from TNL, valued at \$650,000, as described in the Donation Agreement between TNL and the City and County of San Francisco acting by and through its Municipal Transportation Agency dated November 2, 2021; and be it;

FURTHER RESOLVED, That the SFMTA Board of Directors authorizes the Director of Transportation, in consultation with the City Attorney, to take such action as the Director deems necessary to effect the intent and purposes of this Resolution.

I certify that the foregoing resolution was adopted by the San Francisco Municipal Transportation Agency Board of Directors at its meeting of November 2, 2021.



Secretary to the Board of Directors
San Francisco Municipal Transportation Agency