



City of Rochester Hills
AGENDA SUMMARY
FINANCIAL ITEMS

1000 Rochester Hills Dr.
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Legislative File No: 2020-0256

TO: Mayor and City Council Members

FROM: Sean Canto, Chief Emergency Services
Vince Foisy, Communications Systems Administrator

DATE: July 27, 2020

SUBJECT: Fire Station Alerting System

REQUEST:

City Council is requested to authorize a blanket purchase order/contract for the equipment, software and maintenance for a fire station alerting system to be installed at Fire Stations 1-5 in the amount of \$175,700.00 for a three year term to Bryx, Inc., Rochester, New York and further authorizes the Mayor to execute an agreement on behalf of the City.

REASON FOR PURCHASE:

Request for Proposals were solicited utilizing the MITN system and mailing to various vendors. Two proposal responses were received and reviewed. Bryx, Inc., was deemed to be the most responsive, responsible proposer, providing a solution that would best meet the Fire Department's needs. The City entered into negotiations with Bryx, Inc., to make some changes to the system clarification and also offer clarifications in order to get the lowest pricing available to the City for this contract. The City was able to reduce the initial cost proposal by approximately \$44,000.00 through clarifications and changes to equipment and installation requests to receive a system that best fits the departments use. The request for the three year contract of \$175,700.00 includes the initial year 1 cost which is for startup, equipment, installation and maintenance in the amount of \$149,322.34, with year 2 and year 3 maintenance costs in the amount of \$13,188.44 for each year.

The proposed Fire Station Alerting System will be the primary alerting method for the firefighters of an incoming fire call. The proposed system will include an Artificial Intelligence "AI" voice dispatch that will allow standardized dispatch alerting, free up dispatcher time for additional needs, and provide a common voice 24x7. This new system will interface to the existing visual alert lights in the stations, connect to the stations PA systems with a New Heart Smart Alerting that slowly ramps up the volume to ease the out of sleep alerts, and will trigger the appliance shutdown for safety, while lighting the walkways to the apparatus.

The dispatcher will verify the run data, and that the correct units are assigned and send the call to Bryx. The primary path will be over the internet wired connections to each Bryx interface at the stations. As a backup there is a wireless modem also receiving the data, and should the wired path fail, the wireless data shall pass onto the Bryx in house alerting system. The dispatcher will be alerted that the data was received by Bryx, and as a failsafe the dispatcher would be able to alert by the backup system at their console.

The Bryx system will be connected also to the Fire Department primary radio channel so as all dispatched runs are also passed over the air to staff not in the stations to hear the in house alerts.

PROCESS:

Vendor Name and Address:

BRYX, Inc.
120 East Ave., Suite 300
Rochester, NY 14604

Reason for Selection:

Best Value

Method of Purchase:

Blanket Purchase Order/Contract

BUDGET:

Funding is included in the FY 2020 Adopted Budget and the FY 2021 and FY 2022 Projected Budgets.

If approved by City Council, a 3rd quarter budget amendment will be forthcoming.

Fund Name	Department Account No	Account No. Description	Budget Amount	Cost	Remaining Budget
Fire Capital	402.977000	Capitalized Equipment	\$0	\$149,322.34	(\$149,322.34)
Fire Fund	339.932000	Maintenance Equipment – FY 2021	\$13,200	\$13,188.44	\$11.56
Fire Fund	339.932000	Maintenance Equipment – FY 2022	\$13,200	\$13,188.44	\$11.56
		Total	\$26,400	\$175,699.22	

RECOMMENDATION:

It is recommended that City Council authorize a blanket purchase order/contract for the equipment, software and maintenance for a fire station alerting system to be installed at Fire Stations 1-5 in the amount of \$175,700.00 for a three year term to Bryx, Inc., Rochester, New York and further authorizes the Mayor to execute an agreement on behalf of the City.

APPROVALS:	SIGNATURE	DATE
Department Review		
Department Director		
Budget Content: Chief Financial Officer		
Purchasing Process: Supervisor of Procurement		
Mayor		
Deputy Clerk		

Contract Reviewed by City Attorney Yes N/A