

To: Honorable Public Utilities Board

Submitted by: \_\_\_\_\_/s/\_\_\_\_\_

Robert Orbeta  
AGM - Administration

From: Gary Spenik , P.E.  
Interim Engineering Manager

Approved by: \_\_\_\_\_/s/\_\_\_\_\_

Nicolas Procos  
General Manager

Subject: By Motion, Authorize the General Manager to Issue Purchase Orders to Howard Industries, Inc. and Trayer Engineering Cooperation in an Amount Not to Exceed \$229,000 to Purchase Pad-Mounted Distribution Switches and Transformers Under Materials Contracts MS 11-12-03 and MS 08-15-01

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### RECOMMENDATION

*By motion*, authorize the general manager to issue Purchase Orders to Howard Industries, Inc. and Trayer Engineering Cooperation in an amount not to exceed \$229,000 to purchase pad-mounted distribution switches and transformers under Materials Contracts MS 11-12-03 and MS 08-15-01.

### BACKGROUND

By Resolution No. 5010, issued April 16, 2013 and Resolution No. 5083 issued November 17, 2015, the Public Utilities Board (PUB) authorized Alameda Municipal Power (AMP) to enter into materials contracts with Howard Industries, Inc. (Howard) and Trayer Engineering Cooperation (Trayer) to supply various types and sizes of pad-mounted distribution transformers and switches in accordance with Materials Contracts MS 11-12-03 and MS 08-15-01. These contracts were executed with one-time purchases with an option to purchase additional materials for five years.

Staff last purchased various transformers from Howard in calendar year 2016 and various switches from Trayer in calendar year 2015. All transformers and switches ordered under the previous purchases have been delivered.

### DISCUSSION

The following tables show lists of transformers and switches by type and size with the last column showing the quantity recommended for purchase based upon upcoming projects such as Del Monte Senior Housing, City Ventures, Alameda Point Building 8, and Alameda Point Building 9:

**Transformers**

Type	Vendor	Size (KVA)	AMP Stock No.	Required Qty	Stock on Hand	Recommended for Purchase
Pad-Mount	Howard	2500	9067	2	0	2
Pad-Mount	Howard	500	9049	6	5	1
Pad-Mount	Howard	75	9031	4	3	1
<b>Total:</b>						<b>4</b>

**Switches**

Type	Vendor	Feeder Ties	AMP Stock No.	Required Qty	Stock on Hand	Recommended for Purchase
Pad-Mount	Trayer	2-Way	2390	4	3	1
Pad-Mount	Trayer	4-Way	2411A	2	1	1
<b>Total:</b>						<b>2</b>

**FINANCIAL IMPACT**

AMP has proposed sufficient funds in its Fiscal Year 2018 budget for the purchase of distribution transformers and switches. The distribution transformer purchase will be supplied by Howard Industries, Inc. for a total not to exceed amount of \$118,000. The distribution switch purchase will be supplied by Trayer Engineering Cooperation for a total not to exceed amount of \$111,000. The distribution transformer and switch purchase has a total not to exceed amount of \$229,000 including sales tax and freight.

**LINKS TO STRATEGIC PLAN AND METRICS**

KRA 3: System Resiliency

**EXHIBIT**

None