

**CITY OF KENOSHA
KENOSHA FIRE DEPARTMENT GAS MONITOR DETECTION EQUIPMENT
NO. #17-16**

ISSUED: November 17, 2016

NOTICE TO BIDDERS

Sealed bids will be accepted by the City of Kenosha, in the Department of Finance, Municipal Office Building, 625 52nd Street, Room 208, Kenosha, Wisconsin until:

Tuesday November 29, 2016 at 3:00 P.M.

for providing gas monitoring equipment per City of Kenosha specifications.

Bids shall be sealed and submitted on the attached bid form. Sealed envelopes shall be clearly marked with the scheduled date and time of opening, clearly marked "Gas Monitor Equipment" and procurement number 17-16. Submittals received after this deadline will not be considered. Forms must be thoroughly completed, signed and dated. No faxed or other electronically communicated submittals will be considered.

The City of Kenosha reserves the right to accept or to reject any or all proposals or to accept any proposals deemed the most advantageous for the City in terms of quality of product, product design, product capabilities and cost. Additionally, the respondent's approach in satisfying the requirements of the Kenosha Fire Department will be key.

Gas Monitoring Equipment shall be new, of current design and manufacturer, and not refurbished or used. The equipment shall be fully intact and operable at time of delivery, with no damages or defects sustained during its manufacturing or delivery.

All costs provided are complete and exact amounts. Key components of these costs including the installation and equipment training of Fire personnel should be specified. Technical literature that demonstrates compliance to the specifications shall be provided with the bid submittal.

Award shall be made within thirty (30) days of the submittal deadline to the lowest responsive and responsible respondent.

Equipment delivery shall be F.O.B. Destination to the following address: 4810 60th Street, Kenosha, WI. 53144.

The City of Kenosha is exempt from Federal Excise Tax and State Sales Tax, therefore, proposals should be made exclusive of any such taxes. A Tax Exemption Certificate and/or Tax Exemption Registry Number will be furnished to the successful proposer.

Any questions, inquiries, or concerns regarding the equipment specified shall be directed to Breathing Protection Specialist John Vos of the Kenosha Fire Department at (262) 925-5841 or (262) 358-2725. His e-mail is jvos@kenosha.org Questions and inquiries related to the solicitation process shall be directed to Mark Willing, Purchasing Manager, City of Kenosha at (262) 653-4180 or mwilling@kenosha.org

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SPECIFICATIONS

- 1.0 General.
 - 1.1 Gas monitors are to include a multi-gas detection device. The multi-gas is to be configured as a four (4) or five (5) gas instrument.
 - 1.2 Monitor(s) shall detect oxygen, carbon monoxide, combustibles and hydrogen sulfide. The five (5) gas instruments shall have the requisite sensor to detect hydrogen cyanide.
 - 1.3 Additional gas monitors are to include single-gas carbon monoxide detectors. In the event that a four (4) gas monitor is selected; a hydrogen cyanide single gas is to be included in the bid.
 - 1.4 Equipment to supplement monitors will be charging stations and calibration equipment.
 - 1.5 Equipment shall be intrinsically safe, resistant to water, impact resistant and dust-proof.
 - 1.6 Batteries shall have a minimum of twenty (20) hours of operation.
 - 1.7 LCD display screen(s).
- 2.0 Basic Operations.
 - 2.1 Operator shall capable of turning on unit with gloved hand. Unit shall have a shut-off process/procedure in order to prevent accidental shut-off(s).
 - 2.2 A battery level indicator is to be displayed when the unit is powered on.
 - 2.3 The charging station shall provide visual confirmation of the unit's charging status.
 - 2.4 Data recording capability to read previous events utilizing provided software.
- 3.0 Multi-Gas Monitor.
 - 3.1 Display screen shall have a digital reading with back light. It shall have a minimum of two (2) buttons to allow for proper evaluation.
 - 3.2 Monitor shall have pumping capability to detect below-grade areas.
- 4.0 Single-Gas Monitor.
 - 4.1 Display screen shall have a digital reading with back light. It shall have a minimum of two (2) buttons to allow for proper evaluation.
 - 4.2 Single-gas monitor shall be serviceable in-house for common maintenance and repairs that shall include battery and sensor replacement(s).

5.0 Alarms.

Alarm settings shall be programmable by Kenosha Fire Department Air Division through provided software. Alarms shall provide end-user the minimum of two (2) notifications (i.e. audio, vibration, visual).

6.0 Calibration Equipment.

6.1 Each station shall be outfitted with adequate equipment to properly bump test/calibrate any monitors that are to be stored at that station. For example, Fire Station 4 will have multi-gas and single-gas monitors requiring bump tests /calibrations. Fire Station 2 will need equipment to properly bump test/calibrate single gas monitor(s).

6.2 Calibration equipment shall be linked to software with the capability to be remotely monitored by Kenosha Fire Department Air Division. Software shall be installed on two (2) computers.

6.3 All calibration equipment shall be outfitted with adequate equipment such as calibration gas cylinders with proper mounting.

7.0 Quantities.

7.1 Six (6) Multi-Gas Monitors.

7.2 Sixteen (16) Single-Gas Carbon Monoxide Monitors.

7.3 Six (6) Single-Gas Hydrogen Cyanide (if applicable).

7.4 Three (3) calibration stands for five (5) gas with single-gas.

7.5 Three(3) calibration stands for single gas.

7.6 Six (6) charging units for multi-gas.

8.0 Trade- Ins.

8.1 The following equipment pieces shall be of trade-in value to offset the acquisition cost of the new equipment:

8.1.1 Six (6) MSA Galaxy 5.

8.1.2 Three (3) MSA Calibration Equipment.

8.1.3 Twelve (12) Drager Single-Gas CO2 Monitors.

9.0 Warranty.

Bid shall include the cost of the standard manufacturer warranty on monitor and sensor equipment. Warranty provisions / exclusions to be stated on the bid form.

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BID FORM

Make/Model: _____

Monitors:

	<u>QTY</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Multi-Gas:	6	\$ _____	\$ _____
Single-Gas CO2:	16	\$ _____	\$ _____
Single-Gas Hydrogen Cyanide:	6	\$ _____	\$ _____

Calibration Stands:

Five Gas with Single-Gas:	3	\$ _____	\$ _____
Single-Gas:	3	\$ _____	\$ _____

Charging Units:

For multi-gas (LEL, O2, H2S & CO2):	6	\$ _____	\$ _____
Sub-Total :			\$ _____

Trade-Ins:

MSA Galaxy 5:	6	(\$ _____)	(\$ _____)
MSA Calibration Equip.:	3	(\$ _____)	(\$ _____)
Drager Single-Gas CO2 Monitors:	12	(\$ _____)	(\$ _____)

Total Trade-In(s) Value: (\$ _____)

TOTAL NET COST: \$ _____

Specify Warranty Coverage Provision(s) / Exclusions: _____

Submitted by: _____

Firm: _____

Signature: _____

Print name: _____

Date: _____

Address: _____

Phone: () _____

Fax: () _____

E-mail: _____

Payment Terms: _____ % _____ days Net _____ days