



Legislation Details (With Text)

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**Type:** Change Order & Work Order      **Status:** Agenda Ready

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**On agenda:** 8/16/2022      **Final action:**

**Title:** Approve the award of Change Order #1 to Cooperative Procurement 22-208, Substation Battery Replacements, to Wesco for an amount not to exceed \$60,949 and a total award of \$243,796

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. EU022

Date	Ver.	Action By	Action	Result
8/16/2022	1	City Council	approved	Pass

**CITY COUNCIL AGENDA ITEM**

**ACTION REQUESTED:**

Approve the award of Change Order #1 to Cooperative Procurement 22-208, Substation Battery Replacements, to Wesco for an amount not to exceed \$60,949 and a total award of \$243,796

**DEPARTMENT:** Electric Utility

**SUBMITTED BY:** Brian Groth, Director

**BOARD/COMMISSION REVIEW:**

N/A

**BACKGROUND:**

The City Council awarded Cooperative Procurement 22-208, Substation Battery Replacements on July 19, 2022 for the planned 2022 replacement of batteries at the Washington, Royce and Fort Hill substations. These substation batteries have reached their end of useful life and are critical to the reliable delivery of power throughout the City as well as allow substation equipment to operate in the event of a fault or other system anomaly.

**DISCUSSION:**

Utility engineers, performing monthly inspections of substation batteries discovered the battery system at Chicago Substation is leaking which could result in a battery failure as and ultimately failure of equipment required to operate during a fault or other anomaly. To maintain normal operations, it is recommended that the Chicago Avenue Substation battery be replaced in 2022 instead of its planned 2023 replacement.

Utility engineers performed a battery sizing calculation per IEEE 485, in order to properly spec out an appropriate replacement battery. The C&D 3DJ-09HP battery proposed for Chicago Substation meets

the calculation requirements as well as all other Utility specifications.

**FISCAL IMPACT:**

CIP# EU022

Substation replacement equipment is expensed to the account number listed below as a part of EU022 - Substation Emergency Repair/Replacement Items. A total of \$1,315,000 has been included in the 2022 budget for this CIP. The requested change order can be accommodated within the 2022 budget.

<b>Account Number</b>	<b>Fund Description</b>	<b>Total Budget Amount</b>
40251300-551502	Electric Utility	\$10,444,067