



TO: Mayor Chuck Barney
Members of the City Council

FROM: Paul Ulrickson, IT Manager Networks/Communication

DATE: December 15, 2017

SUBJECT: AWARD OF BID- UPS/BATTERY BACKUP FOR DATA CENTER/911 EQUIPMENT

I. RECOMMENDED ACTION

1. Recommend award to Main Electric in the amount of \$18,695 for an Eaton 9355-30 UPS.

II. DEPARTMENT CONTACT PERSONS

Jason McKibben, IT 857-4722
Paul Ulrickson, IT 857-4172

III. DESCRIPTION

A. Background

City Hall currently has two battery backups that provide temporary power to all equipment in the Dispatch Telephone room and all equipment in the IT Communications room. The IT Communication room UPS was purchased in 2005 and has reached end-of-life as the vendor will no longer be able to offer standard hardware support for the device in 2018. Based on fiscal and operational analysis, IT and Property Maintenance recommend replacing the IT UPS from 2005 and the Dispatch UPS from 2008 with a single, higher capacity unit that will support power demands from both rooms.

B. Proposed Project

Purchase a single unit that will replace the two smaller units at City Hall. One unit has reached its useful life and the other will likely reach its useful life within three years.

Bids were opened on December 13, 2017 and they are as follows:

<u>Bidder</u>	<u>Make/Model</u>	<u>Price</u>
Main Electric	Eaton 9355-30	\$18,695
Graybar	Eaton 9355-30	\$20,209.41
Northwestern Electric	Eaton 9355-30	\$26,824

IV. IMPACT:

A. Fiscal Impact:

Project Funding
429-7300-419.07-93 \$18,695

This was a planned and budgeted project for 2018. \$20,000 was budgeted as a Capital Purchase.

V. ALTERNATIVES:

Alt 1. The Council could recommend IT explore leaving the UPS unit count at two and replacing the oldest unit only. IT would then seek additional funds when the second unit is no longer supported. A single unit approach would lessen the immediate financial impact of this project but initial research suggested replacing one unit at a time would be roughly 80% more expensive in totality by the time the second unit was replaced. Long-term maintenance costs would also be more expensive with this option.

Alt 2. The City Council could choose to not to fund this replacement. The IT Communication room would operate behind a battery backup that cannot be supported from a hardware standpoint.

VI. TIME CONSTRAINTS:

Council's approval of the recommendation will allow the UPS unit to be replaced before the vendor ceases standard hardware support in April 2018.

VII. LIST OF ATTACHMENTS - None