

THIS PRINT COVERS CALENDAR ITEM NO. : 10.7

SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY

DIVISION: Capital Programs and Construction

BRIEF DESCRIPTION:

Authorizing the Director of Transportation to retroactively execute Contract Modification No. 2 to San Francisco Municipal Transportation Agency Contract No. 1267, Subway CCTV Surveillance System Project, with Central Sierra Electric Company, Inc., to perform additional work and compensate the Contractor for inefficiencies, increase the contract amount by \$589,460, and extend the term of the contract by 643 calendar days.

SUMMARY:

- On April 2, 2013, the SFMTA Board of Directors authorized the Director of Transportation to execute Contract No. 1267, Subway CCTV Surveillance System Project, at a cost not to exceed \$3,899,252, and for a term of 320 calendar days.
- The scope of work under this project included installation of new and networked closed circuit television (CCTV) Internet Protocol-based cameras, thermographic (infrared) cameras in the tunnels, video behavioral analytic software at the portals, and video monitoring and storage equipment at the stations and portals. In addition, the project includes electrical system upgrades, including the addition of an uninterruptible power supply system.
- On August 29, 2014, the Director of Transportation executed Contract Modification No. 1 for various scope changes, increasing the contract amount by \$416,458.58, and extending the term by 80 calendar days.
- This modification is necessary to compensate the contractor and provide extra time for inefficiencies resulting from loss of access and extended time to obtain BART permits, as well as performing other miscellaneous additional work.

ENCLOSURES:

1. SFMTAB Resolution
2. Project Budget and Financial Plan
3. Contract Modification No. 2

APPROVALS:

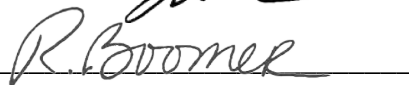
DATE

DIRECTOR _____



8/8/16

SECRETARY _____



8/8/16

ASSIGNED SFMTAB CALENDAR DATE: August 16, 2016

PURPOSE

The purpose of this calendar item is to authorize the Director of Transportation to retroactively execute Contract Modification No. 2 to SFMTA Contract No. 1267, Subway CCTV Surveillance System Project, with Central Sierra Electric Company, Inc., to perform unforeseen additional work, increase the contract amount by \$589,460, and extend the term of the contract by 643 calendar days.

GOAL

Contract No. 1267 will assist in the implementation of the following goals, objectives and initiatives in the SFMTA Strategic Plan:

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

Background

The Muni Metro system provides service to an estimated 423,000 riders weekly. The purpose of the Subway CCTV Surveillance System Installation Project (Project) is to enhance the security and safety of the subway system. The primary objective of the Project is to replace and enhance the aging CCTV surveillance camera system and recording system that serves the subway system, and its perimeters. These systems will be connected to fiber optic infrastructure as part of a separate SFMTA Contract No. 1260R, Integrated Systems Replacement Project.

The Project scope of work under SFMTA Contract 1267 is as follows:

1. Installation of SFMTA pre-purchased new CCTV Internet Protocol-based cameras; thermographic cameras (in the tunnel area); video behavioral analytic software at the portals; and video monitoring and storage equipment at each of the subway stations identified in item 4 below.
2. Interfacing of these new systems to a central monitoring location via a fiber-based communications network.
3. Electrical system upgrades, including the addition of an uninterruptible power supply system (UPS) and branch circuit wiring for the added equipment racks and satellite rack locations.

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4. The system locations are as follows:

a. Stations

1. West Portal Station
2. Forrest Hill Station
3. Castro Station
4. Church Station
5. Van Ness Station
6. Civic Center Station
7. Powell Station
8. Montgomery Station
9. Embarcadero Station

b. Muni Metro Extension (MMX)

c. Portals (not at Stations)

1. Ferry Portal
2. Eureka Portals
3. Duboce Portal
4. Sunset Tunnel Portals

On April 2, 2013, the SFMTA Board of Directors authorized the Director of Transportation to execute Contract No. 1267, Subway CCTV Surveillance System Project, at a cost not to exceed \$3,899,252, and for a term of 320 calendar days. Notice to proceed was issued on July 10, 2013.

On August 29, 2014, the Director of Transportation approved Contract Modification No. 1 to increase the contract amount by \$416,458.58 and extend the overall contract term by 80 calendar days (from May 25, 2014 to August 14, 2014) as a result of the following additional work:

- Provide distribution switches and related hardware that are fully compatible and certified for use with SFMTA systems
- Address design deficiencies in the specified CCTV system

Contract Modification No. 2 is necessary for unforeseen additional work and services due to the following:

- Compensate the contractor for additional costs incurred as a result of difference in contractor allowable work time to the contracted work window provisions as detailed in section SP-4 of the Contract Special Conditions. The areas of work where work hours are impacted include Subway Station and Portals as well as any work within 10 feet of the edge of the station platform or catenary system. The change of allowable work window is necessary to minimize impact to revenue services and to support other projects occurring at the same construction schedule in the same tunnel sections where revenue services are impacted. The modified work windows result in an increased contract amount of \$420,100.

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- Securing four separate BART permits to work at each of the BART Station Mezzanines at Embarcadero, Montgomery, Civic Center, and Powell stations. The work included providing revised and updated SFMTA contract plans, providing full station specific general and detail design drawings and structural calculations, and incorporating BART baseline drawings and design criteria, as well as the additional coordination/facilitation with BART Construction, Engineering and Operations groups and other incidental work required by BART for final approvals. This additional work increased the contract amount by \$169,360 and extended the contract term by 557 calendar days.
- Infrastructure changes and repairing damaged equipment in the Sunset Tunnel resulted in a project extension of 58 calendar days.
- Revised camera locations due to unforeseen conflicts with new infrastructure resulted in a time extension of 13 calendar days.
- Troubleshooting support on City-furnished equipment resulted in a further extension of 15 calendar days.

Staff recently negotiated equitable compensation for the issues above, and request authorization to amend the contract amount from \$4,315,710.58 to \$4,905,170.58 and extend the contract substantial completion date from August 14, 2014 to May 17, 2016.

This contract is funded by the federal Department of Homeland Security; therefore, no Local, Small, or Disadvantaged Business Enterprise goals were set.

STAKEHOLDER ENGAGEMENT

The Project details have been designated as “Sensitive Security Information” (SSI) as defined by federal regulations; therefore, there has been no stakeholder engagement.

ALTERNATIVES CONSIDERED

Not approving this amendment would hinder the agency’s ability to improve safety and security across all modes of transportation. The Department of Homeland Security’s Transit Security Administration (TSA) considers protection of underground (subway) resources to be its highest priority. By delivering this project, the SFMTA will enhance its ability to receive additional resources as the Transit Security Grant Program continues into the future.

FUNDING IMPACT

This project is funded by the federal TSA grant funds.

The budget and financial plan for this project is presented in Enclosure 2.

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ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) provides a categorical exemption from environmental review for restoration or rehabilitation of deteriorated or damaged structures, facilities, or mechanical equipment to meet current standards of public health and safety pursuant to Title 14 of the California Code of Regulations Section 15301(d).

On October 18, 2012, the SFMTA, under the authority delegated by the Planning Department, determined that the CCTV project is categorically exempt from environmental review under Section 15301(d) of the CEQA Guidelines.

The SFMTA's determination (Planning Case Number 2012.1372E) is on file with the Secretary to the SFMTA Board of Directors.

OTHER APPROVALS RECEIVED OR STILL REQUIRED

The City Attorney Office has reviewed this calendar item.

No other approvals are required.

RECOMMENDATION

Staff recommends that the SFMTA Board of Directors authorize the Director of Transportation to retroactively execute Contract Modification No. 2 to SFMTA Contract No. 1267, Subway CCTV Surveillance System Project, with Central Sierra Electric Company, Inc., to perform additional work and compensate the contractor for inefficiencies, increasing the contract amount by \$589,460, and extending the term of the contract by 643 calendar days.

SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
BOARD OF DIRECTORS

RESOLUTION No. _____

WHEREAS, San Francisco Municipal Transportation Agency (SFMTA) Contract No. 1267, Subway CCTV Surveillance System Project, is identified in the latest San Francisco Municipal Railway Short Range Transit Plan under the Infrastructure Program, which consists of capital projects to rehabilitate and maintain fixed guideways; and,

WHEREAS, The work to be performed under this project includes installation of closed circuit television (CCTV) Internet Protocol-based cameras, thermographic (infrared) cameras in the tunnels, video behavioral analytic software at the portals, video monitoring and storage equipment at the stations and portals, and interfacing the new systems with a central monitoring location via the existing communications network, with the capability for future connection to a dedicated fiber-based system for the network communications; in addition, the project includes electrical system upgrades, including the addition of an uninterruptible power supply system and branch circuit wiring for the added equipment racks and satellite rack locations; and,

WHEREAS, The CCTV project is subject to the California Environmental Quality Act (CEQA); the CEQA Guidelines provide an exemption from environmental review for restoration or rehabilitation of deteriorated or damaged structures, facilities, or mechanical equipment to meet current standards of public health and safety (Cal. Code Regs., tit. 14, § 15301(d)); and,

WHEREAS, On October 18, 2012, the SFMTA, under authority delegated by the Planning Department, determined via Planning Case Number 2012.1372E that this project is categorically exempt from environmental review under Section 15301(d) of the CEQA Guidelines; and,

WHEREAS, On November 7, 2012, the Director of Transportation notified the SFMTA Board of Directors that he had authorized a bid call for Contract No. 1267 in accordance with Board Resolution No. 09-191, which delegates, among other things, the authority to issue bid calls to the Director of Transportation; and,

WHEREAS, On July 10, 2013, the SFMTA issued a written notice to proceed for the work; and

WHEREAS, On August 29, 2014, the Director of Transportation approved Modification No. 1 to the Contract in the amount of \$416,458.58 and extended the contract by 80 calendar days to address design deficiencies and changes; and

WHEREAS, The project is funded by a Transportation Security Administration grant; and

WHEREAS, Contract Modification No. 2 is necessary to compensate the contractor and provide extra time for inefficiencies resulting from loss of access and extended time to obtain BART permits, as well as performing other miscellaneous additional work; this contract Modification will increase the contract amount by \$589,460, for a total contract amount of \$4,905,170.58, and retroactively extend the contract by 643 calendar days; now, therefore, be it

RESOLVED, That the SFMTA Board of Directors authorizes the Director of Transportation to retroactively execute Contract Modification No. 2 to San Francisco Municipal Transportation Agency Contract No. 1267, Subway CCTV Surveillance System Project, with Central Sierra Electric Company, Inc., to perform additional work and compensate the contractor for inefficiencies, increase the contract amount by \$589,460, and extend the term of the contract by 643 calendar days.

I certify that the foregoing resolution was adopted by the San Francisco Municipal Transportation Agency Board of Directors at its meeting of August 16, 2016.

Secretary to the Board of Directors
San Francisco Municipal Transportation Agency

ENCLOSURE 2

Contract No. 1267
Subway CCTV Surveillance System Project
Budget and Financial Plan

PROJECT CONSTRUCTION BUDGET

Category	Budget
Project Management	\$325,000
Engineering Services	\$280,000
Construction Management	\$3,139,031
Other Miscellaneous (e.g. direct costs)	\$13,324
Consultant Support	\$266,755
Contracts and Purchase Orders	\$7,051,180
Contingency	\$48,710
Total Cost	\$11,124,000

FINANCIAL PLAN

Project Funding Source	Amount
Federal Transit Security Grant Program	\$4,366,000
State Transit Security Grant Program	\$6,758,000
Total	\$11,124,000



CONTRACT MODIFICATION NO. 02

San Francisco Municipal Transportation Agency Contract No. 1267
Subway CCTV Surveillance System Project

Contractor: Central Sierra Electric Company, Inc.
P.O.Box 698
Jackson, CA 95642

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The Contract is modified as follows:

1.

Scope of Work:

CM-2A	<p>Compensate the Contractor for unforeseen additional work and services required for obtaining four separate BART Permits to work on each of the BART Mezzanine areas of Embarcadero, Montgomery, Civic Center, and Powell stations. The work included providing revised and updated SFMTA Contract Plans, providing full station specific general and detail design Drawings and structural calculations, incorporating BART baseline drawings and design criteria, as well as the additional coordination/facilitation with BART Construction, Engineering and Operations groups, and other incidental work as required by BART for final approval.</p> <p>Provide a time extension of 395 Non-Compensable Days for the time required in getting the BART Permits issued, which was needed prior to start of any construction work in the Mezzanine areas.</p>
CM-2B	<p>Compensate the Contractor for additional costs incurred as a result of difference in contractor allowable work time to the contracted work window provisions as detailed in section SP-4 of the Contract Special Conditions. The areas of work where work hours are impacted include Subway Station and Portals as well as any work within 10 feet of the edge of the station platform or catenary system. The change of allowable work window is necessary to minimize impact to revenue services and to support other projects occurring at the same construction schedule in the same tunnel sections where revenue services are impacted. The modified work windows result in an increased Contract amount of \$420,100.</p>

	<p>Contract Provision stated Station Mezzanine Areas work windows of 10:00AM to 2:00PM and 8:00PM to 4:00AM during weekdays and all day during the weekend. The actual work window was modified to 10:00PM to 6:30AM during weekdays, with no weekend windows.</p> <p>Contract Provision stated Station Platform Area work windows of 10:00PM to 4:00AM during weekdays and 10:00PM to 4:00AM during weekends were changed to 1:30AM to 3:30AM during weekdays, with no weekend windows, resulting in four hours of lost time during weekdays.</p>
CM-2C	<p>Provide a time extension of 248 Non-Compensable Days for the following work:</p> <p style="padding-left: 40px;">Added Sunset Fiber & J Hook Installed: 40 Non-CD Fix Sunset Cabinet Damaged by others: 18 Non-CD PCO-13 Bart Wireway Changes at Powell: 162 Non-CD PCO-14 Castro Camera Relocation: 10 Non-CD PCO-15 Five Cameras Relocated Due to Signage: 3 Non-CD Trouble Shoot Owner Furnished Equipment: 15 Non-CD</p> <p>Time Extension: 248 Days</p>

2. The following Pay Items added to the Contract:

CM-2A	Additional Cost & Services For BART Permit	Lump Sum	\$169,360.00
CM-2B	Additional Cost For Not Providing Full Contract Work Windows	Lump Sum	\$420,100.00
Total Amount of this Contract Modification:		Increase	\$589,460.00

Previous Total of Contract: \$4,315,710.58
 New Revised Total of Contract: \$4,905,170.58

Total Contract Time added by this Contract Modification:	643 Days
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Previous Contract Substantial Completion Date: 8/14/14
 Current Contract Substantial Completion Date: 5/17/16

3. This Modification is made in accordance with Sections 88 and 94 of the Contract General Provisions.

4. Except as provided herein all previous terms and conditions of the Contract remain unchanged.
5. Contractor acknowledges and agrees that the compensation stated herein for the Additional Work described above shall be full accord and satisfaction of all current and prospective costs incurred in connection with Contractor's performance of the Additional Work under this Contract Modification, without limitation, including any and all markups and overhead. Contractor releases the City from all claims, for which full accord and satisfaction is hereby made, as set forth above. If this modification involves the granting of an extension of time, with or without cost, Contractor releases the City from all claims and costs associated with such extension of time. Such costs may include, but are not limited to, costs for labor, materials, equipment, disruption, lost productivity, escalation, delay, extended overhead, administration and extended performance time.

In Witness Whereof, the parties have executed this Modification in quadruplicate in San Francisco, California as of this _____ day of _____, 2016.

Central Sierra Electric Company, Inc.

**CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY**

By: _____

By: _____

James W. Wright R.M.E Project Manager

Edward D. Reiskin Director of
Transportation

Authorized By:
MUNICIPAL TRANSPORTATION AGENCY BOARD OF
DIRECTORS

Resolution No. _____

Adopted: _____

Attest:

By: _____

Secretary
SFMTA Board of Directors

Date

APPROVED AS TO FORM:
Dennis J. Herrera, City Attorney

By: _____

Robin M. Reitzes
Deputy City Attorney