**West Midlands Fire and Rescue Authority**

**Gas Monitor Framework Agreement**

**Expressions of Interest Form**

West Midlands Fire and Rescue Authority (The Authority) are seeking expressions of interest from suppliers for an upcoming opportunity to provide Gas Monitors and associated equipment under a National Framework Agreement for the Blue Light Sector.

Establishing a national framework agreement will mean that all Blue Light Sectors in England; Scotland; Wales; Northern Ireland; the States of Jersey; Guernsey and Isle of Man; could have one route to market to purchase Gas Monitors.

Gas monitoring is essential to the safety of Firefighters, Police Officers, EMT’s and Paramedics. How to detect, identify and monitor harmful substances is key to determine the levels of Personal Protective Equipment (PPE) and risk to Firefighters, Police Officers, EMT’s, Paramedics and the public.

These users frequently operate in a range of hostile environments, which place requirements on devices for ruggedisation and usability which are not encountered for consumer devices.

Some specific examples of these requirements are as follows:

* High levels of use requiring ingress protection and resistance to physical damage.
* The ability to use the devices while wearing gloves.
* Extended battery life, to allow high levels of device usage over a lengthy shift.
* Hydrogen Cyanide (HCN) detection, where required, following research <http://www.waterburyfire.org/Docs/providence.pdf>

Up to five companies, of different sizes, will be invited to demo their solution at the beginning of January.

**Supplier Name: …………………………………………………………………..**

**Contact Name: ……………………………………………………………………**

**Business Address: ………………………………………………………………**

**Telephone Number: ……………………………………………………………..**

**Email: ………………………………………………………………………………**

|  |  |  |
| --- | --- | --- |
| **Item** | **Question** | **Response** |
| **1.** | Would your company be interested in bidding for this framework? |  |
| **2.** | What products could your company supply from the attached product lists?Please include additional comments in the table below. |  |
| **3.** | Are there any products not identified that could be added to the framework? |  |
| **4.** | Could your company deliver to the following:* UK FRS’s detailed on the NFCC website, <https://www.nationalfirechiefs.org.uk/Fire-and-Rescue-Services>
* Ambulance service detailed on the website, <https://aace.org.uk/uk-ambulance-service/>
* Police service detailed on the website, <https://www.police.uk/pu/contact-the-police/uk-police-forces/>
 |  |
| **5.** | Would there be any delivery charges for orders? |  |
| **6.** | Could call off orders be placed, and stock held at your locations? |  |
| **7.** | Does your company have minimum order quantities? |  |

**Please return this completed form to:** **procurement@wmfs.net** **by Monday 10th January 2022.**

**Product list:**

**Personal Gas Monitors:**

|  |  |
| --- | --- |
| Product:  | Comments/Response |
| A device for the monitoring of 5 channels. Explosive environments (LEL), Oxygen, Carbon Monoxide, Hydrogen Sulphide and Hydrogen Cyanide to provide critical detection for the safety of Firefighters and to support operational procedures.  |  |
| A device for the monitoring of 4 channels. Explosive environments (LEL), Oxygen, Carbon Monoxide and Hydrogen Sulphide |  |
| A one channel device for the monitoring of Hydrogen Cyanide  |  |
| A one channel device for the monitoring of O2 (oxygen) |  |

**Accessories:**

|  |  |
| --- | --- |
| Products:  | Comments/Response |
| Calibration Unit capable of auto calibration, battery recharging, ability to interrogate system diagnostics, record keeping |  |
| Ability to lock and unlock programme settings |  |
| Replacement sensors; LEL; O2; CO; HCN; H2S |  |
| Calibration Gases; variety of sizes and concentrates |  |
| Desk Charger |  |
| Vehicle Charger |  |
| Replacement Batteries |  |
| Carry Case |  |

**Service Options:**

|  |  |
| --- | --- |
| Products: | Comments/Response |
| Annual Calibration Service at Customers premises |  |
| Training for end users / instructors– free of charge |  |
| Training for Fire Service technicians to undertake maintenance and calibration – free of charge |  |
| Managed Service (rental of monitors and servicing) |  |
| Customer and technical support (telephone, website, e-mail support provided Mon to Fri during office hours) – free of charge |  |