

RE-SUPPLY AND DELIVER FOUR (4) TSS PORTABLE HANDHELD METERS TO ERWAT DD5 WWTW**Author :** Pedro**Date posted :** 2018-03-05**Bid Number :** ERW201803/008**Description :****Bids are hereby invited for the:****RE-SUPPLY AND DELIVER FOUR (4) TSS PORTABLE HANDHELD METERS TO ERWAT DD5 WWTW****Scope of Work:**

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1. Deliver Four (4) TSS Portable handheld meters to ERWAT DD5 WWTW complete with TSS portable hand-held Turbidity, Suspended solids and sludge blanket level system; includes meter, probe, rechargeable batteries, charger for rechargeable batteries with four plug adapters, manual, quick start guide and carry case.
2. Provide training to operating personnel from Four (4) water works on the use of instrument at JP Marais on the dates to be specified.

Specifications

Cable Length	10 m cable with marks for distance
Current Input	Approx. 60mA
Diameter	40 mm
Dimensions	Case L: 450 mm Meter(HXWXD): 110X 230 X 40 mm Probe: 40 mm X 29 cm
Display	Alphanumeric display, 4 rows of 16 characteristics
Length	290 mm
Material	Sensor Body: Stainless steel Probe: Stainless steel Sensor Window: Sapphire
Measurement Modes	Continuous measurement ,integration time settings 0 -1000 seconds
Measuring Principles	
Measuring Range TSS	0.001 -400 g/l (Upper range depending on sample characteristics)
Measuring Range Turbidity	0.01 - 9999 FNU
Memory	Up to 290 measuring points
Operating Pressure	0 to 10 bar
Operating Temperature Range	0 to 60 degree Celsius
Power	Automatic shutdown after 4 minutes If no button has been pressed and no permanent measurement is activated
Precision Suspended Solids	<4% +0.001 g/L whichever is greater
Precision Turbidity	<3 or 0.02 NTU
Pressure Range	Max. 10 bar
Protection Class	Probe IP68 ;Control unit IP 55
Range	TSS 0.001 -400 g/L Turbidity 0.001 -9999 FNU
Relative Humidity	0-95%
Resolution	Suspended solids :0.01 at 1- 9.999 g/L Suspended solids : 0.1 at 10- 99.9 g/L Suspended solids : 1 at > 100 g/L
Resolution Turbidity	0.01 t 0-0.999 FNU 0.01 at 1-9.99 FNU 0.1 at 10-99.9 FNU 1 at >100 FNU
Sensor Cable	10 m
Weight	Probe 1.6 kg Meter 0.54 kg
Dimensions	Meter: 110 x 230 x 40 mm Probe: 290 x40 mm Case: 320 x 450 x 110 mm

3 General Conditions

1. The Contractor must have registered vehicle for transportation of instruments to JP Marais WWCW.
2. Contractor must be:
 - 3.1 Registered at Workman Compensation Commissioner and submit a letter of good standing.
 - 3.2 In compliance with terms and conditions of the OHS Act as well as COID Act and ensure that all conditions and requirements are adhered to at all times.
4. The Contractor takes full responsibility for the safety and health requirements of his/her employees and indemnifies Council and ERWAT from any claim whatsoever emanating from the operations.
5. The Contractor must submit proof of Public Indemnity Insurance and maintain it for the duration of the contract period. The Contractor further accepts full responsibility for damages, theft, injury, and death whatsoever caused to the general public or his employees during operations. The contractor will resolve all claims professionally and rapidly within one week.
6. Delivery to be effected ASAP after issuing of official Purchase order.
7. The Contractor shall provide a written invoice to ERWAT in terms of work executed.

Quotation Requirements:

Work offered that **DO NOT** comply with the specifications will not be evaluated. The successful bidder must register on National Treasury's Centralised Supplier Database (www.csd.gov.za). Quotation evaluation shall be performed on 80:20 principle (pricing and functionality 80% and BBBEE 20%)

Evaluation Criteria followed to evaluate quotations – Preference points system (PPS) as included in the Preferential Procurement Regulations of:

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

- Valid Original Tax Clearance Certificate
- 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)
- Valid BBB-EE Compliance Certificate

NB: Bidders will not be allowed on any of the Erwat sites without the correct PPE gear.

GENERAL NOTES

Completed tenders / quotations must be in a **sealed envelope** clearly marked with **contract number and description** and to be hand delivered, in the **TENDER BOX** at the FOYER at ERWAT Head Office, Bapsfontein road, Kempton Park. No e-mail or faxed bids/proposals shall be accepted. Bids/Proposals that are 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 quotation with supporting documents must be sealed and externally endorsed with **CONTRACT NUMBER** and marked **DESCRIPTION** and placed in the Bid Box identified "**MONDAY**" at ERWAT Head Office, Bapsfontein Road, Kempton Park, not later than 12H00 on **12 MARCH 2018**

Bid closing date :	2018-03-12
Compulsory site meeting :	N/A
Contact Person :	RALPH TEME
Contact number :	063 038 3923
E-mail address :	N/A
Bid validity period :	7 Days
Physical address where bid documents can be collected :	ERWAT Head Office, Hartebeestfontein Office Park, R25, Norkem Park.
Tender Box number :	N/A
Day when Tender is to be submitted to ERWAT Offices:	N/A
Non-refundable Document fee :	N/A ERWAT will not accept cash. All payments to be made by Credit Card only
CIBD required?	N/A
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Bids must be hand delivered to the Bid Box situated at the address: ERWAT Head Office, Hartebeestfontein Office Park, Bapsfontein Road (R25), Kempton Park.

Complete Tenders must be in a sealed envelope clearly marked with **ERW201803/008** and **RE-SUPPLY AND DELIVER FOUR (4) TSS PORTABLE HANDHELD METERS TO ERWAT DD5 WWTW.** and to be hand delivered, in the TENDER BOX **N/A** at the foyer at ERWAT Head Office, Bapsfontein Road (R25), Kempton Park.

No e-mail or faxed bids/proposals shall be accepted. Bids/Proposals that are 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.

Bidders' attention is specifically drawn to the provision of the bid rules which are included in the bid document.

The lowest or any bid will not necessarily be accepted and ERWAT reserves the right not to consider any bid not suitably endorsed or comprehensively completed, as well as the right to accept a bid in whole or part. Bids completed in pencil will be regarded as invalid bids.

Submission of electronic and fax bids are not acceptable.