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| Requesting Office: Procurement   |  |
| Contact Person: Hezekiel Lukele  |  |
| Contact Numbers:<br>014 597 4636   |  |
| Facsimile:   | <b>RFQ – 10016858</b>  |
| E-mail address: <a href="mailto:hezekiell@magalieswater.co.za">hezekiell@magalieswater.co.za</a> |  |


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](mailto:hezekiell@magalieswater.co.za) or call 014 597 4636

| Item No. | Description/Specification  |
|----------|--|
| 1.       | <p><b><u>REQUEST FOR QUOTATION</u></b></p> <p><b>1) Repair the Industrial network that consists of Auma Sima Master Station, Industrial repeaters and Schneider Electric PLC.</b></p> <p>a) Test the Modbus industrial network between the SIMA Master Station, Industrial network repeaters and Auma electric actuators.</p> <p>b) Replace or Repair the faulty network cable and Industrial repeaters.<br/>BOQ</p> <p>1) RD-48 LV, industrial repeater for RS 422/485 X 8</p> <p>2) Industrial network cable 01PRX24AWG OAM + TCB PVC GY120 X 500m</p> <p>c) Commission the entire industrial network</p> <p>d) Supply Omron KJGN- NDC 24VDC Digital panel meter x 2 (plant 4 HLPS pump-set no 2)</p> <p><b>2) Replace the current Schneider Electric Quantum PLC with Modicon PLC</b></p> <p>a) Supply, install, program and commission the PAC PLC.</p> <p>b) Link the Raw Water Chlorine dioxide plant PLC with PAC PLC (including remote IO's)</p> <p>c) Create a page on the SCADA for Raw Water Chlorine dioxide plant.</p> <p>d) Create a page for Pre –Chlorine dosing plant (equipment's to be shown chlorine Gas monitoring unit with chlorine tanks auto shut off system, load cells, chlorine tank bank A &amp; B change over switch, compressor, pressure transmitter for each bank, potable water flow meter, chlorine siren.</p> <p>e) Create a page for Post –Chlorine dosing plant (equipment's to be shown chlorine Gas monitoring unit with chlorine tanks auto shut off system, load cells, chlorine tank bank A &amp; B change over switch, compressor, pressure transmitter for each bank, potable water flow meter, chlorine siren.</p> <p>f) Supply Omron KJGN- NDC 24VDC Digital panel meter x 2 (plant 4 HLPS pump-set no 2)</p> <p><b>MANDANTORY</b></p> <p><b>A) INSTALLATION, CONFIGURATION AND COMMISSIONING</b></p> |

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|  | <p>Commissioning shall confirm good operation of the equipment by a qualified OEM (Original Equipment Manufacturer) Certified Professional/ Certified Engineer or OEM (Master Alliance partner) Certified Professional/ Certified Engineer with Schneider Electric Academy programs below</p> <p>PlantStructure TM certification Program (Certified Professional / PSX Engineer) and Vijeo Citect certification program (Certified Engineer) or EcoStruxture Plant Certified- Control System and EcoStruxture Plant Certified-Hybrid DCS.</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 24 months and workmanship on a carry-in basis for 12 months from the time the item was commissioned.</p> <p><b>B) SITE BRIEFING: COMPULSORY</b></p> <p><b>Venue : Vaalkop</b><br/> <b>Date : 08 August 2022</b><br/> <b>Time : 11H00 am</b></p> <p><b>C) SERVICE PROVIDER:</b></p> <p>CIDB Grading: 1EB or 1EP or higher<br/> Schneider Electric Master Alliance Partner on Control systems: PLC Modernization and Hybrid DCS</p> <p><b>D) PRODUCT LEAD TIME/ DELIVERY:</b><br/> Supplier to state expected equipment lead times. Letter from Original Equipment Manufacturer (OEM) or supplier. +/- 2 month</p> <p><b>E) SHE SPECIFICATION:</b></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 &amp; SHE department and kept onsite during the duration of the work which shall consists of the following items:</p> <ul style="list-style-type: none"> <li>• Baseline SHE Risk Assessments for work to be undertaken.</li> <li>• Method statement for work to be undertaken.</li> </ul> |
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|  | <ul style="list-style-type: none"> <li>• Proven competence of ability to conduct work (includes competence declaration, competence certificates, affiliations, testimonials, relevant standards and reference).</li> <li>• Organogram, CV's, Identity document and qualifications of service provider employees or contractors on site.</li> <li>• SHE training (includes induction, awareness training, as necessary while operating on Magalies Water premises), induction takes about 2 hours.</li> <li>• Provision and use of personal protective equipment.</li> <li>• Nonconformity/ Incident/ Accident/ Near-miss reporting requirements.</li> <li>• Covid 19 measures plan</li> <li>• Report to the end user number of employees on site and submit an attendance register.</li> </ul> |
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**1. Submission of Quotations**

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

Quotations should be submitted on email below. Email: [hezekiell@magalieswater.co.za](mailto:hezekiell@magalieswater.co.za)

**2. Selection of Qualifying Quotation**

The selection of the qualifying quotation will be at Magalies water's sole discretion.

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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.