INFORMAL TENDER ADVERT

NELSON MANDELA BAY MUNICIPALITY
BUDGET AND TREASURY DIRECTORATE
PURCHASING AND STORES DIVISION

Tender Number: CSQ10266082
Buyer: Senekal, Miss E [00012850]

Closing Date: 2026-11-20
Closing Time: 11:00 A.M

Telephone : 041 506 7630

REFER ALL ENQUIRIES TO THE BUYER

ITEM	QUANTITY	UNIT	KEY WORD	DESCRIPTION	REQUISITION
1	15.00	EACH	CALIBRATION OF PORTABLE MULTIGAS PROTECTOR	Tenders are invited for Calibration and Functional Testing of Drager X-AM , 2500 Portable , Specification uploaded on Informal Tender Website. Tenderers will be further evaluated only if they meet the minimum requirements stated below: Failure to meet the minimum requirement will deem the tender non-responsive Brochure / Sample and Certificates for Accreditation of item may be requested from shortlisted tenderers, and needs to be provided within 72hrs, failure to provide excludes from further consideration. For more information contact Mr L Linde @041-5085559.	AA178814

THE FOLLOWING CONDITIONS APPLY TO THIS INFORMAL TENDER

- BEFORE COMPLETING THIS FORM, SERVICE PROVIDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF SPECIFIC GOALS, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATION OF 2022 THE 80/20 SYSTEM APPLIES TO THIS TENDER.
- Acceptance of this tender submission is subject to the General Conditions of Tender and Conditions of Purchase
- Acceptance of this tender is subject to successful registration on the Nelson Mandela Bay Supplier Database.
- For further information to register, please call Compliance Section @ 041 506 3274
- Failure to comply with these conditions may invalidate your tender submission.
- All tender prices should be valid for a minimum period of thirty (30) days from date of tender.
- ALL TENDER RESPONSES SHOULD BE COMPLETED ONLINE AND NO FAX SUBMISSION WILL BE ACCEPTED BY SUPPLY CHAIN UNIT.

SPECIFICATION

CALIBRATION AND FUNCTIONAL TESTING OF DRÄGER X-AM 2500 PORTABLE MULTI-GAS DETECTORS

1. Scope of Service

The appointed service provider shall provide the collection, inspection, functional testing, calibration and return of Dräger X-am 2500 portable multi-gas detection instruments used by the Municipality's Fire and Emergency Services.

Calibration and testing shall be undertaken using a Dräger X-dock automated testing and calibration station, or an equivalent manufacturer-approved automated system capable of producing electronic calibration records and certificates.

The service shall be performed by a suitably competent person authorised by or appropriately trained and approved for servicing/calibration of, the relevant Dräger equipment.

2. Equipment Identification

Prior to testing, the service provider shall:

- Verify the instrument make and model.
- Record the instrument serial number/device ID.
- Record the instrument part number where applicable.
- Record firmware/software information where available.
- Verify and record the identification and serial numbers of installed sensors.
- Cross-reference all calibration results to the individual instrument serial number.

3. Visual Inspection

Each instrument shall undergo a visual inspection prior to calibration, including, as applicable:

- Housing and casing condition.
- Display.
- Buttons and controls.
- Alarm indicators.
- Audible alarm/horn.
- Vibration alarm.
- LED indicators.
- Sensor openings and filters.
- Battery condition.
- Charging contacts.
- Mechanical damage or contamination.

Any defect that may affect the safe or reliable operation of the instrument shall be recorded and reported to the Municipality.

4. Diagnostic Testing

The service provider shall identify and, where possible, clear/reset instrument errors using appropriate Dräger proprietary diagnostic and/or maintenance software.

Any error or fault that cannot be cleared shall be recorded on the service report and brought to the attention of the Municipality before additional repair work is undertaken.

5. Date and Time

The date and time displayed/recorded by each instrument shall be checked and confirmed as current and correctly aligned.

6. Zero Calibration

Each installed sensor shall undergo zero calibration using the appropriate reference condition/gas, in accordance with the manufacturer's prescribed calibration procedure.

The calibration record shall identify:

- Sensor/gas type.
- Pre-calibration reading.
- Zero/set value.
- Reference gas or fresh-air condition.
- Test result.
- Date of calibration.

7. Span Calibration

Each installed sensor shall undergo span calibration using certified calibration/test gas appropriate to the installed sensor configuration.

The calibration record shall include, as a minimum:

- Gas/sensor type.
- Pre-calibration reading.
- Calibration/set value.
- Calibration gas concentration.
- Calibration gas lot/batch number.
- Calibration gas expiry date.
- Mixed-gas identification where applicable.
- Calibration result.

8. Calibration Gas Traceability

All calibration gases used shall be certified reference materials suitable for the applicable Dräger X-am 2500 sensors.

The calibration certificate/report shall reference the calibration gas batch/lot number.

The service provider shall provide copies of the relevant calibration/test-gas certificates upon request.

9. Functional / Bump Testing

Following calibration, each instrument shall undergo an appropriate functional/bump test to confirm sensor response and alarm functionality.

Where supported by the X-dock configuration, the test shall verify:

- Sensor response.
- Alarm activation.
- Alarm thresholds.
- Visual alarm/LED operation.
- Audible alarm/horn.
- Vibration alarm.

D. Fault report
For any instrument that does not pass calibration or functional testing.

20. Minimum Technical Requirement for Tenderers

The tenderer shall demonstrate that it has:

- Access to a Dräger X-dock automated testing/calibration station, or manufacturer-approved equivalent.
- Appropriate calibration gases for the X-am 2500 sensor configuration.
- Competent personnel trained/authorised to perform calibration of Dräger portable gas detection equipment.
- Suitable facilities for testing and calibration.
- The ability to generate electronic calibration certificates.
- A secure electronic database/record-keeping system for calibration results.

Tenderers will be further evaluated only if they meet the minimum requirements stated below:

- Failure to meet the minimum requirement will deem the tender non-responsive
- Brochure / Sample of item may be requested from shortlisted tenderers, within 72 hours, failure to provide excludes from further consideration.
- Certificate must include certified calibration and testing accreditation.

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