


Requesting Office: Procurement	
Contact Person: Tebogo Aphane	
Contact Numbers: 014 597 4636	
Facsimile:	Installation of flow meters
E-mail address: tebogoa@magalieswater.co.za	

DATE ISSUED: **09 FEBRUARY 2024**


CLOSING DATE: **21 FEBRUARY 2024**

PLACE OF DELIVERY: **MAGALIES WATER**


Compulsory Site Briefing Date : 14 FEBRUARY 2024 11H00

For More information/query email: tebogoa@magalieswater.co.za or call 014 597 4636

Item No.	Description/Specification
1.	<p style="text-align: center;">Appointment to supply, delivery and installation of flow meters to its Pudumong Water Treatment Plant.</p> <p>1. Introduction</p> <p>Magalies Water is looking for a service provider to assess, supply, delivery and installation flow meters to its Pudumong Water Treatment Plant.</p> <p>2. Objectives</p> <p>The main objective is to assess, supply, delivery and installation of flow meters to its Pudumong Water Treatment Plant.</p> <p>3. Location</p> <p>Magalies Water - Pudumong Water Treatment Plant (Taung)</p> <p>4. Scope of Work</p> <p>Service Providers is expected to visit and acquaint themselves with site conditions and the extent of the work to be done. During the compulsory site briefing and inspection on, the 14 FEBRUARY 2024 at 11:00 Service Providers shall make allowance for items obviously intended and necessary for the proper completion of the work, although not specifically mentioned.</p>

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	<p>The scope of work entails and is not limited to the following:</p> <p>A) Supply and Delivery of flow meters at Pudumong plant</p> <p>Description</p> <ol style="list-style-type: none"> 1 Replace flow meter with ABB AquaMaster FEW412 Electromagnetic Flowmeter remote DN 150 (6 in.); ISO 7005 PN 16 EN 1092-1; Grounding rings (2 off); Battery powered; Pulse output; 0.5 % factory calibration; 10 m (approx. 30 ft); Display protective cover without NFC 2 Replace flow meter with ABB AquaMaster FEW412 Electromagnetic Flowmeter remote DN 200 (8 in.); ISO 7005 PN 16 EN 1092-1; Grounding rings (2 off); Battery powered; Pulse output; 0.5 % factory calibration; 10 m (approx. 30 ft); Display protective cover without NFC 3 Install SITRANS Probe LU240 Ultrasonic level transmitter ideal for level, volume, and volume flow; HART (4 ... 20 mA) level, volume, volume flow Ingress protection: IP66, IP68, TYPE 4X, 6 Measurement range/wetted parts: 200 ... 6000 mm (7.87 ... 236.22 inch), PVDF Copolymer Process connection: R 2" [(BSPT), EN 10226] . With display (clear lid of PC material) 4 Install SITRANS Probe LU240 Ultrasonic level transmitter ideal for level, volume, and volume flow; HART (4 ... 20 mA) level, volume, volume flow Ingress protection: IP66, IP68, TYPE 4X, 6 Measurement range/wetted parts: 200 ... 6000 mm (7.87 ... 236.22 inch), PVDF Copolymer Process connection: R 2" [(BSPT), EN 10226] . With display (clear lid of PC material) 5 Replace 300DN Meistream plus flanged T/16 X 2 6 Install and connection of 20mm flow meter on stand water taps X 2 <p>NB: All work must include bolt&nuts, flanges or Flange adaptors, pipes and pipe works</p> <p>B) Service provider to include separately a quotation for installation (labour component). This includes but is not limited to removing of existing meters and installation of new replacement meters.</p>
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5. Specifications

Pipework and pipe fittings

All pipework and fitting to be utilised should meet the South African National Standards

Pipework and fittings should have a pressure rating of 10 Bar (PN10).

The engineer or engineer's representative to approve all material prior to installation.

Equipment

Standard for Equipment to be utilised for installations should at least match the standard of the existing equipments used.

The engineer or engineer's representative to approve all equipments to be installed.


Electrical Specifications

The electrical wiring shall be carried out by registered and licensed electricians in accordance with the requirements of SANS 10142-1 and the regulations of the Employer.

Deliverables

Upon completion of works, the contractor shall submit a comprehensive operations and maintenance manual which shall include, but not limited the following:


- Step-by-step maintenance instructions of all instruments and other components of the system that might require maintenance, clearly explaining how each item should be maintained with pictures clearly indicating service points, where applicable.
- Step-by-step calibration instructions of all instruments where applicable.
- All measurements recorded at tests during commissioning

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This documentation will be required within 14 days after Commissioning.

Supply and Delivery of flow meters at Pudumong plant

	Description	Quantity	Unit Cost	Total Cost
1	ABB AquaMaster FEW412 Electromagnetic Flowmeter remote system ; DN 150 (6 in.); ISO 7005 PN 16 EN 1092-1; Grounding rings (2 off); Battery powered; Pulse output; 0.5 % factory calibration; 10 m (approx. 30 ft); Display protective cover without NFC	1		
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	material)			
5	300DN Meistream plus flanged T/16	2		
6	20mm flow meter on stand water standpipes/ taps	2		
NB: All work must include bolt&nuts, flanges or Flange adaptors, pipes and pipe works				
		Sub-Total		
		VAT at 15%		
		TOTAL OFFER		

* **Installation quotation to be submitted separately**


6. RFQ Evaluation

Submitted RFQ's will be assessed based on the following:


- a) Price
- b) Timelines
- c) Methodology of conducting installation of meters.
- d) Key project Personal. CV's to be attached.

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<p>Bidders to propose their timelines anticipated to hand deliverables to client. A Gantt chart may be submitted to illustrate proposed timelines by bidder.</p>															
<p>7.1 Functionality</p>															
<table border="1"> <thead> <tr> <th>Criteria</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td colspan="2"> Technical Criteria (75 Points) </td> </tr> <tr> <td colspan="2"> Combined Level of or experience and knowledge (attach company profile): (45) </td> </tr> <tr> <td> 1. Previous experience in delivering work of a similar nature Attached testimony letter/three contactable references <ul style="list-style-type: none"> • One project with contactable reference (10 Points) • Two projects with contactable reference (15 Points) • Three of more projects contactable references and above (20 Points) </td> <td style="text-align: center; vertical-align: middle;"> 20 </td> </tr> <tr> <td> 2. Knowledge of installing and/or refurbishment of meters (Attach/provide proof of previous work) <ul style="list-style-type: none"> • 1x Proof either installing and/or refurbishment previous work (10 Points) • 2x Proof of either installing and/or refurbishment previous work (15 Points) • 3x proof of three of more and above (25 Points) </td> <td style="text-align: center; vertical-align: middle;"> 25 </td> </tr> <tr> <td colspan="2"> Track record and experience </td> </tr> <tr> <td> Capacity and capability of the team Curriculum Vitae (CVs) of project team members and / or of external experts if some parts of the services are going to be outsourced with contactable references. </td> <td style="text-align: center; vertical-align: middle;"> 30 </td> </tr> </tbody> </table>	Criteria	Weight	Technical Criteria (75 Points)		Combined Level of or experience and knowledge (attach company profile): (45)		1. Previous experience in delivering work of a similar nature Attached testimony letter/three contactable references <ul style="list-style-type: none"> • One project with contactable reference (10 Points) • Two projects with contactable reference (15 Points) • Three of more projects contactable references and above (20 Points) 	20	2. Knowledge of installing and/or refurbishment of meters (Attach/provide proof of previous work) <ul style="list-style-type: none"> • 1x Proof either installing and/or refurbishment previous work (10 Points) • 2x Proof of either installing and/or refurbishment previous work (15 Points) • 3x proof of three of more and above (25 Points) 	25	Track record and experience		Capacity and capability of the team Curriculum Vitae (CVs) of project team members and / or of external experts if some parts of the services are going to be outsourced with contactable references.	30	
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	<p>Experience of a minimum of five (5) years on similar projects and the ability to meet project requirements.</p> <ul style="list-style-type: none"> • 3 years' experience (15 points) • 4 to 5 years' experience (20 points) • More than 5 years' experience (30 points) <p>Reference clients that Magalies Water can source testimony of service from (Provide official reference letters or name with full contact details / whichever is easier will assist).</p>	
	<p>Methodology and approach</p> <p>Responsiveness of proposal to the brief, and deliver the project timeously.</p> <ul style="list-style-type: none"> • Responsiveness to proposal to execute the project in three weeks (15 points) • Responsiveness to proposal to execute the project in two weeks (20 points) • Responsiveness to proposal to execute the project in one week (25 points) 	25
<p>7. Mandatory Requirements</p> <ol style="list-style-type: none"> 1. Bidders to attend Compulsory site briefing. 2. Project Manager shall be registered as a Pr. Eng or Pr. Tech for ECSA. 3. Service Provider shall have a minimum CIDB Grading of 2CE/ 2ME 		
<p>8. Compulsory Site Briefing Date</p> <p>Venue : PUDIMOE WATER TREATMENT PLANT Date : WEDNESDAY 14 FEBRUARY 2024</p>		

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TIME : 11H00

1. Submission of Quotations

RFQ Number must always be stated on the quotation.

Quotations should be submitted on email below. Email: tebogoa@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 particular Quotation

3. Evaluation

The quotation will be checked 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

4. Terms & Conditions


Quotations received after the closing date will not be accepted.

All costs to be included in the quotation.

Delivery must take place at the specified place.

Quotations to be valid for 30 days from date of issue.

All non-responsive bids will be rejected.

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The Government Procurement General Conditions of Contract shall apply.