



**ALAMEDA
MUNICIPAL POWER**

A Department of the City of Alameda

**AGENDA ITEM NO.: 4.H.1
MEETING DATE: 05/16/2022
ADMINISTRATIVE REPORT NO.: 2022-70
ACTION: BY MOTION**

To: Honorable Public Utilities Board

Submitted by: *ISI*

Robert Orbeta
AGM - Administration

From: Ikue Suto-McNiff
Procurement Analyst

Approved by: *ISI*

Nicolas Procos
General Manager

Subject: By Motion, Authorize the General Manager to Issue a One-Time Purchase Order to One Source in an Amount Not to Exceed \$24,100 to Purchase 120 Fault Current Indicators

RECOMMENDATION

By *motion*, authorize the General Manager to issue a one-time purchase order to One Source in an amount not to exceed \$24,100 to purchase 120 fault current indicators.

BACKGROUND

Fault Current Indicators (FCI) have been in use in Alameda Municipal Power’s (AMP) 12kV distribution systems for more than 30 years to quickly identify the location of the faulted equipment and cables. FCI reduce outage times, reduce operating costs, and improve customer relations by providing the AMP trouble crew fault location information immediately and easily. FCI have a visible light or mechanical indicator which allows the patrolling trouble crew to isolate the faulted equipment and cables, thus restoring service to customers with minimum outage time. Typically, FCI last for 15-18 years, and then should be replaced due to end of battery life.

DISCUSSION

The proposed 120 FCI is recommended for purchase to replenish stock for emergencies, install additional FCI and to meet new development project needs such as the 1501 Harbor Bay Parkway service upgrade, 1001 Marina Village Parkway EV Charge Station, 2020 Challenger Drive EV Charge Station, and Alameda Marina Phase II.

AMP last purchased 70 of FCI in November 2020 in fiscal year (FY) 2021, and the indicator ordered under this purchase order has been delivered. With cumulative amounts in FY 2021 and FY 2022, AMP purchase will exceed the \$25,000 threshold of the Board approval.

The following table shows the list of FCI and the quantity recommended for purchase.

AMP Item Code	Description	Vendor	Recommended for Purchase	Use
04537	FAULT, CURRENT INDICATOR UNDERGROUND	One Source	120	Inventory, 1501 Harbor Bay Pkwy, 1001 Marina Village Pkwy, 2020 Challenger EV Station, and Alameda Marina II

A Request for Quotes was sent to manufacturer's approved distributors, namely, One Source, Anixter, and Graybar but only One Source and Anixter were able to provide us with their quotes. The summary of bid results is presented in Exhibit A.

FINANCIAL IMPACT

AMP has sufficient funds in the FY 2022 budget for the purchase of FCI.

EXHIBIT

- A. 03795 Cable Bid Summary

FAULT CURRENT INDICATOR BID SUMMARY

MAY 2022 PURCHASE

AMP Code	Description	Quantity	One Source (See Note 1)		Anixter		Graybar	
			Unit Price Including Delivery	Subtotal Including 10.75% Tax and Delivery	Unit Price Including Delivery	Subtotal Including 10.75% Tax and Delivery	Unit Price Including Delivery	Subtotal Including 10.75% Tax and Delivery
04537	FAULT, CURRENT INDICATOR UNDERGROUND	120	\$ 181.25	\$24,088.13	\$205.73	\$27,341.52	No Quote	
		Lead time	In Stock		10 weeks		No Quote	
Note:	1. Recommended for awarding of contract.							