



AMP Item Code	Description	Dielectric Fluid	Quantity	Reason
09023	PAD MT (LT) 50 KVA 1PH 240/120 VOLT	Mineral	1	Replenishment of inventory
09031	PAD MT (L) 75 KVA 3PH 208Y/120 VOLT	Mineral	1	Replenishment of inventory
09032	PAD MT (L) 150 KVA 3PH 208Y/120 VOLT	Mineral	1	Replenishment of inventory
09044	PAD MT (L) 300 KVA 3PH 480Y/277 VOLT	Mineral	1	Maintenance to replace L-219 on the field
09045	PAD MT (L) 500 KVA 3PH 480Y/277 VOLT	Mineral	1	New Services
09046	PAD MT (L) 750 KVA 3PH 480Y/277 VOLT	Mineral	2	Alameda Marina Bldg. 19 and North Loop Upgrade
09047	PAD MT (L) 1000 KVA 3PH 480Y/277 VOLT	Mineral	2	EV Charging Station

Using the sole source award from October 2022 and approved Specification No. MS 05-18-01 from Resolution No. 5147, staff requested new quotations from Howard to supply the pad mount transformers recommended for purchase. Howard revises their pricing quarterly based on price adjustment indices AMP approved. Howard has quoted unit pricing that conformed to the price adjustment index for future purchases outlined in the final awards and provided necessary supporting calculations and documentation.

Staff recommends the issuance of a purchase order to Howard in an amount of \$225,500 with a contingency of \$22,600, for a total not to exceed amount of \$248,100 per material specification No. MS 05-18-01.

**FINANCIAL IMPACT**

The purchases of distribution transformers are included in the FY 2023 budget and will be included in the proposed FY 2024 budget under Capital Improvement Projects for Stock Replacement for New Load.

**LINK TO STRATEGIC PLAN AND METRICS**

Business Resiliency, Strategy 1: AMP will develop an asset management plan to guide efficient capital and maintenance expenditures which improve system operations and resiliency.

**EXHIBITS**

- A. Resolution
- B. Howard Transformer Purchase
- C. Transformer Purchase History for Fiscal Year 2022 and 2023



HOWARD TRANSFORMER PURCHASE

February 2023 Purchase

AMP Item Code	Description	Quantity	Subtotal Including Tax and Delivery
09023	XFMR PAD MT (LT) 50 KVA 1PH 240/120 VOLT	1	\$6,084.68
09031	XFMR PAD MT (L) 75 KVA 3PH 208Y/120 VOLT	1	\$11,788.96
09032	XFMR PAD MT (L) 150 KVA 3PH 208Y/120 VOLT	1	\$14,193.13
09044	XFMR PAD MT (L) 300 KVA 3PH 480Y/277 VOLT	1	\$20,362.90
09045	XFMR PAD MT (L) 500 KVA 3PH 480Y/277 VOLT	1	\$25,509.93
09046	XFMR PAD MT (L) 750 KVA 3PH 480Y/277 VOLT	2	\$63,753.13
09047	XFMR PAD MT (L) 1000 KVA 3PH 4	2	\$83,787.35
		9	\$225,480.08
		10% Contingency	\$ 22,548.01
		Not To Exceed	\$248,028.09

**TRANSFORMER PURCHASE HISTORY FY 2022 and FY 2023**

February 2023 Purchase

Fiscal Year (FY)	Purchase Date	Purchase Award	Purchase Amount
22	September 2021	Howard	\$ 8,100.00
		Hitachi	\$ 72,700.00
	December 2021	Howard	\$ 29,500.00
		Hitachi	\$ 36,300.00
	February 2022	Howard	\$ 96,400.00
April 2022	Howard	\$ 569,600.00	
23	October 2022	Howard	\$ 921,700.00
	February 2023 (current request w/contingency)	Howard	\$248,100.00
Subtotal by Vendor		Howard	\$ 1,873,400.00
		Hitachi	\$ 109,000.00
		Grand Total	\$ 1,982,400.00