

REQUEST FOR WEBTENDER:

Quotation Number:	RE-ADVERT-ERW201811/027		
Description:	SUPPLY AND DELIVERY OF EQUIPMENT AT HARTEBEESTFONTEIN WWCW-RE-ADVERT		
CIDB Requirement	N/A	DTI provision (refer MBD 6.2 form)	
Bid Closing Date:	03 April 2019 @12:00		
Compulsory Briefing Session:	N/A		
Plant/Site Address:	ERWAT Hartebeestfontein Office Park, Bapsfontein Road, R25, Norkem Park.		
Contact Person	Unathi Mbengwana		
Contact Number	011 929 7000	e-mail	unathim@erwat.co.za
Bidders prices must be valid for a period of 30 days from closing	Only firm prices will be accepted		
Non-firm prices	In the case of prices not being firm due to rate of exchange factors, the MBD 3.2 form must be completed and attached to this document.		

Accredited, experienced and registered Service providers are hereby invited for the supply and delivery of equipment at Hartebeestfontein WWCW.

SCOPE OF WORKS:

1. 1 x CPU: Processor with integrated Ethernet Port. Including an external PCMCIA memory card of sufficient size to operate the specified plant.

TECHNICAL DATA SHEET		
DESCRIPTION	SPECIFIED BY ENGINEER	OFFERED BY CONTRACTOR
Product or component type	Unity processor	
Software designation	Unity Pro	
Number of racks	16 4/6/8 slots 8 12 slots	
Number of slots	128 64 96	
Memory description	Internal RAM (with PCMCIA card) 1792 kB program Internal RAM (with PCMCIA card) 192 kB data Internal RAM (without PCMCIA card) 192 kB program and data PCMCIA card 16384 kB additional data storage	

2. 1 x Power supply: 100 – 240 VAC unit including battery back-up for RAM memory retention.

TECHNICAL DATA SHEET		
DESCRIPTION	SPECIFIED BY ENGINEER	OFFERED BY CONTRACTOR
Primary voltage	100...240 V	
Supply circuit type	AC	

Secondary power	10.8 W 24 V DC sensor power supply 16.8 W 24 V DC I/O module power supply and processor 8.3 W 3.3 V DC I/O module logic power supply	
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3.

4. 1x Rack interconnection cable: 1m extension cable.

TECHNICAL DATA SHEET		
DESCRIPTION	SPECIFIED BY ENGINEER	OFFERED BY CONTRACTOR
Accessory / separate part type	Connecting cable	
Accessory / separate part destination	For multitracks configuration	
Cable length	1 m	
Electrical connection	2 connectors SUB-D 9	

5. 1 x Digital input module (connection block): 16 channels 24VDC isolated input module.

TECHNICAL DATA SHEET		
DESCRIPTION	SPECIFIED BY ENGINEER	OFFERED BY CONTRACTOR
Product or component type	Discrete input module	
Discrete input number	16 current sink isolated conforming to EN/IEC 61131-2 type 2	
Discrete input voltage	24 V DC positive	
Sensor power supply	19...30 V	
Input compatibility	With 2-wire/3-wire proximity sensors conforming to EN/IEC 60947-5-2	
Discrete input current	7 mA	

6. 1 x Digital output module (connection block): 16 channel relay output module.

TECHNICAL DATA SHEET		
DESCRIPTION	SPECIFIED BY ENGINEER	OFFERED BY CONTRACTOR
Product or component type	Discrete output module	
Discrete output number	16	
Discrete output type	Relay not protected	
Discrete output voltage	12...24 V DC conforming to EN/IEC 61131-2 10...34 V 24...240 V AC conforming to EN/IEC 61131-2 20...264 V	

6. 1 x Analogue input module: 8 channel analogue input module (connection cable – TSX CAP 030 and connection block – ABE 7CPA02 required)

TECHNICAL DATA SHEET		
DESCRIPTION	SPECIFIED BY ENGINEER	OFFERED BY CONTRACTOR
Product or component type input module	Analog	

Input level	High level	
Analogue input number	8	
Analogue input type	Current 0...20 mA Current 4...20 mA Voltage +/- 10 V Voltage 0...10 V Voltage 0...5 V Voltage 1...5 V	
Analog/Digital conversion	12 bits	

7. 1 x Analogue output module: 8 channel analogue output module (connection cable – TSX CAP 030 and connection block – ABE 7CPA02 required).

TECHNICAL DATA SHEET		
DESCRIPTION	SPECIFIED BY ENGINEER	OFFERED BY CONTRACTOR
Product or component type	Analog output module	
Analogue output number	8	
Analogue output type	Current 0...20 mA Current 4...20 mA Voltage +/- 10 V	
Analog/Digital conversion	13 bits + sign +/- 10 V 13 bits 0...20 mA 13 bits 4...20 mA	

NB: The data sheet is to be fully completed in words and numbers respectively; no ticking/making shall be accepted (✓ or X), no ambiguous responses such as “Yes, No or Comply”. All bidders who fail to comply, complete or complete technical data sheet shall be disqualified.

General

1. Bidders are to fill in the column “Offered by contractor” in full of what specification the equipment which they have quoted on meets.
2. All equipment must be Schneider or equivalent.
3. Supplier information, like technical datasheets from manufacture detailing the compliance to the equipment requirement must be part of the submission.

Disqualification

1. All the equipment and general has to be complied with, non-compliance to any one of these requirement will lead to disqualification.
2. Failure to fill the “Offered by contractor” column in full will lead to disqualification.

DELIVERY POINT

ERWAT Hartebeestfontein Office Park, Bapsfontein Road, R25, Norkem Park.

AWARD OF BID:

ERWAT reserves the right to accept any bid or part thereof, to award the bid to more than one bidder and does not bind itself to accept the lowest or any bid and not to consider any bid not suitably endorsed or comprehensively completed.

EVALUATION CRITERIA followed to evaluate quotations:

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	$Ps = 80(1 - (Pt - P_{min})/P)$ 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.

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, Hartbeestfontein 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: MIMECAST 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.