

REQUEST FOR WEBTENDER:

Quotation Number:	ERW202005/017		
Description:	SUPPLY AND DELIVERY OF A PORTABLE WASTEWATER SAMPLING MACHINE AT WELGEDACHT WCW		
CIDB Requirement:	N/A	DTI provision (refer MBD 6.2 form)	N/A
Bid Closing Date:	2 JUNE 2020 @ 12:00pm		
Compulsory Briefing Session:	N/A		
Plant/Site Address:	ERWAT R25 Bronkhorstspuit/ Bapsfontein Rd Norkem park Kempton Park 1618		
Contact Person	Sipho Mokhabela		
Contact Number	011 929 7131	E-mail	sipho.mokhabela@erwat.co.za
Bidders prices must be valid for a period of 30 days from closing		Only firm prices will be accepted	
Name of Bidder:			
Tel Number:			
National Treasury CSD Number :	MAAA._____.		
Bid Amount Incl VAT			

ERWAT STAMP

****Note: Bidders are required to submit their CIPC essential worker certificate with this proposal. Failure to submit may render your bid invalid.**

1. OBJECTIVE

Accredited, experienced and registered Service providers are hereby invited for the **SUPPLY AND DELIVERY OF A PORTABLE WASTEWATER SAMPLING MACHINE AT WELGEDACHT WCW.**

2. SCOPE OF WORK

A. Supply and delivery of a portable auto sampler for composite sampling at Welgedacht WCW.

***note:** the bidder must allow for the following;

- 24 months warranty on units
- Calibration certificate
- Provide for calibration of Auto samplers after 12 months
- Training for Process controllers

B. **Technical Data sheet:**

****Failure to complete the Data Sheet below shall lead to disqualification. Contractor must fully stipulate the proposed material/ equipment including section not specified by the Engineer, no ticking (√) or Crossing (x). Contract shall adhere to these specifications.***

ITEM NO.	ITEM DESCRIPTION	SPECIFIED: ENGINEER	OFFERED: CONTRACTOR
SUPPLY & DELIVERY OF SAMPLING MACHINE			
1.	Type		
2.	Manufacturer	--	
3.	Supplier	--	
4.	Model Number	--	
5.	Quantity	1	
PORTABLE SAMPLER			
6.	Housing material	Impact resistant ABS plastic, 3-section construction Double-walled base with 2.54 cm insulation, direct ice contact with bottles	
7.	Temperature	Operating: 0 - 49 °C Storage: -40 - 60 °C	
8.	Power requirements (Voltage)	-----	

ITEM NO.	ITEM DESCRIPTION	SPECIFIED: ENGINEER	OFFERED: CONTRACTOR
9.	Dimensions (W x H x D)	50.5 cm x 69.4 cm	
10.	Weight	15 kg with (24) 1 L Polyethylene bottles; 14.8 kg with 10 L Polyethylene bottle	
CONTROLLER			
11.	Housing material	PC/ABS blend, NEMA 4X, 6, IP68, corrosion and ice resistant (Controller)	
12.	Display	1/4 VGA, Colour; self-prompting/menu-driven program	
13.	User interface	Membrane switch keypad with 2 multiple function soft keys	
14.	Languages user interface	English	
15.	Lock function	Access code protection	
16.	Memory	Sample history: 4000 records; Data log: 325,000 records; Event log: 2000 records	
17.	Communication capabilities	USB and optional RS485 (MODBUS)	
18.	Inputs	One 0/4-20 mA input for flow pacing	
SAMPLING FEATURES			
19.	Programs	Dual program	
20.	Sampling mode	Pacing: Time weighted, Flow weighted, Time table, Flow table, Event	
		Distribution: Single bottle composite, multi-bottle composite, multi-bottle discrete, bottles per sample, samples per bottle or a combination of bottles per sample and samples per bottle	
21.	Operating mode	Continuous or non-continuous	
22.	Alarm	Configurable	
23.	Sample volume	Programmable in 10 mL increments from 10 to 10,000 mL	
24.	Sample interval	Selectable in single increments from 1 to 9999 flow pulses or 1 to 9999 minutes in one minute increments	

ITEM NO.	ITEM DESCRIPTION	SPECIFIED: ENGINEER	OFFERED: CONTRACTOR
SAMPLE PUMP AND STRAINER			
25.	Sample Pump	High-speed peristaltic, dual roller, with 0.95 ID x 1.6 OD cm pump tube;	
		Pump body IP37, Polycarbonate cover	
26.	Vertical Lift	8.5 m using 8.8 m maximum of 3/8" Vinyl intake tube at sea level at 20 to 25 °C	
1.	Tubing	Pump tubing: 9.5 mm ID x 15.9 mm OD Silicone	
		Intake tubing: 1.0 - 4.75 m minimum length, 1/4" or 3/8" ID Vinyl or 3/8" ID Teflon-lined Polyethylene with protective outer cover	
2.	Sample volume repeatability	±5% of 200 mL sample volume with: 4.6 m vertical lift, 4.9 m of 3/8" Vinyl intake tube, single bottle, full bottle shut-off at room temperature and 1524 m elevation	
3.	Sample transport velocity	0.9 m/s with 4.6 m vertical lift, 4.9 m of 3/8" Vinyl intake tubing, 21 °C and 1524 m elevation	
4.	Pump flow rate	4.8 L/min at 1 m vertical lift with 3/8" intake tube	
5.	Internal clock	±1 second per day at 25 °C	
EXTRAS			
1.	Battery Charger	Charger Ass for 8754400L-Acid 3-pin 230V	
2.	Bottles	mc Bottles Set 24 x 1L Poly cont. w Caps	
		Bottle Tray for 8/24 Bottle Sampling	
WARRANTY			
3.	Warranty	Written guarantee for a minimum of 2 years on equipment	
DELIVERY PERIOD			
1.	Delivery Period (Weeks)	Max: 2 Weeks	

3. CONDITIONS OF THE TENDER

- a) Tenderers must complete the Bill of Quantities in full.
- b) All the relevant product information and warranties must be submitted with the Tender.
- c) The successful tenderer must adhere to the stipulations and regulations of the OHS Act.
- d) All bidders

4. GENERAL REQUIREMENTS

- The maximum delivery period shall be specified by the contractor
- The Bill of Quantities shall be completed in full
- Copy of Bidder shall submit BBBEE Compliance Certificate
- Copy of Tax Clearance Certificate
- Copy of Latest Municipal Account and Certification
- Declaration of Interest (Download form ERWAT website/Procurement/Service Provider Registration).

5. PRICING INSTRUCTIONS

BILL OF QUANTITIES:

Item No.	Description	UNIT	QTY	RATE	Amount (Excl. VAT)
1.	PRELIMINARY AND GENERAL	Sum	1		
2.	SUPPLY AND INSTALLATION				
2.1	Auto Sampler as specified on the technical data sheet	Sum	1		
2.2	Battery Charger as specified on the technical data sheet	Sum	1		
2.3	Bottles and Bottle Tray as specified on the technical data sheet	Sum	1		
3.	Delivery				
3.1	Delivery to site	Sum	1		
4.	Training and Calibration				
4.1	Training	Sum	1		
4.2	One time Calibration	Sum	1		
SUB-TOTAL					
ADD 15% VAT					
TOTAL					

6. EVALUATION CRITERIA followed to evaluate quotations:

FUNCTIONALITY

All candidates are expected to get a minimum score of **75%** in order to be considered for further evaluation. Candidates with a score less than **75%** shall be disqualified at this stage.

Requirement	Functionality score	Score Obtained
<p>Specification:</p> <ul style="list-style-type: none"> • Offered quotation as per specifications = 20 <p>Brochures, (Technical data sheet), for equipment offered to be attached to quotation complete with operating capabilities, durability and origin. Failure to supply above will result to zero score obtained.</p>	20 points	
<p>Company experience in supplying sampling equipment – completion certificates or reference letters</p> <ul style="list-style-type: none"> - 3 projects = 30 - 2 projects = 20 - 1 project1 =10 - Not submitted =0 	30 points	
<p>Expertise and qualifications of Technicians to maintain and repair samplers during warranty period</p> <ul style="list-style-type: none"> - 1 or >1 certificates provided to proof skills = 30 - No proof attached = 0 	30 points	
<p>Guarantee</p> <ul style="list-style-type: none"> - 2 Years = 20 - 1 Year = 10 - <1 Year = 0 	20 points	
Total points	100 points	

7. PENALTIES

The Tender/Contract shall be evaluated on **Lead Time**.

7.1. **Lead Time**

The Effective Contract Value will be calculated as follows:

ALT: Actual Lead Time (weeks)
CLT: Claimed Lead Time (weeks)
PEN: % Penalty of the Total Contract Value – Excl. VAT

$$\%PEN = \left(\frac{ALT - CLT}{ALT} \right) * 100$$

8. DELIVERY PERIOD

Item No.	Description	Specified: Engineer	Offered: Contractor (Bidder)
1	Delivery Period	(Client specified time: 14 days)	

9. TERMS OF PAYMENT

30 days from date of official invoice.

Amount in numbers (VAT Incl.): _____

Amount in words (VAT Incl.): _____

Signed (Bidder): _____

Date: _____

- Bidders should note that, should there be a discrepancy (on the contract price) between the amount in words and the amount in numbers. The amount in words will be adopted as the final contract price.

10. TERMS OF TERMINATION

The contracted parties (ERWAT (The Client) and _____ (The Supplier/ Contractor/ Bidder) reserves their rights to terminate the contract. Prior to contract termination, both parties are compelled to make prior notice of termination. Both parties are to make a month (30 Day) notice before they decided to end this contract.

Confirmation of termination for contract: representation

ERWAT: NAME _____ CONTRACTOR: NAME _____

CAPACITY _____ CAPACITY _____

SIGNATURE _____ SIGNATURE _____

COMPANY _____ COMPANY _____

11. SITE INFORMATION

Plant	Address	GPS Co-ordinates	
Welgedacht WCW	1 Carnation Road, Welgedacht Agricultural Holdings, Springs	26°11'29.18" S,	28°28'26.86" E

Preference points system (PPS) as included in the Preferential Procurement Policy Framework Act, Regulations of 2017:

PPS	Contract value	Formula	Additional Considerations
80/20	Equal to or above R 30 000.00 and up to R 200 000	$Ps = 80(1-(Pt-P \text{ min}/P))$ Where Ps = Points scored for price of bid under consideration. Pt = Rand value of bid under consideration. P min = Rand value of lowest acceptable bid.	<ul style="list-style-type: none"> Bidders may be subjected to a pre-compliance stage and functionality scoring and only bidders who score the stipulate minimum points will be illegible to proceed to PPPFA evaluation. Maximum of 20 points may be awarded for BEE level. Bidders are required to tick the relevant box in the table below to claim their points according to their BEE level. Above points must be added to points scored for price. Only bidder scoring the highest points will be selected for award.

B-BBEE Status Level of Contributor	Number of points (80/20 system)	Kindly tick the applicable level and points
1	20	
2	18	
3	14	
4	12	
5	8	
6	6	
7	4	
8	2	
Non-compliant contributor	0	

Failure on the part of a bidder to submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System (SANAS), or a Registered Auditor approved by the Independent Regulatory Board of Auditors (IRBA) or a sworn affidavit confirming annual turnover and level of black ownership in case of an EME and QSE together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

12. QUOTATION REQUIREMENTS:

Work offered that **DO NOT** comply with the specifications will not be evaluated. Any works completed will

PLEASE NOTE THAT FAILURE TO MEET ANY OR ALL OF THESE REQUIREMENTS WILL LEAD TO DISQUALIFICATION

- Valid Certified copy or original BBBEE Compliance Certificate to verify the above claimed points;
- Valid Tax Clearance Pin issued by SARS on e-filing Bidders are required to submit their SARS pin and certificate as prescribed by SARS effective from 01 April 2016. Please visit www.sars.gov.za or ERWAT Website: www.erwat.co.za/procurement for more information;
- Copy of Latest Municipal Account (not older than three months from date of closing);
- Declaration of Interest – MBD 4.2 (Download form ERWAT website/Procurement/Service Provider Registration).
- Bidders must be registered with National Treasury's Centralised Supplier Database (CSD) and can visit www.csd.org.za for more information and registration procedures.
- **CSD Registration Number: MAAA** _____
- Valid Construction Industry Development Board Registration (CIDB): **Valid CRS number:** _____

GENERAL NOTES:

SUBMISSION OF BIDS:

WEB TENDER BOXES SUBMISSION SITUATED AT ERWAT HEAD OFFICE:

Completed tenders / quotations must be in a **sealed envelope** clearly marked with **bid number and description** may be hand delivered and deposited in the stipulated **TENDER BOX** (marked Monday, Tuesday, Wednesday, Thursday, Friday) at ERWAT Head Office, Hartebeestfontein Office Park, Bapsfontein Road, Kempton Park. No faxed bids/proposals shall be accepted. In the event of uncertainty, kindly visit the receptionist situated at the FOYER of the main building for clarity.

Please note that bids not received on the specific time and date will be marked as late bids/proposals and such bids/proposals will, in terms of the Supply Chain Management Policy of ERWAT, not be considered by ERWAT as valid bids/proposals.

Complete quotations with supporting documents must be sealed and externally endorsed with **BID NUMBER** and marked with the full **DESCRIPTION** and placed in the relevant Bid Box as stipulated in the advertisement and/or bidding document.

Bidders may attend the web-tender opening sessions in the event of submitting a tender in the web-tender boxes.

ELECTRONIC SUBMISSIONS:

- Bidders may submit their web-bids via e-mail: webtenders@erwat.co.za in a **PDF format only**.
- **Bidders must complete the SUBJECT BOX with the relevant web-tender number and full description as advertised.**
- **Failure to include this may render your bid invalid.**
- ***Please note that bids submitted electronically must be in the above e-mail address on or before 12:00 of the stipulated closing date. No electronic submissions received after 12:00:00 will be considered for recording and or evaluation.***
- Bidders may submit documents and attachments up to 10MB.
- Bidders will be required to compress their file to a **compact PDF format**.

- In the event that larger files are sent to the e-mail address, it will be received in ERWAT's Mimecast site.
- **Bidders must please note that the Mimecast does not accept zipped files, only PDF files.**
- **In the event that bidders are required to submit samples, it is advised that they submit electronically and submit in the tender boxes and attend the opening session.**

PLEASE NOTE: MIMICAST ONLY RETAINS THE MAILS RECEIVED WITH ATTACHMENTS LARGER THAN 10MB FOR 3 DAYS. PLEASE ENSURE THAT YOUR SUBMISSION FALLS WITHIN ACCESS TO SUCH WITHIN THIS TIMEFRAME.

NB. In the event that an electronic version and a hard copy is delivered for a respective bid, the signed hard copy submitted in the tender box will prevail and the electronic copy will be disregarded.

Please note that the web-tender boxes will be opened first and recorded in the web-tender register on the date and time stipulated in the advertisement and or bid documents. The relevant buyer responsible for the placement of the ad on the web-tender folder will directly thereafter peruse the web-tender e-mail and download the relevant web-tender, print and record such in the same register.

ERWAT will access the e-mail thread from the individual e-mail responses received for audit trail that will be attached to the relevant bidder's response received.