



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: September 15, 2020

To: Mark F. Miller, City Manager



From: Robert J. Bruner, Assistant City Manager
Rob Maleszyk, Chief Financial Officer
Lisa Burnham, Controller
Kurt Bovensiepe, Public Works Director
Brian Varney, Fleet Operations Manager
Dennis Trantham, Facilities and Grounds Operations Manager
MaryBeth Murz, Purchasing Manager

Subject: Standard Purchasing Resolution 2: Award to Low Bidder Meeting Specifications -
Department of Public Works Gas Detection System

History

- The existing Carbon Monoxide System is original to the building circa 1975.
- The air quality in the Emergency Vehicle, Fleet Maintenance Garage, and the Streets Equipment Garage has been monitored for only Carbon Monoxide (CO).
- Carbon Monoxide is an odorless, colorless gas that is found in combustion fumes, such as those produced by cars and trucks and small gasoline engines. CO from these sources can build up in enclosed or semi-enclosed spaces and people in these spaces can be poisoned by breathing it. The most common symptoms of CO poisoning are headache, dizziness, weakness, nausea, vomiting, chest pain, and confusion. High levels of CO inhalation can cause loss of consciousness and death.
- Nitrogen Dioxide (NO₂) is an off gas of a reddish-brown color with a pungent, acrid odor and is one of a group of highly reactive gasses known as "oxides of nitrogen," or "nitrogen oxides (NO_x)." NO₂ forms quickly from car, truck and bus emissions. Health effects associated with nitrogen dioxide exposure (NO₂) include eye, nose, and throat irritation. It may cause impaired lung function and increased respiratory infections in young children. Extremely high-dose exposure to NO₂ may result in pulmonary edema and diffuse lung injury.
- Deficiencies were identified in the Facilities Condition Assessment and Analysis.
- The new system will be integrated with the fire alarm panel and will become a monitored alarm.
- The existing CO detection system has reached the end of its life and is no longer capable of being calibrated as components have become obsolete and is in need of replacement.

Purchasing

On September 10, 2020, a bid opening was conducted as required by City Charter and Code for the replacement and installation of a Gas Detection System at the Department of Public Works. The bid was posted on the Michigan Inter-governmental Trade Network (MITN) website; www.mitn.info. Two (2) bid responses were received. Below is a detailed summary of potential vendors:



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Purchasing (continued)

| | | |
|--|-----|---|
| Companies notified via MITN | 130 | 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. |
| Troy Companies notified via MITN | 4 | |
| Troy Companies - Active email Notification | 4 | |
| Troy Companies - Active Free | 0 | |
| Companies that viewed the bid | 12 | |
| Troy Companies that viewed the bid | 0 | |

- *Ino-Tek, Inc. of Ray, MI*, is the low bidder and meets all bid specifications and is being recommended for the replacement and installation of a Gas Detection System at the Department of Public Works.

Financial

Funds are budgeted and available in the Public Works Capital Projects Fund under Project Number 2021C0135 for the 2021 fiscal year. Expenditures will be charged to account number 401.464.7675.900.

Recommendation

City management recommends awarding a contract for the replacement and installation of a Gas Detection System at the Department of Public Works; as per bid specifications to the low bidder meeting specifications *Ino-Tek, Inc. of Ray, MI* at prices contained in the bid tabulation opened September 10, 2020 for an estimated cost of \$64,927 with a 15% contingency of \$9,740 for an estimated grand total amount of \$74,667 not to exceed budgetary limitations.

Opening Date: 09/10/2020
Date Reviewed: 09/10/2020

CITY OF TROY
BID TABULATION
GAS DETECTION SYSTEM

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| | | | |
|--|--------|--|--|
| VENDOR NAME: | | Ino-Tek, Inc. | Coritech Services, Inc. |
| CITY: | | Ray, MI | Royal Oak, MI |
| CHECK #: | | 2015498 | 9227036099 |
| CHECK AMOUNT: | | \$5,000.00 | \$5,000.00 |
| PROPOSAL: A single prime contract based on a Stipulated Price as specified to furnish all labor, equipment materials, and supplies, to complete the Gas Detection System project in accordance with the bid specifications. | | | |
| BASE BID PRICE: | | \$64,927.00 | \$118,722.00 |
| Can Meet Qualifications: | Y or N | Y | Y |
| Hours of Operation: | | M-F 7:30AM - 4:30PM | 7:30AM - 4:30PM |
| Contact Phone #: | | 586-336-0856 | 313-433-4429 |
| Proposed Payment Schedule: | | 50% Upon delivery, 40% After completion of installation, 10% After final testing. Net 30 | Completion of engineering, delivery of materials and commissioning/sign off. |
| References: | Y or N | Y | Y |
| Can Meet Insurance: | Y or N | Y | Y |
| Payment Terms: | | Net 30 | Net 30 |
| Warranty: | | Not Specified | 1 yr. from date of acceptance |
| Completion: | | Not Specified | 12-16 weeks ARO |
| Exceptions: | Y or N | N | N |
| Acknowledgement: | Y or N | Y | Y |
| Forms: | Y or N | Y | Y |
| | | Low Bid as Specified. | |

* No Bid Response from one vendor

ATTEST:

(*Bid Opening conducted via a Go-To Meeting)

Dennis Trantham

Kristine Kallek

Jackie Ahlstrom

Beth Zaccardelli

MaryBeth Murz,
Purchasing Manager