



Legislation Text

File #: 24-0433, Version: 1

TO: Mayor Richard C. Irvin

FROM: Ian Wade, Capital Projects Manager (Engineering)
Timothy Kopacz, Senior IT Project Manager

DATE: June 24, 2024

SUBJECT:

A Resolution authorizing the Director of Purchasing to accept proposals from Alarm Detection Systems (ADS), National Technologies, Inc. (NTI and Scientel Solutions, Inc. totaling \$952,690.45 for IT and Security Infrastructure at the new Public Works Combined Maintenance Facility.

PURPOSE:

To accept proposals from the above referenced companies to provide critical IT and security infrastructure for the new facility.

BACKGROUND:

The Public Works Department is consolidating personnel and equipment from a handful of maintenance divisions (Electrical, Streets, Fleet, Water & Sewer, and Water Meter Maintenance) into a new, combined maintenance facility on a 25.4-acre city-owned parcel near Liberty and New York Streets. Construction of the main building is ongoing and is anticipated to be completed by the end of 2024 or shortly thereafter.

In order to ensure that all IT and security related infrastructure which is required at the site and in the new building is consistent and compatible with existing systems utilized throughout the City, the project's design and management team enlisted the City's IT Department to aid in the design and contracting of these services. Utilizing existing agreements and proprietary vendors, the City is looking to accept the following proposals:

Task	Company	Budget Total
Wi-Fi and Network Deployments	Scientel Solutions	\$ 142,467.19
Video Security / Situational Awareness Systems	Scientel Solutions	\$ 128,220.32
Genetec Access Control and VMS Solution	Scientel Solutions	\$ 376,147.97
Fiber Optic Cabling	NTI	\$ 113,101.00
Building Alarm, Fire Alarm Monitoring, and Elevator Phone Monitoring (+\$745.00 monthly fee)	ADS	\$ 68,490.00
	15% contingency	\$ 124,263.97
TOTAL COST		\$ 952,690.45

Please note that the Aurora Police Department was also involved in determining the security camera and alarm locations at the site and building.

DISCUSSION:

The 2024 City Budget provides funds for this project (CIP C114) in the following accounts:

Account Name	Account Number	Amount
Capital Outlay - GO Bonds	355-4411-417.72-01	\$752,690.45
Capital Outlay - Water & Sewer	510-4063-511.72-01	\$200,000.00

R21-136 approved on June 8, 2021, established Scientel Solutions as the managed service provider for city-wide network equipment for 3 years plus 2 option years. For WiFi and Network deployments at the Public Works Combined Facility, Scientel design and installation fees amount to \$49,607.44. WiFi and Network equipment costs total \$92,859.75. It is estimated that this increase in network devices will result in \$32,000 in new quarterly fees to the contract approved in R21-136.

R21-135 approved on June 8, 2021, established Scientel Solutions as the managed service provider for city-side CCTV devices for 3 years plus 2 option years. For CCTV deployments at the Public Works Combined Facility, Scientel design and installation fees amount to \$59,678.00 and CCTV equipment costs total \$68,542.32. It is estimated that this increase in CCTV devices will result in \$5,500 in new quarterly fees to the contract approved in R21-135

For this project, Scientel Solutions was also selected to install door access control devices ("card readers") and the corresponding Genetec Video Management Server (VMS) to provide management and control video camera and card readers. The City has standardized city-wide on the Genetec VMS solution since 2018 and all CCTV devices and new card readers are connected to Genetec servers in buildings city-wide. Scientel Solutions currently manages configuration of these existing servers as part of the contract approved in R21-135. City staff recommends Scientel Solutions for the configuration on VMS devices and connecting card readers to the Genetec network at the facility.

Since 2018, NTI has performed successfully as the City's prime and strategic partner, carrying out a full audit of the fiber optic network for asset management, preventive maintenance, remediation, and emergency repair. R24-076 approved on March 26, 2024 awarded NTI as the City primary fiber vendor for 2024. City staff recommends NTI for fiber work at the facility.

Alarm Detection Systems (ADS) is the standardized vendor used for alarm monitoring throughout all City Buildings. Monthly alarm monitoring charges will be expensed using 101-4411-417.38-41.

Uninterruptible power supply (UPS) costs for IT equipment are not included in this resolution as IT Staff are evaluating UPS solutions as the city-wide contract expires 12/31/2024. UPS costs - including those for the Public Works Combined Maintenance Facility -- will be brought in a later resolution.

IMPACT STATEMENT:

This scope of IT and security infrastructure will support the new facility, which will improve the working conditions and performance of the various City maintenance divisions to be relocated there.

It will also streamline city vehicle fueling (including police), salting, and mulch operations, all of which will improve resident safety and convenience. Further, a central fleet and equipment housing facility such as this will result in saved time (and thereby cost) inherent to traveling back and forth between multiple facilities throughout the City.

RECOMMENDATIONS:

That the proposed resolution be adopted.

cc: Infrastructure & Technology Committee



CITY OF AURORA, ILLINOIS

RESOLUTION NO. _____
DATE OF PASSAGE _____

A Resolution authorizing the Director of Purchasing to accept proposals from Alarm Detection Systems (ADS), National Technologies, Inc. (NTI), and Scientel Solutions, Inc. totaling \$952,690.45 for IT and Security Infrastructure at the new Public Works Combined Maintenance Facility. WHEREAS, the City of Aurora has a population of more than 25,000 persons and is, therefore, a home rule unit under subsection (a) of Section 6 of Article VII of the Illinois Constitution of 1970; and

WHEREAS, subject to said Section, a home rule unit may exercise any power and perform any function pertaining to its government and affairs for the protection of the public health, safety, morals, and welfare; and

WHEREAS, the City is constructing a new Public Works Combined Maintenance Facility which requires IT and security infrastructure that is consistent and compatible with existing systems utilized city-wide; and

WHEREAS, utilizing existing agreements, R21-135, R21-136 and R24-076 and standardized vendors, the City is looking to accept the following proposals:

Task	Company	Budget Total
Wi-Fi and Network Deployments	Scientel Solutions	\$ 142,467.19
Video Security / Situational Awareness Systems	Scientel Solutions	\$ 128,220.32
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	15% contingency	\$ 124,263.97

TOTAL COST		\$ 952,690.45
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And;

WHEREAS, the 2024 City Budget provides funds for this project project (CIP C114) in the following accounts:

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Capital Outlay - GO Bonds	355-4411-417.72-01	\$752,690.45
Capital Outlay - Water & Sewer	510-4063-511.72-01	\$200,000.00

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Aurora, Illinois, as follows: the Director of Purchasing is authorized to accept proposals from Alarm Detection Systems (ADS), National Technologies, Inc. (NTI), and Scientel Solutions, Inc. totaling \$952,690.45 for IT and Security Infrastructure at the new Public Works Combined Maintenance Facility.