



TENDER NO: RFB/MW/SS-07/2026-27/01

**SUPPLY, DELIVERY, INSTALATION AND COMMISIONING OF
INDUCTIVELY COUPLED PLASMA- OPTICAL EMISSION
SPECTROSCOPY (ICP-OES) FOR WATER, WASTEWATER,
SOIL/SLUDGE, SALINE WATER, BOILER WATER ANALYSIS**

ISSUED BY:

MAGALIES WATER
38 HEYSTEK STREET
RUSTENBURG
0300

PREPARED BY:

SUPPLY CHAIN MANAGEMENT UNIT
MAGALIES WATER
38 HEYSTEK STREET
RUSTENBURG
0300

Tender Queries:

Contact Name: Rabelani Mulaudzi

Telephone: 014 597 4636

Technical Queries:

Contact Name: Mulalo Nkhumeleni

Telephone: 012 381 6600

NAME OF TENDERER.....

BID PRICE OFFERED.....

VIRTUAL COMPULSORY BRIEFING SESSION: 22 JULY 2026 @ 10:00AM

CLOSING DATE AND TIME: 07 AUGUST 2026 at 12:00PM

BID BOX LOCATION: 38 HEYSTEK STREET, RUSTENBURG, 0299

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SECTION 1

SBD 1

PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)					
BID NUMBER:	RFB/MW/SS/-07/2026-27/01	CLOSING DATE:	07 AUGUST 2026	CLOSING TIME:	12:00
DESCRIPTION	SUPPLY, DELIVERY, INSTALATION AND COMMISIONING OF INDUCTIVELY COUPLED PLASMA- OPTICAL EMISSION SPECTROSCOPY (ICP-OES) FOR WATER, WASTEWATER, SOIL/SLUDGE, SALINE WATER, BOILER WATER ANALYSIS				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
Magalies Water Building, 38 Heystek Street					
Rustenburg					
0300					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	R.MULAUDZI		CONTACT PERSON	M NKHUMELENI	
TELEPHONE NUMBER	014 597 4636		TELEPHONE NUMBER	014 597 4636	
FACSIMILE NUMBER	N/A		FACSIMILE NUMBER	N/A	
E-MAIL ADDRESS	rabelanim@magalieswater.co.za		E-MAIL ADDRESS	mulalonk@magalieswater.co.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE A BRANCH IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

**PART B
TERMS AND CONDITIONS FOR BIDDING**

1. BID SUBMISSION:
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
2. TAX COMPLIANCE REQUIREMENTS
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:
(Proof of authority must be submitted e.g. company resolution)

DATE:



**PRICING SCHEDULE – FIRM PRICES
(PURCHASES)**

NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of bidder.....	Bid number.....
Closing Time 11:00	Closing date.....

OFFER TO BE VALID FOR.....DAYS FROM THE CLOSING DATE OF BID.

ITEM NO.	QUANTITY	DESCRIPTION	BID PRICE IN RSA CURRENCY ** (ALL APPLICABLE TAXES INCLUDED)
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-
- Required by:
 - At:
 - Brand and model
 - Country of origin
 - Does the offer comply with the specification(s)? *YES/NO
 - If not to specification, indicate deviation(s)
 - Period required for delivery
 - *Delivery: Firm/not firm
 - Delivery basis

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

** "all applicable taxes" includes value- added tax.

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

3 DECLARATION

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure.
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect.
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature	Date
.....
Position	Name of bidder

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all the invited bids. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

(delete whichever is not applicable for this tender).

- a) The applicable preference point system for this tender is the 80/20 preference point system.
- b) Either the 90/10 or 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
SPECIAL GOALS	20
Total points for Price and specific goal must not exceed	100

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) “**tender**” means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) “**price**” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) “**rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) “**tender for income-generating contracts**” means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) “**the Act**” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

4. POINTS AWARDED FOR PRICE

4.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \\ Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) & \mathbf{or} & Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) \end{array}$$

Where

- Ps = Points scored for price of bid under consideration
- Pt = Price of bid under consideration
- Pmin = Price of lowest acceptable bid

4.2 FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME-GENERATING PROCUREMENT

4.3 POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \\ Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) & \mathbf{or} & Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) \end{array}$$

Where

- Ps = Points scored for price of bid under consideration
- Pt = Price of bid under consideration
- Pmax = Price of highest acceptable bid

5. POINTS AWARDED FOR SPECIFIC GOALS

5.1 In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

5.2 In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, If it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of— it is unclear whether the 80/20 or 90/10

preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

Specific goal	Number of points (80/20 system)	Means of verification
Black people ownership equity	5	Central Supplier Database (CSD) report
Women equity	3	Central Supplier Database (CSD) report
Youth equity	2	Central Supplier Database (CSD) report
Disability	2	Medical certificate or (CSD)
Promotion of small businesses Medium- 2 Points Small- 3 Points Micro- 4 Points Other- 0 Points	4	Signed Financial Statements for transactions above R500 000.00
Locality	3	Proof of address (tribal authority letter, municipal rates invoice/statement / Lease agreement accompanied by municipal rates invoice/statement)

5.2.1 An invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

5.2.2 any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

Application of preference point system for Quotation & Tender procurement of below 50million.

DECLARATION WITH REGARD TO COMPANY/FIRM

5.3 Name of company/firm:.....

5.4 Company registration number:.....

5.5 TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
 - One-person business/sole propriety
 - Close corporation
 - Public Company
 - Personal Liability Company
 - (Pty) Limited
 - Non-Profit Company
 - State Owned Company
- [TICK APPLICABLE BOX]

5.6 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 2, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the specific goals has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person’s conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution.

..... SIGNATURE(S) OF TENDERER(S)	
SURNAME AND NAME:
DATE:
ADDRESS:



POPIA consent by the Bidder

Magalies Water undertakes to process the personal information of the Bidder, and any related information supplied only in accordance with the conditions of lawful processing as set out in terms of POPIA and only to the extent that it is necessary to evaluate the tender document and within the framework of the Procurement process.

The bidder acknowledges that the collection of personal information is only for the evaluations process of the tender document.

The bidder irrevocably and unconditionally agrees-

- That he/she is notified of the purpose and reason for the collection and processing of such information in so far as it relates to the tendering and evaluation process,
- That he/she consents and authorizes Magalies Water to undertake the collection, processing, and further processing of the bidder's personal information and any information supplied to Magalies Water, for the purposes of evaluating the tender document.

The bidder gives and authorizes this consent unconditionally for Magalies Water to lawfully process their personal information solely to evaluate the tender document

Thus, Done and Signed at

On This Day Of

2026

The Director / CEO Name and Surname.

Witnesses _____ **(Signature)**

Witnesses _____ **(Signature)**

SECTION 2
GENERAL CONDITIONS OF PROPOSAL

1. Proprietary Information

Magalies Water (MW) considers this Request for Proposal (RFP) and all related information, either written or verbal, which is provided to the respondent, to be proprietary to MW. It shall be kept confidential by the respondent and its officers, employees, agents and representatives. The respondent shall not disclose, publish, or advertise this RFP or related information to any third party without the prior written consent of MW.

2. Enquiries

2.1 All communication and attempts to solicit information of any kind relative to this RFP should be channeled **in writing** to:

Name: Magalies Water

Telephone: 014 597 4636

3. E-mail: tenders@magalieswater.co.za. Cc rabelanim@magalieswater.co.za.

3.1 Virtual Compulsory tender briefing shall be on the **22 JULY 2026 @ 10:00**

3.2 Enquiries in relation to this RFP will not be entertained 5 days before **closing date**.

3.3 The enquiries will be consolidated, and MW will issue one response, and such response will be posted, within five (5) days before the closing date.

3.4 The MAGALIES WATER may respond to any enquiry in its absolute discretion and the bidder acknowledges that it will have no claim against MW on the basis that its bid was disadvantaged by lack of information, or inability to resolve ambiguities.

4. Bid Validity Period

Responses to this RFP received from bidders will be valid for a period of **120** days counted from the bid closing date.

5. Instructions on submission of Bids

Bids should be submitted as follows:

- One (1) **original**
- One (1) **signed copy** and
- One (1) **electronic copy on CD/USB in PDF format**

The bid documents must be placed in the bid box at the Main Reception area:

Magalies Water Building, 38 Heystek Street, Rustenburg, 0300 by no later than 12:00PM on 07 AUGUST 2026

- 5.1 Bids must be submitted in the prescribed response format, herein reflected as Response Format
- 5.2 The bid closing date, bidder name and the return address must also be endorsed on the bid document.
- 5.3 If a courier service company is being used for delivery of the bid response, the bid description must be endorsed on the delivery note/courier packaging, and the courier must ensure that documents are placed/deposited into the bid box. **Magalies Water (MW) will not be held responsible for delays in handing bid documents to the MW Receptionist.**
- 5.4 No bid response received by telegram, telex, email, facsimile or similar medium will be considered.
- 5.5 Where a bid response is not in the bid box at the time of the bid closing, such a bid document will be regarded as a late bid. **It is the MW's policy not to consider late bids for tender evaluation.**
- 5.6 Amended bids may be sent in an envelope marked "Amendment to bid" and should be placed in the bid box before the closing time.

6. Preparation of Bid Response

- 6.1 All the documentation submitted in response to this RFP must be in English.
- 6.2 The bidder is responsible for all the costs that it shall incur related to the preparation and submission of the bid document.
- 6.3 Bids submitted by bidders which are or are comprised of companies must be signed by a person or persons duly authorized thereto by a resolution of the applicable Board of Directors, a copy of which Resolution, duly certified, must be submitted with the bid.
- 6.4 The bidder should check the numbers of the pages of its bid to satisfy itself that none are missing or duplicated. No liability will be accepted by MW in regard to anything arising from the fact that pages of a bid are missing or duplicate
- 6.5 The bid response must include A valid tax clearance certificate or SARS Pin number.
- 6.6 A copy(s) of valid and current certificates from the professional organizations/ bodies that the bidder is affiliated to or a member of, must be included in the bid response.

7. Supplier Performance Management

Supplier Performance Management is viewed by MW as a critical component in ensuring value for money acquisition and good supplier relations between MAGALIES WATER and all its suppliers.

The successful bidder shall upon receipt of written notification of an award, be required to conclude a Service Level Agreement (SLA) with MW, which will form an integral part of the supply agreement. The SLA will serve as a tool to measure, monitor and assess the supplier's performance and ensure effective delivery of service, quality and value-add to MW's business.

8. MW's Rights

- 8.1 MW is entitled to amend any bid conditions, bid validity period, RFP specifications, or extend the bid closing date, all before the bid closing date.
- 8.2 MW reserves the right not to accept the lowest priced bid or any bid in part or in whole. It normally awards the contract to the bidder who proves to be fully capable of handling the contract and whose bid is functionally acceptable and/or financially advantageous to MW.
- 8.3 MW reserves the right to award this bid as a whole or in part.

8.4 MW reserves the right to conduct site visits at bidder's corporate offices and / or at client sites if so required.

9. Undertakings by the Bidder

9.1 By submitting a bid in response to the RFP, the bidder will be taken to offer / render all of the services described in the bid response submitted by it to MW on the terms and conditions and in accordance with the specifications stipulated in this RFP document.

9.2 The bidder shall prepare for a possible presentation should MW require such and the bidder shall be notified thereof in good time before the actual presentation date. Such presentation may include a practical demonstration of products or services as called for in this RFP.

9.3 The bidder agrees that the offer contained in its bid shall remain binding upon them and receptive for acceptance by MW during the bid validity period indicated in the RFP and

9.4 calculated from the bid closing time and date such offer and its acceptance shall be subject to the terms and conditions contained in this RFP document read with the bid.

9.5 The bidder furthermore confirms that he/she has satisfied himself/herself as to the correctness and validity of his/her bid response; that the price(s) and rate(s) quoted cover all the work/item(s) specified in the bid response documents; and that the price(s) and rate(s) cover all his/her obligations under a resulting contract for the services contemplated in this RFP; and that he/she accepts that any mistakes regarding price(s) and calculations will be at his/her risk.

9.6 The successful bidder accepts full responsibility for the proper execution and fulfillment of all obligations and conditions devolving on supplier under the supply agreement and SLA to conclude with MW, as the principal(s) liable for the due fulfillment of such contract.

9.7 The bidder accepts that all costs incurred in the preparation, presentation and demonstration of the solution offered shall be for the account of the bidder. All supporting documentation and manuals submitted with its bid will become MW property unless otherwise stated by the bidder/s at the time of submission.

10. Reasons for disqualification

10.1 MW reserves the right to disqualify any bidder who does any one or more of the following, and such disqualification may take place without prior notice to the offending bidder, however, the bidder will be notified in writing of such disqualification:

10.1.1 bidders who submit incomplete information and documentation according to the requirements of this RFP document.

- 10.1.2 bidders who submit information that is fraudulent, factually untrue or inaccurate information.
- 10.1.3 bidders who receive information not available to other potential bidders through fraudulent means.
- 10.1.4 bidders who do not comply with **mandatory requirements** stipulated in the RFP document; and/or
- 10.1.5 bidders who fail to attend a compulsory briefing session stipulated in the tender advert and/ or in this RFP document.
- 10.1.6 Late bids will not be accepted for consideration.
- 10.1.7 Bidders who are not registered with the **National Treasury Central Supplier Database (CSD)** at the time of bidding will not be considered during the evaluation process.

11. Evaluation Criteria

Stage 1A: Administrative Requirements

- The bidder should submit National Treasury Report/ NTCSD registered Vendor no.
- Completion and signing of all Standard Bidding Documents
- Submission of Authority for Signatory
- Pricing schedule must be filled completely with permanent ink, preferably black ink.

Stage 1B: Mandatory Requirements

- Valid COIDA Certificate
- Compulsory briefing session attendance.
- Submission of an electronic copy in the form of USB
- Signing and completion POPIA consent form
- Reference letters to be provided from past clients with whom ICP-OES have been supplied and commissioned.
- *Original Equipment Manufacturer Certificate or letter from the manufacturer indicating the equipment's capabilities of analyzing all the below:

Aluminum
Barium
Boron
Cadmium
Chromium
Cobalt
Copper
Iron
Lead
Manganese
Nickel
Zinc
Antimony
Selenium
Vanadium
Potassium

Sodium
calcium
Magnesium

NB- Failure to comply with any of the requirements above (Mandatory Requirements) will lead to disqualification of bids.

Note: If a bidder is a Consortium, Joint Venture, or Prime Contractor with Subcontractor(s), the documents listed above are to be submitted for each Consortium/ JV member or Prime Contractor and Subcontractor(s).

***In the event where the bidder is a JV, the Original Manufacturer Certificate/letter will need to be submitted as a collective. This implies that one of the members of the JV should submit and not all members.**

Phase 2: Evaluation Criteria and Weightings

Criteria			Max Points
1. <u>Technical Capabilities</u> Evaluation and comparison of Method Detection Limit (MDL) for the equipment based on the components below. Supplied MDL on Original Equipment Manufacturer brochure will be evaluated, and based on the Lowest capable detection, the scores below will apply:			30
Analyte	Units	Method Detection Limits	
Aluminum	ppb	0,00-3,3	
Barium	ppb	0,00-0,08	
Boron	ppb	0,00-1,1	
Cadmium	ppb	0,00-0,33	
Chromium	ppb	0,00-0,55	
Cobalt	ppb	0,00-0,88	
Copper	ppb	0,00-0,99	
Iron	ppb	0,00-0,66	
Lead	ppb	0,00-5,83	
Manganese	ppb	0,00-0,10	
Nickel	ppb	0,00-1,32	
Zinc	ppb	0,00-0,33	
Antimony	ppb	0,00-11	
Selenium	ppb	0,00-11	
Vanadium	ppb	0,00-0,77	
Potassium	ppm	0,00-10,78	
Sodium	ppm	0,00-2,97	
Calcium	ppm	0,00-0,02	
Magnesium	ppm	0,00-0,02	
➤ 1st Place (Overall percentage distribution (100%))			30
➤ 2nd Place (Overall percentage distribution (75-99%))			20
➤ 3rd Place (Overall percentage distribution (50%-74%))			10
➤ 4th Place (Overall percentage distribution (<50%))			0
2. <u>Experience of the Company, Delivery Capacity, and Capability</u>			30

The bidder provides a clear indication that the organization can deliver on the project's requirements.		
a). Number of projects completed by the organization of similar magnitude for the supply and commissioning of an inductively coupled plasma- optical emission spectroscopy (ICP-OES) for water, wastewater, soil/sludge, saline water, boiler water analysis. Purchase Order and Certificate of Completion provided as Portfolio of Evidence.		
	➤ Zero Projects completed	0
	➤ One to three Projects completed	20
	➤ Four or more Projects completed and above	30
b). Required NQF 7 tertiary qualifications certificates of the technical team in the relevant field of Instrumentation, Electronics, or Chemical/Natural Sciences/Engineering.		10
	➤ No member's Qualification Certificate	0
	➤ One to three member's Qualification Certificate	5
	➤ Four or more members' Qualification Certificates and above	10
c). Letter of appointment from the manufacturer specifying that the instrument supplied is a recent model.		20
	➤ Supplied model zero to 3 years old	20
	➤ Supplied model 4 to five years	10
	➤ Supplied model greater than 5 years	0
3). <u>References</u> Reference letters to be provided from past clients with whom an inductively coupled plasma-optical emission spectroscopy (ICP-OES) has been supplied and commissioned.		10
	➤ No reference	0
	➤ One to three references	5
	➤ Four or more references	10

The functionality will be scored out of 100 points.

NB: A Tenderer who scores less than 70% for Functionality, that is, less than 70 points, will automatically be disqualified and will not be evaluated further

Stage 3: Financial Offer and Preference

All bids that achieved the minimum threshold for functionality (acceptable bids) will be evaluated further in terms of the 80/20 preference point system, as follows:

CRITERIA	POINTS
Price	80
Specific Goal	20
TOTAL	100 Points

Application of the preference point system for Quotation & Tender procurement of below 50million.

Specific goal	Number of points (80/20 system)	Means of verification
Black people ownership equity	5	Central Supplier Database (CSD) report
Women equity	3	Central Supplier Database (CSD) report
Youth equity	2	Central Supplier Database (CSD) report
Disability	2	Medical certificate or (CSD)
Promotion of small businesses Medium- 2 Points Small- 3 Points Micro- 4 Points Other- 0 Points	4	1. Central Supplier Database (CSD) report for transactions from rand value to R500 000.00. 2. Signed Financial Statements for transactions above R500 000.00
Locality Within 100km radius of where goods/service is required	3	Proof of address (Municipal rates, invoice or statement of account, tribal authority letter or Lease agreement accompanied by municipal rates invoice/statement)
Military Veterans (MVA)	1	MVA force number/CSD
Total	20	

NB: For JV, consortium and partnerships, agreement should be attached for points allocations.

Locality -The nearest partner will be considered for points allocation

SECTION 3

FUNCTIONAL SPECIFICATION REQUIREMENTS

1. Special Instructions to Bidders

- 1.1 Should a bidder have reasons to believe that the Functional Specification Requirements are not open/ fair and/or are written for a particular brand or product or service provider, the bidder must notify MW Procurement within five (5) days after publication of the RFP.
- 1.2 Bidders shall provide full and accurate answers to the questions posed in this RFP document and **must** substantiate their response to all questions, including full details on how their proposal/solution will address specific functional/ technical requirements; failure to substantiate will disqualify the bidder as non-responsive. All documents as indicated should be supplied as part of the bid response.
- 1.3 Failure to comply with **Mandatory Requirements** will disqualify the bidder as non-responsive

2. Background

- 2.1 Magalies Water is a state-owned business enterprise that operates within the South African legislation parameters of the Water Service Act 108 of 1997, Public Finance Management Act 1 of 1999, and Public Audit Act 25 of 2004. The primary function of Magalies Water is to supply treated water in bulk to its municipal, industrial, and mining customers.
- 2.2 Magalies Water is a Schedule 3B public entity established in terms of the Public Finance Management Act (PFMA) and in terms of the Water Services Act 108 of 1997 (the Act), which stipulates the mandate of water boards. These are summarized as follows:
 - a) To provide bulk water services as the primary activity in terms of Section 29 of the Water Services Act 108 of 1997;
 - b) And other activities in terms of Section 30 of Water Services Act 108 of 1997;
- 2.3 Magalies Water is actively involved in project management and implementation of projects on behalf of Municipalities and the Department of Water and Sanitation (as implementing agents). Magalies Water often requires the services of capable service providers to play the role of consulting engineer on behalf of Magalies Water in projects requiring construction, refurbishment, evaluation, and or capital projects implementation.

3. SCOPE OF WORK/ TERMS OF REFERENCE

The following will be expected from the service provider:

1. Implement and manage all logistics necessary for the procurement, transportation, delivery, installation, optimization, and after-care maintenance of the instrument.
2. Technical specifications for an inductively coupled plasma-optical emission spectrometer (ICP-OES)

SPECTROMETER:

- 1) The instrument must be a Dual Viewing (Axial and Radial viewing), simultaneous reading ICP using a solid-state detector for increased efficiency.
- 2) Plasma viewing - Dual-viewing optics radially or axially.). The selection of axial or radial viewing must be fully software-controlled with automated adjustment (optimization) of the plasma alignment in both the vertical and horizontal directions. The radial View must be full range allowing from at least 10-25 mm above the flat plates or load coil to reduce or eliminate the Easily Ionized Element (EIE) effect.
- 3) The instrument must have an Echelle-based Spectrometer. The entire optical system must be purged. Standard purge rate and boost purge for determinations made at wavelengths below 185nm. and the gas flows must be controlled by the system controller.
- 4) The spectrometer must cover the full spectral range of 165 - 800 nm. The resolution of the system must be at least 0.006 nm at 200 nm. The resolution must be consistent whether the edge or the centre of the grating is used. The instrument must be able to determine all desired elements, with multiple wavelengths per element, axially and/or radially. It must also be able to deselect (but not delete) selected wavelengths from a method prior to measurement.
- 5) The entire optical system must be enclosed in a purged optical enclosure. The optical enclosure must be mounted on the same large optical bench as the sample-introduction system. The optical bench must be shock-mounted to the frame of the instrument so that normal floor vibrations do not affect system performance
- 6) The optical system shall have real time wavelength stability correction; keep peaks centered at all times. Automatically adjusting for any thermal or pressure shifts.
- 7) Should include a computer-controlled, pneumatically operated shutter that automatically opens and closes for each sample, protecting the first transfer mirror from long exposures to the intense UV radiation of the plasma, extending the useful lifetime of the mirror.
- 8) Must include an air drier assembly.

SYSTEM DETECTOR:

- 9) The instrument must use a detector that is optimized for performance across the entire emission spectrum. This detector must be a charge coupled device.
- 10) Each detector pixel must have anti-blooming protection to enable the simultaneous measurement of trace level analytes in the presence of major matrix constituents.
- 11) The detector must be cooled by a Peltier device to minimize detector dark current thereby enhancing instrument performance and detection limits.
- 12) The instrument must adjust integration times for intense and trace signals.

RF GENERATOR:

- 13) The RF generator must totally be solid-state at a frequency at 27 or 40 MHz. The generator must have an optimal power output range of 750- 1600 watts and be computer controllable in 1-watt increments and not utilize any power amplifier (PA) tubes. The RF generator must have power transfer efficiency into the plasma of at least 80% and a power output stability of 0.1% or better. The compact RF supply must meet all certification and regulatory requirements.
- 14) Prefer an incorporate maintenance free Flat Plate™ plasma technology, which prevents sample and vapors from escaping around the outside.
- 15) Instrument start-up and shut down must be computer controlled and totally automated.

If the RF power fluctuates, the system must be able to automatically increase the stabilization time prior to starting an analysis.

FLOW CONTROLS:

- 16) Plasma gas flows must be computer controlled at flows of 0-20 L/min in 1L/min increments.
- 17) Auxiliary gas flows must be computer controlled at flows of 0-2.0 L/min in 0.1 L/min increments.
- 18) The nebulizer argon flow must be computer controlled using a mass-flow controller and be variable from 0 - 2.00 L/min in 0.01 L/min increments.

ICP SYSTEM:

- 19) The instrument should be a bench-top model.
- 20) The instrument must be able to operate in laboratory conditions that range from 15 - 35°C and a relative humidity of 20 - 80% non-condensing.
- 21) The instrument must monitor gas pressures and flows, interlocks, water flows,

and plasma stability. The interlocks must be continuously monitored and if any interlock is interrupted, the plasma must shutdown automatically.

- 22) The system must include a water recirculation.
- 23) The recirculator must not be mounted to the instrument chassis and have the ability to be situated at a distance from the instrument.
- 24) Viewing of the plasma must be computer controlled, also offering flexibility of variable viewing height in Radial mode of operation.
- 25) The plasma torch must be mounted axially and be of a demountable design to allow for replacement of only the worn out component.
- 26) The instrument should have a compressed air shear gas to cut off the cool end of the axial plasma to reduce material deposition on the entrance optic, as well as to reduce self-absorption and physical interferences. Other interface designs must be able to tolerate >5% total dissolved solids, do not require replacement, and maintenance.
- 27) The system must include a computer controlled, pneumatically operated shutter system that shields the detector between samples from long exposures to UV radiation.
- 28) Instrument start-up and shut down must be computer controlled and totally automated.
- 29) The instrument must not use any gases when turned off and be ready for analysis within 10 minutes from a cold start.
- 30) The instrument peristaltic pump must not exert excessive pressure on the peristaltic pump tubing when turned off.
- 31) The instrument must be able to run organic as well as aqueous matrices. Organic matrices include oil, MIBK, Kerosene, and Hexanes. The bidder needs to include the system in the quote.

SAMPLE INTRODUCTION SYSTEM:

- 32) The instrument must include a Cyclonic Spray chamber and concentric nebulizer or a Ryton Scott design spray chamber with cross-flow nebulizer.
- 33) The system must be able to accommodate commercially available, specialty nebulizers and spray chambers manufactured by third parties for maximum analytical flexibility.
- 34) The torch must be mounted axially to the instrument optical path.
- 35) The torch must be able to be adjusted for plasma viewing while the plasma is lit.
- 36) The operator must be able to change torch injectors without having to remove the torch assembly from the instrument. The instrument must include a quick-

change torch module so the torch can be removed or changed quickly without excessive torch alignment. The sample-introduction cassette should allow adjustment (with the plasma on) for maximum performance in different matrices. No tools must be required for torch or sample-introduction cassette removal.

- 37) The system must include a variable speed, computer controlled peristaltic pump. The pump must have three channels to allow for on-line addition of internal standards.

INSTRUMENT CONTROLLER:

- 38) The instrument controller must be a minimum of an industry standard PC that Windows® 11 (64-bit)
- 39) The controller must include at least a USB and a DVD-Drive
- 40) The controller must have a hard disk that will hold at least 160 GBytes of information.
- 41) The controller must have a minimum of a 24" flat panel multimedia monitor and a DeskJet printer.
- 42) The controller must have Windows 11 loaded.

SOFTWARE:

- 43) The instrument controlling software must be 64-bit running under Microsoft Windows 11.
- 44) Software must have password security that provides selected access to different parts of the software (such as methods, spectral interference correction tables, routine operations, and data management).
- 45) Software must be designed according to the requirements of regulated labs.
- 46) Must be able to append a method to an auto sampler run after the run has begun and during a run
- 47) Software must allow users to be able to easily change instrument parameters (such as number of replicates) without creating a new method prior to measurement to facilitate methods development efficiencies.
- 48) The software must allow for Priority samples to be inserted at any time during an analysis without stopping the actual sequence. Must also allow many samples to be appended into a run without interrupting the run.
- 49) Software MUST be able to save spectra and a copy of the exact method used for their acquisition for traceability requirements in accredited laboratories.
- 50) Exact Methods must be retrievable from results saved even if methods were deleted or modified under the same name at a later time.

- 51) The software must be able to display all of the peaks from an analysis simultaneously.
- 52) The instrument must be able to read both background and emission data simultaneously and allow for automatic background correction.
- 53) All raw data must be saved and the system must allow for post run reprocessing of data.
- 54) The software must allow for at least 5 calibration standards and blanks.
- 55) The software must be able to display calibration curves for all of the elements analyzed during or any time after the run.
- 56) Calibration curves must be stored and be able to be recalled or modified for later use.
- 57) Calibration equations must include linear, weighted linear, non-linear, linear and nonlinear bracketing, and forced through blank options.
- 58) The software must have a library of analytical wavelengths containing all the major wavelengths for all elements.
- 59) The instrument must have the ability to do two forms of spectral interference correction. Traditional Interfering Element Corrections (IEC) must be available and the system must be able to calculate these values automatically. The system must also have advanced peak deconvolution algorithms to help correct for severely structured background.
- 60) IEC factors must recalculate automatically when background correction point are changed eliminating the need to re-acquire the IEC data. QC capability must include at least 20 QC checks, multiple sample calculations including duplicates and dilution calculations, multiple spike calculations, as well as the ability to design custom QC protocols.
- 61) Must include a Continuous graphics mode
- 62) Must include a detection limit diagnostic that is a one button diagnostic that causes measurements of blanks and calculations of detection limits number of replicates and standard deviation multipliers should be fully user programmable.
- 63) Must include Plasma Camera By offering continuous viewing of the plasma,
- 64) The instrument must have analytical linearity in excess of 9 orders of magnitude using alternate wavelengths and/or dual view.

MISCELLANEOUS:

- 65) The instrument must be new and a model currently in production. Refurbished or demonstration instruments are not acceptable.

- 66) The instrument must include a water recirculatory that is separate from the instrument chassis and can be placed away from the instrument.
- 67) The autosampler must have total random-access capabilities. Specify number of samples and standards that can be accommodated.
- 68) -The complete site preparation, mounting, and installation has to be carried out by the supplier. Therefore, Vendor should quote appropriate fume hood in complete including exhaust fan suitable for the ICP system.
- 69) Installation and commissioning should be completed within three months from the date of awarding the tender.
- 70) Full instrument onsite warranty of three years which also covers the supply of spare parts and option of further warranty, from the date of installation.
- 71) The supplier should commit to meet the supply of spare parts for at least ten years of satisfactory operation and necessary declaration in this regard should be provided.
- 72) Instrument training (a minimum of five days) should be provided to the operation and satisfaction level at the time of installation.

CONDITIONS OF APPOINTMENTS

- 1) The bidder will complete all the sections; if not, the proposal will be automatically disqualified.
- 2) The bidder will supply the brochures of the quoted system.
- 3) Successful bidder will be able to maintain and supply parts to the equipment for at least ten years from the date of purchase. This guarantee must be available as a published document and included in the bid submission. A single vendor will provide the system and all its components and will include the availability of service and support through an available telephone number and email address.
- 4) The bidder will provide all the cables, plugs, and connections (e.g., gas) required for installation.
- 5) Instrument training (a minimum of five days) should be provided to the operation and satisfaction level at the installation time.

11.1 CONTRACT

The contract to be used for this tender will be the MAGALIES WATER Service Level Agreement (SLA), which will be a binding contract between MAGALIES WATER and the successful bidder.

11.2 PAYMENTS

The Service Provider shall be paid within thirty (30) Days from the date of receipt of the

technical operation report of the instrument, following commission AND confirmation of Specific Requirements Compliance. The technical confirmation requirements will be followed by invoice confirmation and payment.

11.3 PENALTIES

All penalties for non-performance will be set out in the Service level agreement.

11.4 WARRANTY

The project **must include a standard arrangement with a minimum three-year extended warranty for preventative maintenance, annual service, and repairs agreement to ensure** the instrument operates optimally.

11.5 INSTALLATION & COMMISSION

The bidder should quote for **all other consumables, resources, software, and additional components required to ensure that the equipment is in optimal working condition.**

The bidder should provide a **clear and realistic method development and validation programme for the following components:**

- Aluminum
- Barium
- Boron
- Cadmium
- Chromium
- Cobalt
- Copper
- Iron
- Lead
- Manganese
- Nickel
- Zinc
- Antimony
- Selenium
- Vanadium
- Potassium
- Sodium
- calcium
- Magnesium

12. PROJECT TIMELINE

The successful bidders will be responsible for the procurement, transportation, delivery, installation, commissioning, and optimization of the instrument within three months, as well as technical support for a period of three years.