

**SAN FRANCISCO  
MUNICIPAL TRANSPORTATION AGENCY**

**DIVISION:** Finance and Information Technology

**BRIEF DESCRIPTION:**

Authorizing the San Francisco Municipal Transportation Agency (SFMTA), through its Director of Transportation (or his designee), to accept and expend \$7,070,567 in FY 2013-2014 California Transit Security Grant Program (CTSGP) funds for the Radio Communications System and Computer Aided Dispatch (CAD) Replacement Project and Bluelight Emergency Telephone Replacement Project; and to execute any agreements or actions necessary for the purpose of obtaining FY2013-2014 CTSGP funds.

**SUMMARY:**

- The Highway Safety, Traffic Reduction, Air Quality and Port Security Bond Act of 2006, approved by California voters authorizes the issuance of general obligation bonds for specified purposes, including grants for transit system safety, security and disaster response projects.
- The California Governor's Office of Emergency Services (Cal OES) administers such funds under the California Transit Security Grant Program (CTSGP). Cal OES allocates CTSGP funding to the Metropolitan Transportation Commission, which sub-allocates the funds to transit operators within its jurisdiction on a formula basis pursuant
- The SFMTA has applied for \$7,070,567 in formula funds from the CTSGP, of which \$4,788,567 is for the Radio Communications System and CAD Replacement Project (Radio Project), and \$2,282,000 is for the Bluelight Emergency Telephone Replacement Project.
- The Radio Project will replace the antiquated radio communications system for both revenue and non-revenue fleets with a modern radio and data communications system. The Bluelight Emergency Telephone Project will replace aging subway emergency telephone stations, communication wiring infrastructure and emergency telephone switches, power supplies for all emergency telephone stations, bluelight stations and operator telephones throughout SFMTA's tunnels, stations and facilities.
- The SFMTA is required by Cal OES to submit a governing body resolution for the purposes of identifying the authorized agent(s) to act on behalf of the SFMTA to execute any actions necessary for the purpose of obtaining the financial assistance provided by Cal OES.

**ENCLOSURES:**

1. SFMTAB Resolution

**APPROVALS:**

**DATE**

DIRECTOR \_\_\_\_\_

2/10/14

SECRETARY \_\_\_\_\_

2/10/14

**ASSIGNED SFMTAB CALENDAR DATE:** February 18, 2014

**PURPOSE**

The SFMTA Board approval of this resolution would authorize the SFMTA to accept and expend \$7,070,567 in California Transit Security Grant Program (CTSGP) funds for the Radio Project and the Bluelight Telephone Project. These two projects are important in improving SFMTA's transit system safety, security and disaster response capacity.

**GOAL**

The SFMTA will further the Strategic Plan through acceptance of these funds:

Goal 1: Create a safer transportation experience for everyone

Objective 1.1: Improve security for transportation system users

Objective 1.3: Improve the safety of the transportation system

**DESCRIPTION**

The Highway Safety, Traffic Reduction, Air Quality and Port Security Bond Act of 2006, approved by California voters as Proposition 1B in the November 7, 2006 General Election, authorizes the issuance of general obligation bonds for specified purposes, including grants for transit system safety, security and disaster response projects. The California Governor's Office of Emergency Services (Cal OES) administers such funds under the CTSGP. Cal OES allocates CTSGP funding to the Metropolitan Transportation Commission, which sub-allocates the funds to transit operators within its jurisdiction on a formula basis pursuant to Section 99314 of the Public Utilities Code.

The SFMTA has applied for \$7,070,567 in FY 2013-2014 CTSGP funds for the Radio Communications Systems and Computer Aided Dispatch (CAD) Replacement Project (Radio Project) and for the Bluelight Emergency Telephone Replacement Project. The Radio Project will replace the antiquated radio communications system for both revenue and non-revenue fleets with a modern radio and data communications system. It is the largest component of the renovation and upgrade of the SFMTA Central Control Facility. The existing Motorola Metrocom system is over 30 years old and at the end of its useful life. The existing system is no longer manufactured, has very limited parts availability and technical support, and cannot be upgraded. The existing system cannot be extended to carry data traffic generated by "smart" vehicle applications such as Automatic Passenger Counters and Automatic Vehicle Location (AVL) data. The system has limited direct radio communications with revenue and non-revenue vehicles, as well as transit service managers in the field. On April 17, 2012, the SFMTA Board approved Resolution No. 12-054 to award Contract No. 1240, the design/build contract for the Radio Project.

Bluelight emergency telephone system phones are located throughout the Muni Metro subway system. They allow train operators, maintenance staff, and patrons to reach Central Control. The San Francisco Fire Department also uses the system in emergency situations. At times, wireless communication does not work in the subway; therefore, these hardwired phones are more reliable. The current phone system was installed in the early 1980s and covers the Metro Subway, Muni Metro Tunnel and Twin Peaks Tunnels. These phones have a useful life of 20-25 years and are therefore overdue for replacement. Because of the age of the system and deficiency in its original design, significant resources are currently required to keep the system operational. This Board awarded Contract No. 1268 on November 19, 2013, to replace and upgrade the bluelight telephone system in the Muni Metro and the

Twin Peaks Tunnel, and to install such a system in the Sunset Tunnel.

The SFMTA is required by Cal OES to submit a governing body resolution for the purposes of identifying the authorized agent(s) to act on behalf of the SFMTA to execute any actions necessary for the purpose of obtaining the financial assistance provided by Cal OES.

### **ALTERNATIVES CONSIDERED**

There are no alternatives to replacing the antiquated radio and bluelight emergency communication system. The existing system is outdated and parts are no longer available.

### **FUNDING IMPACT**

The total cost of the Radio Project is \$116,925,667. The Radio Project is funded from the following sources: 1) Federal grants (\$17,999,854); 2) San Francisco County Transportation Authority Proposition K Sales Tax (\$61,757,410); 3) State Proposition 1B Bonds (\$26,000,268) including the FY 2013-14 allocation; 4) SFMTA Revenue Bonds and Operating Funds (\$8,519,257); and 5) Regional Bridge Toll and other sources (\$2,648,878).

The total cost for the Bluelight Emergency Telephone Project is \$20,744,086. This Project is funded from the following sources: 1) Federal grants (\$8,407,086); 2) State Proposition 1B Bonds (\$2,282,000) including the FY 2013-14 allocation; 3) SFMTA Revenue Bonds (\$9,500,000); and 4) Bridge Toll Revenues (\$555,000).

If the SFMTA is unable to secure all the funds for the two projects, the budget for each of the projects will be amended to reduce the scope of the Project, or portions of the Project will be deferred until the remaining funding arrives.

### **OTHER APPROVALS RECEIVED OR STILL REQUIRED**

No other approvals are required.

The City Attorney's Office has reviewed this calendar item.

### **RECOMMENDATION**

Staff recommends that this Board authorize the SFMTA, through its Director of Transportation (or his designee), to accept and expend \$7,070,567 in FY 2013-14 CTSGP funds.

SAN FRANCISCO  
MUNICIPAL TRANSPORTATION AGENCY  
BOARD OF DIRECTORS

RESOLUTION No. \_\_\_\_\_

WHEREAS, The Highway Safety, Traffic Reduction, Air Quality and Port Security Bond Act of 2006, approved by California voters as Proposition 1B in the November 7, 2006 General Election, authorizes the issuance of general obligation bonds for the specified purposes, including grants for transit system safety, security and disaster response projects; and

WHEREAS, The California Governor's Office of Emergency Services (Cal OES) administers such funds under the California Transit Security Grant Program (CTSGP); and

WHEREAS, Cal OES allocates CTSGP funding to the Metropolitan Transportation Commission, which sub-allocates the funds to transit operators within its jurisdiction on a formula basis pursuant to Section 99314 of the Public Utilities Code; and

WHEREAS, The San Francisco Municipal Transportation Agency (SFMTA) is an eligible recipient for assistance under the CTSGP; and

WHEREAS, The SFMTA has applied for \$7,070,567 in FY2013-2014 CTSGP funds for the Radio Communications System and Computer Aided Dispatch (CAD) Replacement Project (Radio Project) and the Bluelight Emergency Telephone Replacement Project; and

WHEREAS, The Radio Project consists of the design and installation of a new radio system for SFMTA mobile and hand held radios, implementation of a Computer Aided Dispatch/Automatic Vehicle Location (CAD/AVL) system, and provision of communications interoperability with other City departments; and,

WHEREAS, The Bluelight Emergency Telephone Project will replace and upgrade the bluelight emergency telephone system in the Muni Metro and the Twin Peaks Tunnel, and install such a system in the Sunset Tunnel; and,

WHEREAS, Cal OES requires the SFMTA to submit a governing body resolution for the purposes of identifying the authorized agent(s) to act on behalf of the SFMTA to execute any actions necessary for the purpose of obtaining the financial assistance provided by Cal OES; now, therefore be it

RESOLVED, That the SFMTA Board of Directors authorizes the SFMTA, through its Director of Transportation (or his designee), to accept and expend \$7,070,567 in FY2013-2014 Proposition 1B California Transit Security Grant Program funds for the Radio Communications Systems and CAD Replacement Project and the Bluelight Emergency Telephone Replacement Project; and be it further

RESOLVED, That the SFMTA Board of Directions authorizes the Director of Transportation (or his designee) to execute any agreements or actions necessary for the purpose of obtaining FY2013-2014 CTSGP funds.

I certify that the foregoing resolution was adopted by San Francisco Municipal Transportation Agency Board of Directors at its meeting of February 18, 2014.

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Secretary to the Board of Directors  
San Francisco Municipal Transportation Agency