



500 West Big Beaver
Troy, MI 48084
troymt.gov

CITY COUNCIL AGENDA ITEM



Date: October 24 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Rob Maleszyk, Chief Financial Officer
Dee Ann Irby, Controller
Frank Nastasi, Chief of Police
Andy Satterfield, Captain – Support Services Division
Michael Giorgi, Lieutenant – Support Services Division
Sam Kalef, Communications Manager – Support Services Division
Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 2: Award to Low Bidder Meeting Specifications - UPS Battery Replacement, Troy Police Department

History

On May 22, 2017 Troy City Council approved the purchase and installation of a UPS (Uninterruptible Power Supply) along with a Generator and Automatic Transfer Switches for the City of Troy Police and Fire Department (Resolution #2017-05-089-J-4d). The UPS and Generator work together to provide “Clean Power” to all communications systems within the 911 Center and are considered critical infrastructure for 24-7 Police & Fire Dispatch Operations. This installation was completed by August 31, 2017.

The installed UPS in the Police Department IDF3 serves as the initial power supply in case of a power outage. This is the first line of backup before the emergency power generator activates. The batteries are tested yearly but need to be replaced every 4 years. This will be the first replacement of batteries since the new UPS and Generator system was installed.

One of the ISO (Insurance Services Office) requirements under the Public Safety Communications section of the community grading schedule is that the dispatch center be equipped with an emergency electrical power source, and that it be tested weekly under load. A complete log of these tests is required to be maintained. In order to test the generator under load, it would be necessary to drop the power to the entire building momentarily during the switchover process, run the generator, and then momentarily drop the power a second time (typically an hour later) when the load is switched back to the normal utility power. These power interruptions, once a week, would cause major issues in the police department as every computer would reboot and have to be logged in again.

Also, in an effort to maintain or improve the Fire Department’s current ISO rating, this project will bring the Communications Center up to the requirements of NFPA 110 and NFPA 111 related to emergency power, as well as meet Michigan Law Enforcement Accreditation Standard 3.4.6 for maintaining emergency back-up power to dispatch/communications equipment. The UPS replacement takes about 5 to 6 hours and is expected to be completed by December 15, 2022 accounting for order and shipping lead time.



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Purchasing

On September 22, 2022, a bid opening was conducted as required by the City Charter/Code for the UPS battery replacement service. The bid was posted on the MITN Purchasing Group website; www.bidnetdirect.com/city-of-troy-mi. Five hundred and twenty-four (524) vendors were notified via the MITN website. Four (4) bids were received. The summary of vendor responses is detailed below.

Companies notified via MITN	524
Troy Companies notified via MITN	18
Troy Companies - Active email Notification	18
Troy Companies - Active Free	0
Companies that viewed the bid	19
Troy Companies that viewed the bid	0

***MITN** provides a resourceful online platform to streamline the procurement process, reduce costs, and make it easier and more transparent for vendors to do business with the City of Troy.*

***Active MITN** members with a current membership and paying annual dues receive automatic electronic notification which allows instant access to Bids, RFPS and Quote opportunities with the City.*

***Active MITN non-paying members** are responsible to monitor and check the MITN website for opportunities to do business with the City.*

***Inactive MITN member** status can occur when a company does not renew their account upon expiration. Inactive members cannot be notified of solicitations or access any bid information.*

After review of the bid proposals, it is recommended to award to the lowest overall bidder meeting specifications, *Power Techniques, Inc. of Berkley, MI* as specified:

Battery Replacement Service for Symmetra PX UPS 40 kVA (Service Includes: Used Battery Removal, Delivery and Installation of New APC Batteries, Disposal of Used Batteries)

48 New APC Battery Cartridge (SYBTU1-PLP) - Serial # QD1712240449

Power Techniques, Inc. is an Elite Service Sales Partner with Schneider Electric, the original equipment manufacturer for the UPS battery system. They will provide the batteries with the exact same serial #QD1712240449 as specified on the bid. Note: The difference between SYBT4 vs SYBTU1-PLP refers to 4 units vs 1 unit. Thus, even though the models are stated differently, it still meets the required specifications.

Financial

Funds are budgeted and available in the Police Department Buildings and Improvements Capital Fund under Project Number 2023C0014 for the 2023 fiscal year. Expenditures will be charged to account number 401.301.11.325.7975.900.

Recommendation

City management recommends awarding a contract for the purchase, installation and disposal of UPS Batteries for the Troy Police Department, to low bidder meeting specifications *Power Techniques, Inc of Berkley, MI* at unit prices contained in the bid tabulation, opened September 22, 2022 for an estimated total amount of \$19,970.88.

Opening Date: 09/22/2022
Date Reviewed: 09/22/2022

CITY OF TROY
BID TABULATION
UPS BATTERY REPLACEMENT

ITB-COT 22-31
Page 1 of 1

VENDOR NAME:	Power Techniques, Inc.	Batteries Plus Bulbs	United Power System	Wisecom Technologies Inc
CITY:	Berkley, MI	Farmington Hills, MI	Whitehall, PA	Lanham, MD

PROPOSAL: TO COMPLETE THE UPS BATTERY REPLACEMENT AT THE CITY OF TROY POLICE DEPARTMENT

UPS Battery Replacement - Symmetra PX UPS 40 kVA

Services includes delivery of new replacement APC batteries, used battery removal, installation of new APC batteries and proper disposal of old batteries.

ITEM	Estimated Quantity	Description	Price Per Unit	Total Price	Price Per Unit	Total Price	Price Per Unit	Total Price	Price Per Unit	Total Price
1.	48	APC Battery Cartridge (12 x SYBT4) Serial #QD1712240449	\$416.06	\$19,970.88	\$612.08	\$29,379.72	\$616.33	\$29,584.00	\$580.36	\$27,857.50
		Brand:	Schneider Electric APC		APC		APC		Not Specified	
		Model:	SYBTU1-PLP		APCSYBT4		SYBT4		SYBT4	
		Warranty:	Standard 1 Year Warranty		1 Year		1		Not Specified	
2.	48	Disposal of Used Batteries	Included in Price above		\$0.00	\$0.00	\$0.00	\$0.00	Not Specified	
GRAND TOTAL:			\$19,970.88		\$29,379.72		\$29,584.00		\$27,857.50	

Proposal Warranty Alternates:

1.	1	WARRANTY – Cost for 2 Years	See Statement in Proposal	N/A	\$0.00	Not Specified
2.	1	WARRANTY – Cost for 3 Years			\$1,000.00	

AUTHORIZED DEALER:	Y or N	Y	Y	N	Not Specified
COMPLETION DAYS:		45 to 75 days	2 days	2 days	5 days
CONTACT INFORMATION:	NAME:	Daniel McKernan/ Susie Siekierski	Sherie Mann	Andrew Powell	Not Specified
24 HR. CONTACT PHONE NO.:		877-287-7835	248-914-2589	610-443-0405	
HOURS OF OPERATION.:		24/7	8:00 AM - 8:00 PM	0-5 PM	
REFERENCES:	Y or N	Y	Y	Y	Y
INSURANCE:	Y or N	Y	Y	Y	Not Specified
PAYMENT TERMS:		Net 30 Days	Net 30	Net 30	Net 30
WARRANTY:		Standard 1 Year Factory Warranty	1 Year	Not Specified	3 Years
COMPLETION SCHEDULE:		Between 45 - 75 days upon issuance of PO	3 days from delivery of product	Not Specified	Not Specified
EXCEPTIONS:		None	None	None	None
ACKNOWLEDGMENT:	Y or N	Y	Y	Y	Y
FORMS:	Y or N	Y	Y	Y	N

Low Bidder Meeting Specifications

Attest:
(*Bid Opening conducted via Zoom)
Sam Kalef
Roland Gungab
Beth Zaccardelli

Emily Frontera
Purchasing Manager