


Requesting Office: Procurement	
Contact Person: Hezekiel Lukele	
Contact Numbers: 014 597 4636	
Facsimile:	RFQ – 10017072
E-mail address: hezekiell@magalieswater.co.za	


DATE ISSUED: **03 August 2022**

CLOSING DATE: **12 August 2022**


PLACE OF DELIVERY: **MAGALIES WATER, VAALKOP PLANT**

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


Item No.	Description/Specification
1.	<p><u>REQUEST FOR QUOTATION</u></p> <p>1) a) Supply, Install and commission Plant 1 electric actuator for GAC Filter drain valve x 2. b) Supply Plant 2 electric actuator for GAC Filter drain valve x 1.</p> <p>Electric actuators Specification: AUMA Part-turn Actuators Actuator faulty Gearbox Type designation: SQ 12.2-F12, IP: 68 32s/90° T close: 400-1200Nm T open: 400-1200Nm Lube: F15 Temp: -40/80 degree Celsius L22030/NL2479</p> <p>Control Unit: Type designation: AM 01.1 L10493 KMS: TP100/201 MSP: 1110KC3—F18E1 3 PHASE 400V AC IP: 68 Control: 24V DC</p> <p>Motor: SD000 63-4-0 00 ART No. Z113. 525 Star 3-phase 400V AC 50 Hertz P: 0.060KW cos θ = 0.38 In: 0.60A L22030</p>

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	<p>3)a) Supply, install and commission DAFF unit 3 descum valves electric actuator x 1 check the below specification.</p> <p>b) Supply DAFF unit 3 descum valves electric actuator x 1 check the below specification.</p> <p>Electric actuator Specification: AUMA Part-turn Actuators Actuator Faulty AUMA Part-turn Actuators Type designation: SAR 07.5-F10, Com no: 13008622 No: 2905 MD 93443 IP: 68 45 1/min T close: 20-60Nm T open: 20-60Nm Lube: F1 Temp: -25/80 degree Celsius L10493</p> <p>Control Unit: Type designation: AM 01.1 L10493 Com No. 13008622 No. 2905 MA 12042 KMS: TP110/201 MSP: 1110KC3—F18E1 3 PHASE 380V AC IP: 68 Control: 24V DC</p> <p>Motor: AD00 63-4/80 ART No. Z001. 234 No: 2905 MM 34443 Star 3-phase 380V AC 50 Hertz P: 0.37KW cos θ = 0.58 In: 1.6A L10493 S2-15 min IP: 68 n = 1400 1/min Thermal protected: Th Ins. cl: F</p> <p>4) Supply DAFF unit 3 outlet valves electric actuator x 1 check the below specification.</p> <p>Electric actuator Specification:</p>
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<p>AUMA Part-turn Actuators Actuator Faulty</p> <p>AUMA Part-turn Actuators Type designation: SAR 07.5-F10, Com no: 13008622 No: 2905 MD 93447 IP: 68 45 1/min T close: 20-60Nm T open: 20-60Nm Lube: F1 Temp: -25/80 degree Celsius L10493</p> <p>Control Unit: Type designation: AM 01.1 L10493 Com No. 13008622 No. 2905 MA 12056 KMS: TP110/201 MSP: 1110KC3—F18E1 3 PHASE 380V AC IP: 68 Control: 24V DC</p> <p>Motor: AD00 63-4/80 ART No. Z001. 234 No: 2905 MM 34443 Star 3-phase 380V AC 50 Hertz P: 0.37KW cos θ = 0.58 In: 1.6A L10493 S2-15 min IP: 68 n = 1400 1/min Thermal protected: Th Ins. cl: F</p> <p>5) Supply DAFF unit 3 descum outlet valves electric actuator x 1 check the below specification.</p> <p>Electric actuator Specification: AUMA Part-turn Actuators Actuator Faulty</p> <p>AUMA Part-turn Actuators</p>

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	<p>Type designation: SAR 10.1-F10, Com no: 13008617 No: 2905 MD 92650 IP: 68 45 1/min T close: 20-60Nm T open: 20-60Nm Lube: F1 Temp: -25/80 degree Celsius L10493</p> <p>Control Unit: Type designation: AM 01.1 L10493 Com No. 13008617 No. 2905 MA 11624 KMS: TP110/201 MSP: 1110KC3—F18E1 3 PHASE 380V AC IP: 68 Control: 24V DC</p> <p>Motor: AD00 71-4/80 ART No. Z001. 234 No: 2905 MM 33128 Star 3-phase 380V AC 50 Hertz P: 0.75KW cos θ = 0.58 In: 2.3A L10493 S2-15 min IP: 68 n = 1400 1/min Thermal protected: Th Ins. cl: F</p> <p>6) Supply, install and commission a control unit for electric actuator Plant 3 Cocodaff 9 and configure to the Auma SIMA Master Station.</p> <p>Control Unit: Type designation: AC 01.2 (Actuator controls Aumatic) L24773 Order no. 13409143 No. 4917 MA 12172 TPA: 00R100-0I1-000 TPC: AD00-1A1-A000 3 PHASE 400V AC P: A2 -25/70 degree Celsius IP: 68 Control: Modbus RTU (Control via Modbus RTU interface)</p> <p>Phase 1</p>
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ADMINISTRATIVE MANDATORY REQUIREMENTS

The information contained in the table below is mandatory and will be used in assessing the compliance of bids. Failure to submit and complete all the mandatory information will result in bids being deemed “non-responsive” and therefore will not be evaluated further.

Item No	Name of documents that must be submitted
1	Affiliations and accreditations (OEM or Letter from OEM)
2	Certificate of an OEM’s as authorized electric actuator Technician/ Installer (Certified copy)
3	CIDB 1ME/EP Certification or higher
4	Central Supplier Database (CSD) or CSD registration number
5	Bidders shall submit subcontracting agreements between the main contractor and the subcontractor with this bid (if applicable):
6	Joint ventures Certificate or Agreement


N.B: Failure of bidders to meet all the above mandatory requirements will result in their bids being disqualified and won’t be evaluated further.

RFQ Evaluation


Submitted proposals will be assessed based on the following evaluation criteria:

- a) Functionality

Company Experience in electrical actuator installation	Points
<p>Experience on installation of electrical actuators on water treatment or water treatment plant or similar industry.</p> <p>Projects from the bidder should be indicated on a schedule of company experience to be attached together with reference letters detailing the successful completion of the project and or completion letter of previous similar projects as evidence from clients.</p> <p>Evaluation</p> <ul style="list-style-type: none"> • Company experience of 3 or more similar projects of value above R500 000 (60 points) • Company experience of 2 similar projects value above R500 000 (40 points) • Company experience of 1 similar value above R500 000 project (20 point) • Company experience of 0 similar projects value above R500 000 (0 points) 	60 points
Experience of Technician/ Installer	

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<p>Capability, knowledge and experience of Technician/ Installer of electrical actuators and it's controllers who will be carrying out the work. The Technician/ Installer with a minimum of applicable 3 years' experience on the above stated work to be used on the assignment. The Technician/Installer should have at least an OEM certificate on servicing of electrical actuators, electrical actuators with Modbus and SIMA Master Station. (Provide CVs and Certificates).</p> <p>Evaluation</p> <ul style="list-style-type: none"> • 3 years or more (40 points) • Less than 3 years (0 points) 	40 points
<p>Tenderers must achieve a minimum functionality score of 60% in order to qualify for further evaluation on price and preference points.</p>	Total 100
<p>b) Price Proposal</p> <p>Bidders to attach their price schedule together with their bid proposals.</p> <p>1. Timelines</p> <p>Bidders to propose, together with the proposal, their anticipated timelines to hand deliverables to client.</p> <p>2. Health and Safety</p> <p>The work shall comply with the Occupational Health and Safety Act, Act no 85 of 1993 and the applicable regulations.</p> <p>Prior to appointment of the contractor, he shall, in terms of Section 5.1 of the Act, provide proof that:</p> <ul style="list-style-type: none"> • He has the necessary competencies and resources to perform the work safely. • He is registered and in good standing with the COIDA or other compensation insurer prior to work commencing on site. <p>SHE Specification:</p> <p>SHE file shall be compiled and submitted to Magalies water 7 days prior to onsite work commencement for approval/disapproval by end user & SHE department and kept onsite during the duration of the work which shall consists of the following items:</p> <p>Baseline SHE Risk Assessments for work to be undertaken.</p> <p>Method statement for work to be undertaken.</p> <p>Proven competence of ability to conduct work (includes competence declaration, competence certificates, affiliations, testimonials, relevant standards and reference).</p>	


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	<p>Organogram, CV's, Identity document and qualifications of service provider employees or contractors on site.</p> <p>SHE training (includes induction, awareness training, as necessary while operating under Magalies Water's control takes about 2 hours).</p> <p>Provision and use of personal protective equipment.</p> <p>3. Setting up and Commissioning</p> <p>Commissioning shall include data set-up of the equipment and confirming good operation of the equipment at the installation site by a qualified OEM Technician/Installer or OEM accredited agent Technician/ Installer.</p> <p>The national and international standards shall be followed, as well as the Original Equipment Manufacturer (OEM) specifications and standards.</p> <p>The warranty shall cover faulty materials and workmanship on a carry-in basis for 12 months from the time the item was commissioned.</p> <p>4. Date and venue of compulsory site briefing</p> <p>A compulsory site briefing meeting will be held at Vaalkop WTP on 08 August 2022. Venue coordinates: 25°18'29.02"S 27°29'01.51"E, Time : 11H00am</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 12h00 to the email below. Email: hezekiell@magalieswater.co.za

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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.

The Government Procurement General Conditions of Contract shall apply.