



City Council Report

Date: July 1, 2021
To: City Council
Through: Michael Kennington, Deputy City Manager/Chief Financial Officer
From: Edward Quedens, Business Services Director
Matt Bauer, Procurement Administrator
Subject: Purchase of Hardware for High-Speed Network Traffic Capture (Replacement) for the Department of Innovation and Technology **(Sole Source) (Funded by the Department of Innovation and Technology Lifecycle Program Budget) (Citywide)**

Purpose and Recommendation

Council is requested to approve the award as recommended.

Department of Innovation and Technology and Purchasing recommend awarding the purchase to the sole source vendor, FirstLight Fiber, Inc. at \$43,602.24, based on estimated requirements.

Background / Discussion

The Department of Innovation and Technology (DoIT) performs continuous network traffic capture and uses that data to assist in forensic analysis of cyber security incidents and troubleshooting of network and application performance issues. DoIT network and security staff has been performing this operational function using an obsolete hardware appliance that has been out of hardware support since January of 2021. The newly proposed appliance will increase network traffic historical time available for analysis from the previous 12 hours to over 80 hours and will significantly decrease the time needed to perform research of future network performance and/or security incidents.

DoIT considered and thoroughly researched Viavi, Extrahop, and nTop products. nTop was the best from both financial and technical perspectives expressed in the lowest 5-year cost TCO, and high network traffic storage/maximum capture rate, respectively. There is over a 50% cost savings with the nTop solution while providing more than double the usable storage capacity. DoIT believes the City will be in an overall better position acquiring open source nTop solution especially in the cloud monitoring environment.

FirstLight Fiber, Inc. is the sole source reseller of nTop in North America.

Purchase Information

Action: Award
Procurement Type: Sole Source
Contract Number: 2021244

Local Consideration: Policy did not apply to this procurement method

Protests Received: None

Funding Source: Department of Innovation and Technology Lifecycle Program Budget

| AWARD RECOMMENDATION | |
|---|---------------------------|
| Hardware, Software, Support, and Services per Contract No. 2021244 and Quote 2467867 (5/6/2021) | |
| Base | \$41,290.00 |
| 5.6% Use Tax (Fairport, NY) | <u>\$2,312.24</u> |
| Total | <u>\$43,602.24</u> |