


Requesting Office: Magalies Water Head Office	 Magalies Water REQUEST FOR QUOTATION 10013698
Contact Person: Hezekiel Lukele	
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DATE ISSUED: 04 NOVEMBER 2020

CLOSING DATE: 12 NOVEMBER 2020

PLACE OF DELIVERY: Wallmansthal WTP

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

Item No.	Description/Specification
1	Supply, installation, maintenance and operation of a chlorine dioxide generator: A six months trial <u>Compulsory Briefing</u> Date :09 NOVEMBER 2020 Place :Wallmansthal WTP Time: 11:00AM See attached annexure A for specification

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 @12H00 to the email below:

Email: hezekiell@magalieswater.co.za

2. SELECTION OF QUALIFYING QUOTATION

The selection of the qualifying quotation will be at Magalies water's sole discretion. Magalies Water is under no obligation to accept any particular Quotation

3. EVALUATION

The quotation shall be evaluated for responsiveness as follows:-

3.1 REQUIREMENTS:

- 3.1.1 Submit a Valid certified B-BBEE Certificate/ Certified Sworn Affidavit
- 3.1.2 Completed and signed Declaration of Interest Form (SBD4)
- 3.1.3 State CSD Vendor number on the quotation
- 3.1.4 Quotation should state the physical address, contact details & Banking Details
- 3.1.5 The quotations will be evaluated in terms of the PPPFA using the 80:20 Preference point systems.

4. SPECIAL TERMS & CONDITIONS

- 4.1 Quotations received after the closing date will not be accepted.
- 4.2 All costs to be included in the quotation.
- 4.3 Delivery must take place at the specified place.
- 4.4 Quotations validity should be clearly stated on the quotation.

***NB Suppliers must be Tax Compliant on National Treasury Central Supplier Database at the time of the submission .Non- Tax compliant suppliers will not be considered**

GENERAL TERMS AND CONDITIONS OF PURCHASE FOR DIRECT PURCHASE ORDERS

1. Magalies Water must be notified in writing immediately if part or the whole of the order cannot be executed by the date stated in the order or any agreed variation thereof.
2. Delivery/Advice Notes quoting the relevant Magalies Water order number must accompany the goods/services.
3. An invoice in accordance with the order shall be delivered/posted to the address indicated in the order.
4. The word "Order" and the number allocated to the order 45.....by Magalies Water shall be quoted by the supplier on all correspondence, documents and packaging.
5. The risk of the goods shall remain with the supplier and shall only pass to Magalies Water after official written Magalies Water acceptance of the relevant Delivery Note.

6. Goods will only be received as regards to number and condition of packages. Inspection for compliance with Magalies Water requirements of the goods will take place within ten (10) days of delivery after which it will be accepted or rejected the risk and expense of the supplier until removal thereof.
7. Payment will be made within 30 days of date of statement and the acceptance of the goods by Magalies Water.
8. If the supplier fails to deliver the goods or render the service on or before the dates stated in the order, Magalies Water may reject such goods or service provided that ten (10) days' notice by telephone (to be confirmed in writing) has been given to the supplier.
9. Should the supplier fail to remedy the defective goods or service within ten (10) days Magalies Water may elect to cancel the order, return the defective goods and purchase the goods or acquire the service from another source. The supplier shall be liable for any additional cost
10. Only change in Value- Added Tax subsequent to the order date shall be for Magalies Water's account. No other variation in cost shall be for Magalies Water's account unless provided for in the quotation or tender and accepted by Magalies Water in writing
11. The order shall in all respect be construed in accordance with the laws of the Republic of South Africa and any competent South African court shall have jurisdiction in all disputes arising between the parties in regards thereto.
12. The supplier shall not assign or cede the order or any part thereof to any other person/organization without the written agreement of Magalies Water
13. The supplier undertakes to comply with the provisions of Section 10 and 22 of the Occupational Health and Safety Act. 85 of 1993, insofar as they may be applicable.
14. **THESE CONDITIONS OF PURCHASE ARE THE ONLY CONDITIONS APPLICABLE TO THIS ORDER UNLESS OTHERWISE STATED AND REDUCED TO WRITING**



Supply, installation, maintenance and operation of a chlorine dioxide generator: A six months trial

Request for Quotation (RFQ)

Scientific Services

Magalies Water, Scientific Services, Erf 3475, Stoffberg street, Brits, 0250, tel: 0123816602

October 2020

1 Project

This project is requesting for quotations from service providers who can supply, install, maintain and operate the chlorine dioxide generator for a period of six months. This will be a trial study at Wallmannsthal water treatment plant. The objectives of the trial are to:

- Ensure 100% disinfection of product water from Wallmansthal WTP
- Ensure correct dosing and monitoring chlorine residuals
- Ensure correct dosing of chemical and highlight the chlorine demand
- Demonstrate the operability of chlorine dioxide system for post chlorination
- Maintain and monitor the chlorine residuals in the reticulation system and afield
- Ensure conformance with SANS 241:2015 specifications in terms of THMs
- Prevent the growth of algae and biofilm in the reticulation system
- Demonstrate the viability of using chlorine dioxide for post-disinfection

2 Specification and deliverables

The quotation must make provisions for the following:

1. 1000g/h Generator,
2. Precursor chemicals should be HCl and Sodium Chlorite
3. Dosage – 0,5mg/L
4. Plant capacity – 12ML/d
5. Chlorine Dioxide Residual Analyser,
6. Flow Meter (Flow Proportional Dosage),
7. PLC with Remote Monitoring
8. All piping and connections
9. Tanks – visual levels, level switch, signage, and banding of chemical tanks.
10. Full maintenance plan for the trial period.
11. Technicians to install, operate and assist with the trial.
12. Quality controls and assurance measures.

Note: should the trial not yield the expected results, the trial will be abandoned with immediate effect.

3 Evaluation

The tender evaluation method for the evaluation of all responsive RFQ offers will be Method 2: Functionality, Price and preference.

3.1 Mandatory requirements

3.1.1 The Project Manager should be registered with ECSA or SACNASP as a professional in Chemical or chemistry or related. The Project Manager to submit Proof of registration and qualifications.

3.1.2 Compulsory briefing to be attended by the prospective bidder.

- 3.1.3 Submit a Valid certified B-BBEE Certificate/ Certified Sworn Affidavit
- 3.1.4 Completed and signed, Local Content and Declaration of Interest Form-SBD4
- 3.1.5 State CSD Vendor number on the quotation
- 3.1.6 Quotation should state the physical address & contact details
- 3.1.7 The quotations will be evaluated in terms of the PPPFA using the 80:20 Preference point systems.

3.2 Functional selection criteria

Functionality will be scored out of 100 points. A tenderer who scores less than 70% for Functionality, that is, less than 70 points will automatically be disqualified.

Functionality will include the following:

- Company Experience;
- Key Personnel Experience including registration with professional body;
- Submission of a project schedule;

Note: The minimum threshold for functionality is **60%**. No bids that fail to achieve the minimum Threshold will be considered for further evaluation on Price and BBBEE. The table below shows the Functionality Points.

Bidder to submit the relevant documentation to substantiate submission.

Category	Category weighting	Measuring elements	Element weighting
Experience	5%	CV, with more than 5 years' experience	5%
		CV with less than 5 years' experience	2%
		No CV and experience attached	0%
Qualifications	10%	BSc/B.Eng or BTech Chemical or related	10%
		BSc/B.Eng or BTech - No Pr. Eng/Tech/Sci Chemical/ Chemistry or related	0%
Reference letters	10%	No letter of completion	0%
		One letter of similar project completion	1%
		Two letters of similar project completion	2%
		Three letters of similar project completion	5%
		Greater than 5 letters of similar project completion	10%
SHE	5%	Availability of safety plan for assembling and operation	5%
		No safety plan for construction	0
Methods statement			
Trial plant	45%	Should have the capacity to produce 1000g/h of chlorine dioxide.	15%
		The design should be compatible to what is existing in our plants.	15%

		Should have hydraulics that conforms to what our plants could produce.	15%
Product water	5%	Demonstration of results from online analyzers for selected parameters	5%
Operation and maintenance	15%	Service guarantee	5%
		Commitment to offer more than 6 months warrant	5%
		Proof of spares availability, maintenance service and support.	5%
		Reference for continuous system performance.	5%
Total	100		

4 Health and Safety Requirements

- Baseline SHE Risk Assessments for work to be undertaken
- Method Statements for work to be undertaken
- Environmental Management Plan / Safety Plan
- Emergency plans
- Proven competence of ability to conduct work (Includes competence declaration, competence certificates, affiliations, testimonials, and references)
- SHE training (includes induction, competence and awareness training, as necessary whilst operating under Magalies Water's control)
- Overview of infrastructure, plant, equipment and materials to be used by the contractors
- Arrangements for storage, handling and disposal of wastes generated by contractors
- Security arrangements
- Nonconformity/Incident/accident/near-miss reporting requirements
- Contract and SHE expectations
- Provision and use of personal protective equipment (PPE)
- Letter of good standing

The contractor must submit a safety file with project specific documents NOT generic. The file needs to be approved by Magalies Water SHE Department.

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-
 - the bidder is employed by the state; and/or
 - the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

2. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**
 - 2.1 Full Name of bidder or his or her representative:

 - 2.2 Identity Number:

 - 2.3 Position occupied in the Company (director, trustee, shareholder²):

 - 2.4 Company Registration Number:

 - 2.5 Tax Reference Number:

 - 2.6 VAT Registration Number:

 - 2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below.

1"State" means –

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

2"Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

2.7 Are you or any person connected with the bidder **YES / NO**
presently employed by the state?

2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member:

Name of state institution at which you or the person
connected to the bidder is employed :

Position occupied in the state institution:

Any other particulars:
.....
.....
.....

2.7.2 If you are presently employed by the state, did you obtain **YES / NO**
the appropriate authority to undertake remunerative

work outside employment in the public sector?

2.7.2.1 If yes, did you attached proof of such authority to the bid document? YES / NO

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.

2.7.2.2 If no, furnish reasons for non-submission of such proof:

.....
.....
.....

2.8 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months? YES / NO

2.8.1 If so, furnish particulars:
.....
.....
.....

2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid? YES / NO

2.9.1 If so, furnish particulars.
.....
.....
.....

2.10 Are you, or any person connected with the bidder, YES/NO
 aware of any relationship (family, friend, other) between
 any other bidder and any person employed by the state
 who may be involved with the evaluation and or adjudication
 of this bid?

2.10.1 If so, furnish particulars.

2.11 Do you or any of the directors / trustees / shareholders / members YES/NO
 of the company have any interest in any other related companies
 whether or not they are bidding for this contract?

2.11.1 If so, furnish particulars:

3 Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	Personal Tax Reference Number	State Employee Number / Persal Number

4 DECLARATION

I, THE UNDERSIGNED (NAME).....

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 23 OF THE GENERAL CONDITIONS OF CONTRACT SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....

.....

Signature

Date

.....

.....

Position

Name of bidder

May 2011