

**THIS PRINT COVERS CALENDAR ITEM NO. : 10.3**

**SAN FRANCISCO  
MUNICIPAL TRANSPORTATION AGENCY**

**DIVISION:** Capital Programs & Construction

**BRIEF DESCRIPTION:**

Awarding San Francisco Municipal Transportation Agency (SFMTA) Contract No. 1268, Bluelight Emergency Telephone Replacement Project, to Shimmick Construction Co., Inc. located at 8201 Edgewater Drive, Suite 202, Oakland, CA 94621, as the lowest responsive and responsible bidder, in the amount of \$9,175,000 and for a term of 585 calendar days.

**SUMMARY:**

- On August 1, 2013, the Director of Transportation notified the SFMTA Board of Directors that he had authorized a bid call for Contract No. 1268, Bluelight Emergency Telephone Replacement Project.
- The scope of work under this project includes replacing and installing the subway's bluelight emergency telephone system.
- SFMTA received and publicly opened five bids on October 9, 2013.
- The second low bidder, Rodan, submitted a protest, but SFMTA determined that it lacked merit.
- Staff recommends awarding Contract No. 1268 to Shimmick Construction Co., Inc. as the lowest responsive and responsible bidder, in the amount of \$9,175,000.
- Federal and local sources are providing funds for the work under this contract.

**ENCLOSURES:**

1. SFMTAB Resolution
2. Project Budget & Financial Plan

**APPROVALS:**

**DATE**

DIRECTOR \_\_\_\_\_ 11/12/13

SECRETARY \_\_\_\_\_ 11/12/13

**ASSIGNED SFMTAB CALENDAR DATE:** November 19, 2013

## **PAGE 2.**

### **PURPOSE**

The purpose of this calendar item is to award SFMTA Contract No. 1268, Bluelight Emergency Telephone Replacement Project, to Shimmick Construction Co., Inc., in an amount not to exceed \$9,175,000 and for term of 585 calendar days.

### **GOAL**

Contract No. 1268 would 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.

Goal 2: Make transit, walking, bicycling, taxi, ridesharing & carsharing the preferred means of travel.

Objective 2.2 Improve transit performance.

Goal 3: Improve the environment and quality of life in San Francisco

Objective 3.1 Reduce the Agency's and the transportation system's resource consumption, emissions, waste and noise.

Objective 3.2 Increase the transportation system's positive impact to the economy.

Objective 3.3 Allocate capital resources effectively.

Objective 3.4 Deliver services efficiently.

Goal 4: Create a collaborative environment to support delivery of outstanding service

Objective 4.1 Improve internal communications.

### **DESCRIPTION**

#### Background

The Bluelight Emergency Telephone Replacement (BETR) project is a component of the larger Central Control and Communications (C3) Program, which includes the construction of SFMTA's new Transportation Management Center. The C3 Program will expand and modernize SFMTA's transportation central control facilities and systems to facilitate meeting SFMTA's strategic objectives of improving transit reliability, accommodating current operational needs as well as future needs of the Central Subway. The BETR project will provide a telecommunication platform for the existing SFMTA central control functions to be seamlessly migrated from their existing locations to the new TMC and enable the future Central Subway communication systems to plug-in as one unified and integrated telecommunication system platform.

The existing subway emergency telephone system, which has been in service since 1970, is now well past its useful life. The procurement of replacement parts for the existing system is very challenging, as parts are no longer manufactured for the obsolete system and requires custom part fabrication in many cases. The existing system also lacks the capability to support many new telecom features, which are available in current technology products and are essential to providing dependable emergency telecommunication in the subway to better serve SFMTA patrons.

This project will improve system safety, reliability, maintainability and expandability of the subway emergency telephone system by replacing/installing the following components:

1. Subway emergency telephone stations, communication wiring infrastructure, and emergency telephone switchers.
2. Emergency power supplies for all emergency telephone stations.
3. Bluelight stations above all telephone stations.
4. Operator telephones at the Central Control sites.

The time allotted to substantially complete construction of the project is 495 calendar days from the Notice to Proceed. The Contractor must complete all remaining work within 90 calendar days from Substantial Completion.

Bids Received

On October 9, 2012, the Director of Transportation notified the SFMTA Board of Directors that he had authorized a bid call for Contract No. 1260R in accordance with Board Resolution No. 09-191, which delegates, among other things, the authority to issue bid calls to the Director of Transportation.

On November 9, 2013, SFMTA's Capital Programs and Construction Division received and publicly opened five bids, which were as follows:

Bidders		Bid Amount
1	Shimmick Construction Co., Inc.	\$9,175,000
2	Rodan Builders, Inc.	\$9,715,000
3	Central Sierra Electric, Inc.	\$10,149,542
4	Balfour Beatty Rail, Inc.	\$15,597,500
5	NTK Construction, Inc.	\$20,190,000

On October 11, 2013, SFMTA received a protest from Rodan Builders, Inc. against contract bid submitted by Shimmick Construction Co., Inc. SFMTA investigated the allegations and found the protest to be without merit.

The engineer's estimate for the work was \$12,154,700. The bid submitted by the apparent low bidder is 24.5% below the engineer's estimate. Shimmick Construction is familiar with the working environment and procedures in the metro subway having performed overhead catenary reconstruction in the metro subway just a few years ago. In addition, Shimmick Construction's two subcontractors, Reliance Engineering, Inc. and Technical Systems, Inc., are currently working on another SFMTA metro subway construction contract, 1260R Integrated Systems

**PAGE 4.**

Replacement Project. Both subcontractors have obtained the knowledge and experience working with the communications and electrical systems in the metro subway. Staff has concluded that Shimmick Construction may have anticipated higher work efficiency as compared to the engineer’s estimate. After reviewing all bids, staff has determined that Shimmick Construction Co., Inc. is the lowest responsive and responsible bidder.

Bidders are required by the California Subletting and Subcontracting Fair Practices Act (Public Contract Code section 4104) to list all subcontractors that will perform more than one-half of one percent of the value of the contract work. Shimmick Construction Co., Inc. listed the following subcontractors:

<b>Subcontractor</b>	<b>Status</b>	<b>Value</b>
Reliance Engineering, Inc.	SBE	\$1,620,000
Technical Systems Inc.		\$1,100,000

The Contract Compliance Office reviewed the bid proposals and confirmed that Shimmick Construction Co., Inc. will meet the Small Business Enterprise (SBE) participation goal of 20 percent established for this contract and will commit to meeting the Non-discrimination Equal Employment requirements of the contract. Shimmick Construction Co., Inc. is in compliance with Chapter 12B (Equal Benefits provision) of the San Francisco Administrative Code.

Contract documents are available for review at the Board Secretary’s Office located at One South Van Ness Ave. Seventh Floor, San Francisco, CA 94103.

**ALTERNATIVES CONSIDERED**

The project team held discussions with Maintenance staff concerning whether the work should be done by in-house staff. The preference was to have a contractor perform the work because contractors have enough crews with electrical and construction expertise to complete the work in a timely manner with minimal impact to Operations. Staff determined that contracting the work out was the practical alternative.

**FUNDING IMPACT**

This contract is funded by federal grants, SFMTA Revenue Bonds, State Security grants and local bridge tolls. All funding for this project (\$21 million) has been programmed or allocated.

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

**OTHER APPROVALS RECEIVED OR STILL REQUIRED**

The City Attorney has reviewed this report.

No other approvals from any other agency are required for the award of this contract.

**PAGE 5.**

**RECOMMENDATION**

Staff recommends that the SFMTA Board of Directors award SFMTA Contract No. 1268, Bluelight Emergency Telephone Replacement Project, to Shimmick Construction Co., Inc. for a contract amount of \$9,175,000 and a term of 585 calendar days.

SAN FRANCISCO  
MUNICIPAL TRANSPORTATION AGENCY  
BOARD OF DIRECTORS

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

WHEREAS, San Francisco Municipal Transportation Agency (SFMTA) Contract No. 1268, Bluelight Emergency Telephone Replacement 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 make infrastructure repairs and improvements within the Central Control and Communication Program; and,

WHEREAS, The work to be performed under this project includes replacing and installing the subway's bluelight emergency telephone system; and,

WHEREAS, On October 9, 2013, the SFMTA received and publicly opened five bid proposals in response to its invitation for bids; the SFMTA determined that Shimmick Construction Co., Inc., located at 8201 Edgewater Drive, Suite 202, Oakland, CA 94621, is the lowest responsive and responsible bidder, with a bid of \$9,175,000; and,

WHEREAS, On October 11, 2013, SFMTA received a protest from the second low bidder and determined that it was without merit; and,

WHEREAS, The SFMTA Contract Compliance Office reviewed the bid proposals and confirmed that Shimmick Construction Co., Inc. will meet the Small Business Enterprise participation goal of 20 percent established for this contract and will commit to meeting the Non-discrimination Equal Employment requirements of the contract; and

WHEREAS, The project is funded by Federal grants (48 percent) and by state and local funding sources (52 percent); now, therefore, be it

RESOLVED, That SFMTA Board of Directors awards SFMTA Contract No. 1268, Bluelight Emergency Telephone Replacement Project, to Shimmick Construction Co., Inc. as the lowest responsive and responsible bidder, to replace and install the subway Bluelight Emergency Telephone System; in an amount not to exceed \$9,175,000 and for a term of 585 calendar days.

I certify that the foregoing resolution was adopted by the San Francisco Municipal Transportation Agency Board of Directors at its meeting of November 19, 2013.

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Secretary to the Board of Directors  
San Francisco Municipal Transportation Agency

**ENCLOSURE 2**

**Contract No. 1268**

**Bluelight Emergency Telephone Replacement Project  
Project Budget and Financial Plan**

**PROJECT BUDGET**

<b>Category</b>	<b>Budget</b>
Conceptual Engineering Phase Staff Support (SFMTA, Consultant, and Other Dept. Services). Conceptual design was completed as a part of another project, Integrated Systems Replacement Project.	\$0
Detail Design Phase Staff Support (SFMTA, Consultant, and Other Dept. Services)	\$1,394,068
Construction Phase Construction Contract, Procurement, Contingency, and Staff Support (SFMTA, BART, Consultant, and Other Dept. Services)	\$19,350,018
<b>Total Cost</b>	<b>\$20,744,086</b>

**FINANCIAL PLAN**

<b>Project Funding Source</b>	<b>Amount</b>
Federal Grant	\$9,972,043
Local Grants	
California Transit Security Grant Program	\$750,000
AB664 Bridge Toll Funds	\$522,043
SFMTA Revenue Bond	\$9,500,000
<b>Total</b>	<b>\$20,744,086</b>