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| <b>Requesting Office:</b><br>Magalies Water Vaalkop Plant   |  |
| <b>Contact Person:</b><br>Selina Maledu   |  |
| <b>Contact Numbers:</b><br>012 277 1452/1290  |  |
| <b>Facsimile:</b>   | <b>PR -10023117</b>  |
| <b>E-mail address:</b> <a href="mailto:selinam@magalieswater.co.za">selinam@magalieswater.co.za</a> |  |

DATE ISSUE:24 March 2025

CLOSING DATE:01 April 2025

PLACE OF DELIVERY: **Magalies Water Vaalkop Plant**

For More information/query email: [selinam@magalieswater.c.za](mailto:selinam@magalieswater.c.za) or call 014 597 4636

| Item No. | Description/Specification  | Quantity |
|----------|--|----------|
| 1        | <p>Installation of distribution balance meters</p> <p>All meters must be insertion meters using lithium battery and sending communication.</p> <ol style="list-style-type: none"> <li>1. Evergreen junction: 450 mm pipeline</li> <li>2. Evergreen junction: 350 mm pipeline</li> <li>3. Evergreen junction: 1000 mm pipeline</li> <li>4. Evergreen junction: 550 mm pipeline</li> <li>5. Evergreen junction: 600 mm pipeline</li> <li>6. Evergreen junction: 900 mm pipeline</li> <li>7. Evergreen junction: 1000 mm pipeline</li> <li>8. Northam pipeline after Padda junction: 450 mm pipeline</li> <li>9. Northam pipeline after Padda junction: 750 mm pipeline</li> </ol> <p>Meters specification: Pressure rating-25 bar, Operating temperature of minimum - 40 degrees and maximum 40 degrees.<br/>All meters must be commissioned and have at least 1-year guarantee.<br/>Insertion flow meter specification:<br/>Transmitter type Battery powered - 2 x D Cell 3.6 V *, Battery life Lithium battery pack up to 10 years, Accuracy 0.2 % +/- 2 mm/s - insertion sensors 2% of rate +/- 2mm/s<br/>Temperature: Ambient: -20 ... +60 C° (-4 ... +140 F), Ambient: -20 ... +60 C° (-4 ... +140 F)<br/>Enclosure: Technopolymer case with aluminum bottom on compact vertical version, IP 68. Remote wall mount bracket in carbon steel zinc plated, Custody transfer: Type approved OIML R49-1 2013 / EN 14154 MID EN-ISO 4064<br/>Sensor type Full bore up to DN 600 - Insertion meters<br/>Flow velocity range 0.015 m/s up to 10 m/s<br/>Sampling rate Standard mode 1 / 5 Hz up to 1 / 60 Hz (default 1 / 15 Hz) max 3.125 Hz<br/>Installation<br/>Integral (compact) or remote with factory mounted sensor cable in 5 m (16.4 ft) up to 30 m (98.4 ft)<br/>Digital filters Damping - cutt-off (0.05 m/s default) - bypass - peak cut<br/>Display and keys<br/>LCD display - Index, menu, and symbols icons for dedicated information</p> | 9        |

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|  | <p>4 Push buttons to access all functions<br/> Totalizer informations can be displayed with 5 decimal digits<br/> Displayed informations<br/> Live flowrate:T+,T-,P+&amp;P- with date and time<br/> Outputs<br/> 2 pulses passive outputs (MOS), individual galvanically isolated - clean contact<br/> Maximum load +/- 35V DC, 100 mA short circuit protected<br/> Communication Integrated BERMAD IrComm interface<br/> Datalogging<br/> 100,000 lines of data with a frequency of log between 1 minute and 120 minutes<br/> Alarms available:</p> <ul style="list-style-type: none"> <li>• excitation failure</li> <li>• empty pipe on the 4th electrode</li> <li>• empty pipe on the measuring electrodes</li> <li>• high temperature</li> <li>• high voltage supply</li> <li>• pulse overlapped</li> <li>• wet electronic board</li> </ul> <p>External verification Field verifcator available for calibration verification and electronic status<br/> Software for communication and self diagnose<br/> * Lithium batteries are subject to special transportation regulations according to United Nations "Regulation of Dangerous Good", UN 3090 and UN 3091. Special trasnport documentation is required to observe these regulations.</p> <p style="text-align: right;">: Pressure rate</p> <p>PN16</p> <p style="text-align: right;">: Model MC406 and</p> <p>IP68 plastic housing</p> <p style="text-align: right;">: CA2 standard</p> <p>cable of 10 meters<br/> NB: Safety procedures must be adhered as per Magalies Water standards.<br/> : Service provider must have welding experience and flow meters</p> |  |
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**1. Submission of Quotations**

**RFQ Number** must always be stated on the quotation.

Quotations should be submitted on or before the Request for Quotation Deadline Date by no later than 16h00 to the email below. Email: [selinam@magalieswater.co.za](mailto:selinam@magalieswater.co.za)

**2. Selection of Qualifying Quotation**

The selection of the qualifying quotation will be at Magalies water's sole discretion. Magalies Water does not bind itself to accept any Quotation

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### 3. DOCUMENTS REQUIRED

The quotation will be verified for responsiveness according to the following **REQUIREMENTS:**

- Quotation must have CSD vendor number/ submit CSD Report
- Quotation must have RFQ reference number
- Completed and signed Declaration of Interest Form (SBD4)
- Quotation with validity period should be 30 days or more.
- Quotation with physical address, date, contact details and banking details
- Bidders must submit certified B-BBEE certificate or Sworn affidavit

\*NB All non-responsive bids will be rejected.

### 4. EVALUTION OF QUOTATION

Quotations will be evaluated in terms of the PPPFA using the 80:20 Preference point systems

### 5. TERMS & CONDITIONS

- 5.1. Quotations received after the closing date will not be accepted.
- 5.2. All costs to be included in the quotation.
- 5.3. Delivery must take place at the specified place.
- 5.4. Quotations to be valid for 30 days from date of issue.
- 5.5. The Government Procurement General Conditions of Contract shall apply.