

THIS PRINT COVERS CALENDAR ITEM NO.:10.5

**SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY**

DIVISION: Capital Programs and Construction

BRIEF DESCRIPTION:

Awarding SFMTA Contract No. 1307, Divide Feeder Circuit Carl 11, to GECMS, Inc., dba Giron Construction, as the responsible bidder that submitted the lowest responsive bid to construct new traction power electrical circuit and new switch equipment along Church St. between Market Street and Duboce Avenue, in the amount of \$1,466,760, and for a term of 270 days to Substantial Completion.



SUMMARY:

- On May 10, 2018, the Director of Transportation notified the SFMTA Board of Directors that he had authorized a bid call for Contract No. 1307, Divide Feeder Circuit Carl 11 (Project).
- Under this Project, the Contractor will construct a new traction power electrical circuit and install new switch equipment along Church St. between Market Street and Duboce Avenue.
- On June 21, 2018, the SFMTA received and publicly opened three bids for Contract No. 1307. GECMS, Inc., dba Giron Construction, was the responsible bidder that submitted the lowest responsive bid in the amount of \$1,466,760.
- The Planning Department has determined that the proposed Divide Feeder Circuit Carl 11 Project is categorically exempt from the California Environmental Quality Act (CEQA).
- The proposed action is the Approval Action as defined by S. F. Administrative Code Chapter 31.

ENCLOSURES:

1. SFMTAB Resolution
2. Project Budget and Finance Plan

APPROVALS:

	DATE
DIRECTOR 	<u>7/10/2018</u>
SECRETARY 	<u>7/10/2018</u>

ASSIGNED SFMTAB CALENDAR DATE: July 17, 2018

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PURPOSE

The purpose of this calendar item is to award SFMTA Contract No. 1307, Divide Feeder Circuit Carl 11, with GECMS, Inc., dba Giron Construction, as the responsible bidder that submitted the lowest responsive bid to construct new traction power electrical circuit and new switch equipment along Church St. between Market Street and Duboce Avenue, in the amount of \$1,466,760, and for a term of 270 days to Substantial Completion.

STRATEGIC PLAN GOALS AND TRANSIT FIRST POLICY PRINCIPLES

The Work to be performed under Contract No. 1307 supports the following goals and objectives in the SFMTA's Strategic Plan and Transit First Policy Principles:

Strategic Plan Goals/ Objectives

- Goal 1: Create a safer transportation experience for everyone.
 - Objective 1.2 Improve the safety of the transportation system.
- Goal 2: Make transit and other sustainable modes of transportation the most attractive and preferred means of travel.
 - Objective 2.1 Improve transit performance.

Transit First Policy Principles

1. To ensure quality of life and economic health in San Francisco, the primary object of the transportation system must be the safe and efficient movement of people and goods.
2. Public transit, including taxi and vanpools is an economically and environmentally sound alternative to transportation by individual automobiles. Within San Francisco, travel by public transit, by bicycle and on foot must be an attractive alternative to travel by private automobile.

DESCRIPTION

The purpose of this Project is to construct a new traction power electrical circuit and install new switch equipment along Church St. between Market St. and Duboce Ave, also known as the Duboce Portal. The new traction power electrical circuit will improve service reliability of the Muni Metro J-Church and N-Judah Lines by minimizing single points of failure. A single point of failure occurs when an electrical substation provides the only source of electrical traction power. Without a different secondary power source, the traction power system is susceptible to single points of failure.

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While not a frequent occurrence, when a single point of failure occurs, it causes major delays. The Duboce Portal becomes a bottleneck for the N-Judah and J-Church lines should the power go out. With recent increases in service, the SFMTA has higher electrical demand, which may cause the substation to experience more electrical issues.

The new circuit will create the necessary redundancy in the system by enabling multiple different electrical substations to power the Duboce Portal, therefore reducing the risk of a single point failure. Under this Contract, the Contractor will construct new underground conduits, and install electrical wires and new switch equipment at the Church electrical substation. The Contractor will integrate the electrical circuit and switch equipment into the SFMTA Power Controls System.

The SFMTA believes that this Project will enhance safety, improve service reliability, and reduce unscheduled shutdowns of the Muni Metro J-Church and N-Judah Lines due to electrical power issues.

Bids Received:

On May 10, 2018, the Director of Transportation notified the SFMTA Board of Directors that he had authorized a bid call for Contract No. 1307 in accordance with SFMTA Board of Directors Resolution No. 09-191, which delegated, among other things, the authority to issue bid calls to the Director of Transportation.

On June 21, 2018, the SFMTA received and publicly opened three bids as follows:

Bid	Contractor	Total Bid Price
1	Azul Works, Inc.	\$1,688,775
2	Marinship Development Interest, LLC	\$1,932,540
3	GECMS, Inc., dba Giron Construction (Giron)	\$1,466,760

The original engineer's estimate for the work was \$1.2 Million. The bid submitted by Giron is 22% above the engineer's estimate. The Project team has concluded that, although there is variation in some of the individual bid items, the SFMTA has obtained a fair and reasonable price for the work.

The Contract requires the construction work to reach Substantial Completion within 270 days from the Notice to Proceed.

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. Giron listed the following subcontractor:

Subcontractor	Status	Value
McKee & Company Electric		\$768,090

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This project is partially funded by federal grants. The SFMTA Contract Compliance Office (CCO) designated this Contract to be a 100% set aside for participation by certified Small Business Enterprises (SBE). The CCO reviewed the bid proposal and determined that Giron meets the 100% SBE set-aside requirements for this Contract, as it is a certified Disadvantaged Business Enterprise (as well as a Local Business Enterprise). The CCO also confirmed that Giron has committed to meeting the Non-discrimination Equal Employment requirements of the Contract and is in compliance with the City's Equal Benefits Ordinance.

STAKEHOLDER ENGAGEMENT

The SFMTA staff reviewed transit impacts with Transit Service and Maintenance-of-Way. Transit Operation expressed concern about the high volume of morning commuting traffic at this location. In order to minimize the impacts to transit operation and the public, the Project team sequenced the construction work during low traffic volume periods and non-revenue service hours.

SFMTA staff conducted public outreach to the Duboce Triangle Neighborhood Association (DTNA) and residents in January 2018. Informational flyers were also sent to community organizations and business associations. The SFMTA public outreach team posted public notices at the Church and Duboce intersection. Residents expressed concern that the location of a new switch unit within the sidewalk area will reduce pedestrian visibility when crossing the intersection. After discussing the design with community members, the Project revised the location for one of the new switch cabinets. The design change preserved existing visibility and eliminated the need for an additional surface-mounted facility in the public right-of-way. Several merchants expressed concern about pedestrian access to their businesses during sidewalk excavation work. The Project communicated to these merchants that there will be an adequate path of travel to their businesses. In addition, the SFMTA will use service ambassadors to direct pedestrian travel around the construction site. The public outreach team will use multiple media channels for an extensive public outreach, which will include distribution of the informational flyer to residents and community stakeholders, posting customer alerts and signage during construction.

ALTERNATIVES CONSIDERED

The alternative not to construct the new traction power electrical circuit would result in service delays and unscheduled shutdowns of the Muni Metro J-Church and N-Judah Lines. The initial design plan considered installing two new switch units within the public right-of-way. However, after reviewing comments and concerns from the community, the Project changed the design by installing one of the new switch cabinets inside the Church substation.

FUNDING IMPACT

The total Project budget is \$4,000,000. The Preliminary Engineering and Detail Design phases were funded with AB664 Regional Bridge Tolls and Federal Transit Administration (FTA) formula funds. Construction phase funding has been secured and will be funded with AB664 Regional Bridge Tolls

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(\$716,000) and FTA formula funds (\$2,864,000).

ENVIRONMENTAL REVIEW

The proposed Divide Feeder Circuit Carl 11 Project is subject to the California Environmental Quality Act (CEQA). CEQA provides a categorical exemption from environmental review for existing facilities as defined in Title 14 of the California Code of Regulations Section 15301.

On April 26, 2018, the Planning Department determined (Case Number 2018-004420ENV) that the proposed Divide Feeder Circuit Carl 11 Project is categorically exempt from CEQA as defined in Title 14 of the California Code of Regulations Section 15301 (replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity).

The proposed action is the Approval Action as defined by S. F. Administrative Code Chapter 31.

A copy of the CEQA determination is on file with the Secretary to the SFMTA Board of Directors, and may be found in the records of the Planning Department at 1650 Mission Street in San Francisco, and is incorporated herein by reference.

OTHER APPROVALS RECEIVED OR STILL REQUIRED

The City Attorney's Office has reviewed the calendar item. No other approvals are required for this Contract.

RECOMMENDATION

Staff recommends that the SFMTA Board of award SFMTA Contract No. 1307, Divide Feeder Circuit Carl 11, with GECMS, Inc., dba Giron Construction, as the responsible bidder that submitted the lowest responsive bid to construct new traction power electrical circuit and new switch equipment along Church St. between Market Street and Duboce Avenue, in the amount of \$1,466,760 and for a term of 270 days to Substantial Completion.

SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
BOARD OF DIRECTORS

RESOLUTION No. _____

WHEREAS, San Francisco Municipal Transportation Agency (SFMTA) Contract No. 1307, Divide Feeder Circuit Carl 11, is for the construction and installation of new traction power electrical circuit and switch equipment; and,

WHEREAS, On March 21, 2018, the Contract Compliance Office (CCO) designated this contract as 100% set-aside for participation by Certified Small Business Enterprises (SBE); and,

WHEREAS, On May 10, 2018, the Director of Transportation notified the SFMTA Board of Directors that he had authorized a bid call for Contract No. 1307, Divide Feeder Circuit Carl 11; and,

WHEREAS, On June 21, 2018, the SFMTA received and publicly opened three bids for Contract No.1307; and,

WHEREAS, The SFMTA determined that GECMS, Inc., dba Giron Construction, was the responsible bidder that submitted the lowest responsive bid in the amount of \$1,466,760; and,

WHEREAS, The CCO reviewed the bid proposal and determined that GECMS, Inc., dba Giron Construction, meets the SBE requirements for this Contract; and,

WHEREAS, The proposed Divide Feeder Circuit Carl 11 Project is subject to the California Environmental Quality Act (CEQA); CEQA provides a categorical exemption from environmental review for replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity as defined in Title 14 of the California Code of Regulations Section 15301; and,

WHEREAS, On April 26, 2018, the Planning Department determined (Case Number 2018-004420ENV) that the Divide Feeder Circuit Carl 11 Project is categorically exempt from CEQA as defined in Title 14 of the California Code of Regulations Section 15301; and,

WHEREAS, The proposed action is the Approval Action as defined by S. F. Administrative Code Chapter 31; now, therefore be it

RESOLVED, That the SFMTA Board of Directors awards SFMTA Contract No. 1307, Divide Feeder Circuit Carl 11, with GECMS, Inc., dba Giron Construction, as the responsible bidder that submitted the lowest responsive bid to construct new traction power electrical circuit and install switch equipment along Church St. between Market Street and Duboce Avenue, in the amount of \$1,466,760, and for a term of 270 days to Substantial Completion.

I certify that the foregoing resolution was adopted by the San Francisco Municipal Transportation Agency Board of Directors at its meeting of July 17, 2018.

Secretary to the Board of Directors
San Francisco Municipal Transportation Agency

ENCLOSURE 2

Divide Feeder Circuit Carl 11

San Francisco Municipal Transportation Agency, Contract No. 1307,

Project Budget and Financial Plan

Cost	Amount
Preliminary Engineering Phase Staff Support (SFMTA and Other City Services)	\$100,000
Detail Design Phase Staff Support (SFMTA and Other City Services)	\$320,000
Construction Phase Construction Contract, Contingency, and Staff Support	\$3,580,000
Total Cost	\$4,000,000

Funding	Amount
AB664 Regional Bridge Tolls	\$800,000
Federal Transit Administration (FTA) Formula Funds	\$3,200,000
Total Fund	\$4,000,000