



# City Council Report

**Date:** April 4, 2022  
**To:** City Council  
**Through:** Michael Kennington, Deputy City Manager/Chief Financial Officer  
**From:** Edward Quedens, Business Services Director  
Kristy Garcia, Procurement Administrator  
**Subject:** Purchase of Network Core Equipment and Services for the Department of Innovation and Technology (Replacement/Lifecycle Upgrade) (Funded by DoIT Lifecycle Program) **(Citywide)**

## Purpose and Recommendation

Council is requested to approve the award as recommended.

The Department of Innovation and Technology and Purchasing recommend authorizing the purchase using the State of Arizona cooperative contract and lowest quoted vendors: Enterprise Network Solutions, Inc. and Trace3, Inc. at \$680,000, based on estimated requirements.

## Background / Discussion

The City Network Core is comprised of data center network core switches at Communications, Mesa Regional Dispatch Center, and Evoque colocation facility. These facilities house the main City data center computer and storage resources. This equipment connects each data center to each other and is a central connection point for all City network campuses. The new hardware and software will replace existing end of life equipment.

The Department of Innovation and Technology is replacing the data center's network core switches due to the age of this equipment, its lack of expandability to support additional connections, and increased throughput and security requirements from the City, its citizens, and other government and business partners.

The lifecycle upgrade of this network hardware will allow the City to take advantage of increased speeds and capacity for future growth, along with improved reliability and security features.

## Purchase Information

Action: Award  
Procurement Type: Cooperative Contract Use  
Contract Number: 2022182  
Contracting Agency/Contract Number – Term: State of Arizona / ADSP016-137344 and 137342

Local Consideration: Policy did not apply to this procurement method

Protests Received: None

Funding Source: Department of Innovation and Technology Lifecycle Program

### AWARD RECOMMENDATION

Hardware, Software and Support from Enterprise Network Solutions Quote 0224 Arista Hardware v1.4 JB (2/24/2022); Professional Services from Enterprise Network Solutions Quote 0207 Arista Professional Services v1.2 JB (2/7/2022); and Optics from Trace 3 Quote No. 037952.v1 (3/1/2022)

Hardware	\$308,418.00
Software and Support	\$162,103.00
Consulting Services	\$106,050.00
Optics	\$36,230.00
Tariff Fee	\$15,389.00
8.3% Mesa Sales Tax	<u>\$49,140.00</u>
<b>Solution Total</b>	<b><u>\$677,330.00</u></b>