



AGENDA ITEM NO: 4.E.1  
MEETING DATE: 05/18/2020  
ADMINISTRATIVE REPORT NO.: 2020-55  
ACTION: BY RESOLUTION

To: Honorable Public Utilities Board

Submitted by: \_\_\_\_\_ /S/  
Andre Basler  
AGM-Engineering and Operations

From: Diosdado V. Hernandez, P.E.  
Engineering Manager

Approved by: \_\_\_\_\_ /S/  
Nicolas Procos

Tito R. Nagrampa Jr., P.E.  
General Manager  
Senior Electrical Engineer

Subject: By Resolution, Authorize the General Manager to Purchase Solid Dielectric Pad-Mounted Switches for a One Time Purchase to Innovative Switchgear Solutions in an Amount not to Exceed \$450,000 per Material Specifications MS-03-20-01

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### RECOMMENDATION

*By Resolution*, authorize the General Manager to purchase solid dielectric pad-mounted switches for a one time purchase to Innovative Switchgear Solutions in an amount not to exceed \$450,000 per Material Specifications MS-03-20-01.

### BACKGROUND

Engineering staff prepared Material Specifications No. MS 03-20-01 for new solid dielectric pad-mounted switches in order to support new business as well as replenish the minimum inventories. In accordance with the specifications, vendors and manufacturers were asked to provide bids for various types of 15 kilo-Volt (kV) pad-mounted switches.

The Invitation for Bid was posted on March 5, 2020, on Alameda Municipal Power's (AMP) website, which provides a direct link to AMP's e-procurement system (PlanetBids). The PlanetBids e-procurement system notified 121 vendors registered with AMP based on selective criteria. Additionally, staff sent out email notifications to 30 pad-mounted switch distributors/manufacturers provided by AMP engineering. Notice-to-Bidders was also published in the Alameda Sun on March 5, 2020.

On April 8, 2020, a total of two bids were received and the results were made public in AMP's e-procurement system. The summary of bid result and unit quantities recommended for purchase is presented in Exhibit A.

## DISCUSSION

Staff carefully evaluated the quotations submitted by Pacific Utilities (manufacturer's representative for G&W Electric), and Innovative Switchgear Solutions (ISG), based on conformance to the technical specification, current industry standards, cost, delivery, and supplier/manufacturer qualifications. All bidders submitted proposals for each type of required switch configuration.

ISG submitted the lowest bid and has met all the requirements of the specification and submitted all the documents required by the bid opening date. AMP has previously purchased ISG switches for installation in the 12kV distribution system. The new pad-mounted switches were delivered, tested, and accepted by AMP.

Staff recommends award of the contract to Innovative Switchgear Solutions based on price and conformance to the specification, in an amount not to exceed \$450,000 including sales tax and transportation.

## FINANCIAL IMPACT

Alameda Municipal Power has proposed sufficient funds in its fiscal year (FY) 2021 budget for the purchase of solid dielectric pad-mounted switches. The proposed funds for the FY 2021 budget will still have enough remaining funds after issuance of the purchase order to ISG. Per AMP Rules and Regulations, developers will reimburse AMP for sixty percent of the pad-mounted switch cost.

## LINK TO STRATEGIC PLAN AND METRICS

None.

## EXHIBIT

- A. Resolution
- B. Bid Summary



**BID SUMMARY**  
(Bid Opening Date: April 8, 2020 3:00 p.m.)

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EXHIBIT B

**SOLID DIELECTRIC PAD-MOUNTED SWITCH - MATERIALS SPECIFICATION NO. MS-03-20-01**

BID ITEM NO.	AMP ITEM CODE	DESCRIPTION	QTY	UNIT OF MEAS	VENDOR	
					INNOVATIVE SWITCHGEAR SOLUTIONS (See Note 1)	PACIFIC UTILITIES (G&W)
1	02390	Solid Dielectric Pad-Mounted Vacuum Switch and VFI Tap(s) Switchgear, 15kV Class, 600A Deadfront, 2-Way, Non-motorized	2	EA	\$140,830.00	\$280,000.00
2	02373C	Solid Dielectric Pad-Mounted Vacuum Switch and VFI Tap(s) Switchgear, 15 kV Class, 600A Deadfront, 2-Way, Fully Motorized	3	EA	\$178,690.00	\$206,000.00
3	02366	Solid Dielectric Pad-Mounted Vacuum Switch and VFI Tap(s) Switchgear, 15 kV Class, 600A Deadfront, 1-Way, Fully Motorized	1	EA	\$89,845.00	\$147,000.00
SUB-TOTAL					<b>\$409,365.00</b>	<b>\$633,000.00</b>
Sales Tax @ 9.75%					<b>\$39,913.09</b>	<b>\$61,717.50</b>
<b>TOTAL</b>					<b>\$449,278.09</b>	<b>\$694,717.50</b>

Notes:

1. Recommended for awarding of contract.