



Requesting Office: Klipdrift water treatment plant	
Contact Person: Rockey keetse	
Contact Numbers: 082 887 2538	
Facsimile:	PLC
E-mail address: rockeyk@magalieswater.co.za	

DATE ISSUED: 02 June 2025

CLOSING DATE: 06 June 2025

**For more information regarding specification contact Thuso 082 884 2869.**

m	Description/Specification	Quantity Required
	<p>Specification is attached. Define the structures and datatypes of the PLC program in Ignition SCADA, Analyse the system, Map the variable tags in all the existing PLC listede above to the Ignition SCADA database</p> <p>* Select suitable communication protocol that allows Schneider PLC software and Ignition SCADA software to interface.</p> <p>*Configure all the existing PLC's listed above to establish communication link with the Ignition SCADA software. Map data points on all the existing PLC listed below to the new Ignition SCADA platform.</p> <p>*Develop a detailed graphical overview of the operational state of the entire Klipdrift Water Treatment Plant, with POPUP , alarm and trend pages. Automate the graphics on real time basis and with historical perspective.</p> <p>* List of PLC's to work On</p> <ul style="list-style-type: none"> <li>-Filter PLC's x 7</li> <li>- High lift pumps PLC's X 3</li> <li>- Clearwater sumps PLC's X 2</li> <li>- Moretele Pumps PLC's X 3</li> <li>- Ozone PLC's X 2</li> <li>- Recycle pumps PLC's X 2</li> <li>- Clhorine Dosing pumps PLC's X 2</li> <li>- Compressor PLC's X 2</li> <li>- Pienaars PLC's X 3</li> </ul>	

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<p>-Recovery PLC's X 3 - Canal PLC's X 3</p> <p><b>* NB: The SCADA Software shall be a complete package . No additional software shall be required from Magalies Water to configure or run all the features of the SCADA system.</b></p> <p><b>* The Contractor must have vast experience of Ignition SCADA Platform. All pumps and filters must be linked to the SCADA and controlled from the control room.</b></p> <p><b>* The contractor must submit a project plant together with the quotation The contractor must Ensure that the plant remains operational during the implementation of the project. The contractor is required to replace all the locked functional block for Motors, Valves and pumps in all the PLC's in the plant. Submit the tag list for all the PLC'S</b></p> <p><b>NB: SAFETY FILE WILL BE REQUIRED BEFORE STARTING THE JOB Compulsory site briefing to be held 03 June 2025 09:00 Klipdrift plant</b></p>	


### 1. SUBMISSION OF QUOTATIONS

Quotations should be submitted on or before the Request for Quotation Deadline Date by no later than 12h00.

### 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. DOCUMENTS REQUIRED

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

- Quotation must have CSD vendor number and submit CSD Report
- 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

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

#### 4. 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 lowest bid.

#### 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.