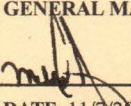
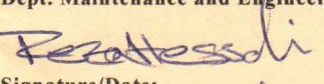
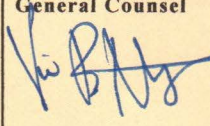
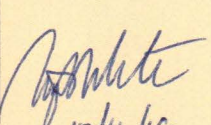
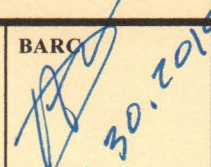




## EXECUTIVE DECISION DOCUMENT

<b>GENERAL MANAGER APPROVAL:</b>  DATE: 11/7/2019		<b>GENERAL MANAGER ACTION REQ'D:</b> Approve and Forward to the Board			
<b>Originator/Prepared by:</b> Reza Hessabi <b>Dept:</b> Maintenance and Engineering  <b>Signature/Date:</b> 12/13/2019		<b>General Counsel</b>  12/16/19 [ ]	<b>Controller/Treasurer</b>  12/16/19 [ ]	<b>District Secretary</b> [ ]	<b>BARC</b>  12.30.2019 [ ]

### Award Contract No. 15EI-181 - Willow Pass Road High Voltage Substation (CWS) Transformer Replacement Project

#### PURPOSE:

To obtain Board authorization for the General Manager to award Contract No. 15EI-181 for the Willow Pass Road High Voltage Substation (CWS) Transformer Replacement Project to Blocka Construction, Inc., of Fremont, California for the bid amount of \$6,164,500.00.

#### DISCUSSION:

Contract No. 15EI-181 is a Measure RR Public Works Construction Contract for the replacement of the critical existing high voltage transformer at the Willow Pass Road High Voltage Substation (CWS) located between the North Concord and Pittsburg/Bay Point stations. The contract work includes the demolition and disposal of the existing transformer, construction of an upgraded mounting pad and containment facility, installation of the replacement Transformer, and the provision of a 27MW spare transformer.

This substation feeds the Evora Road Switching Station which provides power to 5 traction power substations and is an alternative power source to 10 traction power substations.

The existing high voltage transformer, which was installed about 45 years ago, transforms 115KV to 34.5KV to feed the BART traction power system. It has reached the end of its useful life and requires replacement. It has a high risk of failure, which could cause major service disruptions and impose a significant impact to revenue service.

This Contract will provide a new 27-Megawatt natural oil filled Power Transformer and upgrade the existing Control and protection system to ensure reliable power for the Traction



## Power Substations.

Advanced Notice to Bidders was emailed, published and posted to the BART Procurement Portal to one hundred eighty-one (181) prospective bidders with an A Contractor License Classification on August 29, 2019. Bids were opened on October 15, 2019, and the following two (2) bids were received

<b>BIDDER</b>		<b>TOTAL BID</b>
Blocka Construction, Inc.	Fremont, CA	\$6,164,500.00
Becker Electric, Inc.	San Francisco, CA	\$8,452,867.00
Engineer's Estimate		\$5,830,000.00

Both Bids were evaluated and Staff determined that the apparent low Total Bid price submitted by Blocka Construction, Inc., of Fremont, CA, is fair and reasonable, based on the Engineer's Estimate. A review of Blocka Construction, Inc.'s business experience and financial capabilities has resulted in a determination that they are a responsible Bidder, and that their Bid is responsive to the requirements of the Contract Book.

Pursuant to the District's Non-Discrimination Program for Subcontracting, the Availability Percentages for this Contract are 6.0% for Minority Business Enterprises ("MBEs") and 3.9% for Women Business Enterprises ("WBEs"). The Office of Civil Rights has determined that the apparent low Bidder Blocka Construction, Inc. has exceeded both the MBE and WBE Availability Percentages for this Contract at 10.6% for MBEs and 5.4% for WBEs.

Pursuant to the District's Non-Federal Small Business Program, the Office of Civil Rights set a 6% Local Small Business (LSB) Subcontractor Participation Goal for this Contract. Bidders who meet the LSB Subcontractor Participation Goal are eligible for an LSB Preference of 7% of the lowest responsive Bidder's Bid, up to a cap of \$150,000. The Office of Civil Rights determined that the Bidder Blocka Construction, Inc. committed to subcontracting 1.7% to LSBs. The apparent low Bidder Blocka Construction, Inc. did not meet the LSB Subcontractor Participation Goal and, therefore, is not eligible for the Bid Preference, but is still the apparent low Bidder.

## CAPITAL FISCAL IMPACT:

Funding in the amount of \$6,164,500 for award of Contract No. 15EI-181 is included in the total project budget for FMS # 15EIRR1 - CWS Bulk Supply Transformer Replacement. The Office of Controller/Treasurer certifies that funds are currently available to meet this obligation. The following table depicts funding assigned to the referenced project and is



included in totality to track funding history against spending authority. Funds needed to meet this request will be expended from a combination of these sources as listed.

As of November 12, 2019, \$9,502,570 is available for this project from the following source:

Fund No.	Fund Description	Source	Amount
802A-B	Measure RR GOB	BART	9,502,570
<b>Total</b>			<b>9,502,570</b>

BART has expended \$1,133,503, committed \$70,557 and reserved \$0 to date for other action. This action will commit \$6,164,500 leaving an available fund balance of \$2,134,010 in this project.

There is no fiscal impact on available unprogrammed District Reserves.

**ALTERNATIVES:**

Reject all bids and re-advertise the Contract. This will not likely result in increased competition or lower prices and would delay the critical replacement, which could negatively impact revenue service due to transformer failure.

**RECOMMENDATION:**

On the basis of analysis and evaluation by Staff and certification by the Controller-Treasurer that funds are available for this purpose, it is recommended that the Board adopt the following Motion

**MOTION:**

The General Manager is authorized to Award Contract No. 15EI-181 - Willow Pass Road High Voltage Substation (CWS) Transformer Replacement Project to Blocka Construction, Inc. of Fremont, California for the Bid Price of \$6,164,500.00, Pursuant to notification to be issued by the General Manager, and compliance with the District's Protest Procedures.