

RESOLUTION NO. R-22-14

A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AN AGREEMENT WITH EATON CORPORATION FOR THE PURCHASE OF AN UNINTERRUPTIBLE POWER SUPPLY (UPS) BATTERY BACKUP SYSTEM FOR THE EMERGENCY SERVICES DISPATCH CENTER IN THE AMOUNT OF \$38,531.29.

WHEREAS, the present uninterruptible power supply (UPS) battery backup system used to power emergency dispatch equipment during a power outage is in need of replacement; and

WHEREAS, three (3) written proposals for replacement of the UPS system were solicited by qualified vendors; and

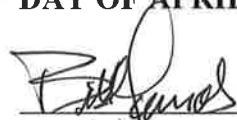
WHEREAS, staff has reviewed the bids and recommended that the proposal submitted by Eaton Corporation be accepted; and

WHEREAS, the City Council finds that it is in the best interest of the City to contract with Eaton Corporation for the purchase of a UPS battery backup system for the emergency services dispatch center.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF GLADSTONE, MISSOURI, AS FOLLOWS:

THAT, the City Manager of the City of Gladstone, Missouri, is hereby authorized to execute an agreement with Eaton Corporation for the purchase of a UPS battery backup system for the emergency services dispatch center at a cost not to exceed \$38,531.29.

INTRODUCED, READ, PASSED AND ADOPTED BY THE COUNCIL OF THE CITY OF GLADSTONE, MISSOURI THIS 25th DAY OF APRIL 2022.



Bill Garnos, Mayor

ATTEST:



Kris Keller, City Clerk



Request for Council Action

RES # R-22-14

BILL # City Clerk Only

ORD # City Clerk Only

Date: 04/19/2022

Department: General Administration

Meeting Date Requested: 4/25/2022

Public Hearing: Yes Date: [Click here to enter a date.](#)

Subject: A Resolution authorizing the City Manager to execute an agreement with Eaton Corporation for the purchase of an uninterruptible power supply (UPS) battery backup system for the emergency services dispatch center in the amount of \$38,531.29.

Background: The radio consoles, voice recorder, 911 lines, and computer-aided dispatch computers are connected to a battery backup system that maintains uninterrupted power to the equipment during periods of power failure. Even with an emergency generator, there is a lag time between the outage and emergency power restoration where the equipment would normally power down if a system was not in place to maintain a consistent power supply. Presently, the uninterrupted power supply (UPS) being used in the dispatch center is aged and not functioning reliably. The proposed UPS system will be capable of meeting our present and future, co-located dispatch needs.

Budget Discussion: Funds are budgeted in the amount of \$38,531.29 from the 2021 Radio Lease Purchase. Ongoing costs are estimated to be \$ 0 annually. Previous years' funding was \$0

Public/Board/Staff Input: Staff recommends approval of the Resolution

Provide Original Contracts, Leases, Agreements, etc. to: City Clerk and Vendor

Bob Baer
Department Director/Administrator

JM
City Attorney

SW
City Manager



Gladstone Police Department Support Services Division - Memorandum

DATE: 3/23/2022

TO: Assistant City Manager Bob Baer *BB*

FROM: Administrative Services Manager Rob Sanderson

CC: Captain Karl Burris; Police Chief Fred Farris

RE: Uninterrupted Power Supply (UPS) Unit for Dispatch

The current Uninterrupted Power Supply (UPS) Unit in our dispatch center is no longer functioning. The system is important, as it maintains power to our critical radio and server equipment in case of an outage. The system was 21 years old and no longer manufactured. The cost to potentially repair, versus replace, is considerable. Therefore, I recommend replacing the system. Especially with the co-location on the horizon.

In researching this project, I received three independent quotes to replace the UPS. Each of these solutions will support the full twelve console center. The quotes are as follows:

Eaton: \$38,531.29

BusComm: \$48,104.40

Nationwide Power: \$40,087.00

The run times range from 8-12 minutes for the Nationwide Power system, 9 minutes from BusComm and 30 minutes for Eaton. The important thing to note are these times are at full load (30KW). After speaking with IT Manager John Beadles, our current dispatch center runs all three consoles and the backroom equipment at just under 5KW. He estimates all 12 consoles and the backroom equipment would pull about 10KW at maximum. So in theory, just one of these cabinets would run the consolidated dispatch center at 3x the quoted rate (1.5 hours for Eaton and 24-36 minutes for Nationwide and BusComm).

Eaton would be my choice. They are responsive and local. This price includes 3 years of service vs the 1 year with Nationwide Power. The price is lower and the runtime is longer. Eaton was recommended by the Lenexa Police Radio Shop Manager, Brady Sharp.

The other cost we would need to consider would be an electrician to install the unit. Please let me know if you have any questions.

Respectfully,

A handwritten signature in black ink, appearing to read 'Rob Sanderson', with a long horizontal flourish extending to the right.

Rob Sanderson