



MEMORANDUM

Date: June 8, 2023

To: Honorable Mayor and Commissioners

Via: Albert P. Childress 
City Manager

From: David Monroe
Information Technology Director

Subject: **Datacenter Core Switch Replacement**

Introduction

Refresh existing Cisco chassis switch in City Hall Data Center with newer Cisco equipment.

Background

The current Cisco 4510 chassis switch has reached its End-Of-Life and support. The switch will not be supported after October 2023 and a suitable replacement needs to be purchased. This equipment is the backbone of the city-wide network and is part of the critical infrastructure connecting to the computing, storage, and security functions of the Data Center.

The planned replacement equipment will provide:

- Improved network security
- Advance network packet visibility
- Larger bandwidth density
- Simplified management
- Advanced security features
- Reduced heat load
- 24x7x365 support same day replacement.
- Greater fiber capacity for future data center expansion.

Procurement

ARPA infrastructure funds in the amount of \$118,451.64 will be used for this purchase if approved. The purchasing mechanism for the equipment will be Florida NASPO ValuePoint NVP #AR3227 (43220000-NASPO-19-ACS) and is in the best interest of the City pursuant to section 2-797(4)(b) of the Code of Ordinances.

Recommendation

The City Manager's Office recommends the Mayor and Commission approve the resolution authorizing the City Manager to execute documents and authorize the purchase of the Cisco Data Center equipment.