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INTRODUCTION:

Appointment of a Service Provider for the calibration, repair, and maintenance of alcohol detection machines for PRASA Rail Western Cape Region in accordance with the specification for 12 months

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SPECIFICATION FOR BREATHALYSER CALIBRATION &REPAIRS:

MODEL: MARK X

BACKGROUND:

PRASA (Metrorail) is committed to providing a healthy and safe environment for its employees, as well as for all individuals who may be affected by its operations. To uphold this commitment, PRASA(Metrorail) maintains a zero- tolerant policy toward alcohol and related substances.

Accordingly, breathalyser testing is mandatory for all individuals accessing its buildings and operational areas.

PURPOSE:

To ensure accuracy and reliability of the breathalysers. Basically, the process of calibrating repairing and maintaining the breathalysers is essential to guarantee that alcohol testing machines remain accurate, credible and able to withstand legal scrutiny when required.

SCOPE:

This specification applies to the appointed service provider responsible for calibrating repairing, maintaining the MARK X breathalysers for PRASA (Metrorail) Western Cape for a period of 12 months on an as and when required basis.

SCOPE OF WORK:

The scope of work for this bid entails that the appointed service provider calibrates, repairs, and maintains the breathalysers for PRASA (Metrorail)Western Cape.

Calibration Services: Supplier would perform calibration services for breathalysers or alcohol measuring devices, in accordance with the manufacturer's specifications and relevant standards. This would involve the measurement of the device's accuracy, precision, and linearity.

Maintenance and Repair: Supplier would provide maintenance and repair services for all breathalysers or alcohol measuring devices. This would include fault finding, troubleshooting, replacement of faulty components, and any necessary software updates.

Traceability: Supplier would ensure that the calibration of the breathalysers or alcohol measuring devices is traceable to national and international standards. This would involve maintaining accurate calibration measurements, procedures, and equipment records.

Certificate of Calibration: Supplier would provide a certificate of calibration for each device calibrated. The certificate would include information such as the device's identification number, calibration date, and calibration results

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SPECIFICATION:

Service provider to calibrate as- and when 60 (Sixty) Alco Visor Mark X machines and perform repairs if necessary.

The internal memory of instruments shall be set after each calibration to indicate the correct date of calibration.

The date on the calibration certificate should correspond with the date on the machine.

The date and time of the machine must be checked and re-set if required.

Ensure that the machines are programmed to save all the confirmatory tests conducted in mouthpiece test mode in their correct numerical sequence. The machine to be set to only save positive tests.

A calibration certificate to be issued stating the following:

1. Instrument serial number.
2. Calibration date.
3. Next calibration date and
4. Calibration procedure must be clearly declared with traceability.

Calibration certificate to be signed by a competent and authorized person.

N.B. The service provider :

- **to perform the calibration of the equipment must be accredited or use the laboratory that is accredited by the South African National Accreditation System(SANAS) and must comply with the requirements of the South African National Standard for Evidential Breath Analysers (SANS 1793:2013).**
- **must be able to issue a valid calibration certificate confirming that the breathalyser equipment has been calibrated in accordance with the applicable standard and requirements.**
- **Should the Service Provider not possess the required accreditation, they may collaborate with another Service Provider that holds valid accreditation from the relevant accreditation bodies, such as SANAS, to ensure compliance with the applicable requirements.**

CATEGORY:	MODEL:
Breathalysers/Handheld alcohol testing and measuring device	