



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

REQUEST FOR SUPPLY, INSTALLATION AND CONFIGURATION OF AN ENVIORAC AT GAUTENG PROVINCIAL OFFICE (BOTHONGO PLAZA)



1. BACKGROUND

In order to deliver against its mandate the Department of Water And Sanitation (DWS) need to improve its efficiency, effectiveness, security and information reliability to deliver more – better, faster, and cost effectively with the relevant controls in terms of best practice and good governance. A key element in this drive towards effectiveness and efficiency is the use of ICT that within the DWS environment nationally.

2. CURRENT ENVIRONMENT

The Provincial Office currently is utilizing the old server room infrastructure which is not only out dated but is not conducive to accommodate servers and has repeatedly attracted internal and external Audit queries.

A route cause analysis was conducted and one of the recommendations was that a proper data center must be put in place with the capabilities of monitoring humidity, fire, temperature, power loss and access control basically monitored environment.

3. SERVICE REQUIRED

The Department requires a service from a professional service provider to supply, install and configure an EnviroRac in the dedicated room, do the necessary repairs and issue a certificate of compliance. An inspection accompanied by all relevant documentation “*to be provided by the installer*” will be done after all work has been completed before sign off.

4. SCOPE OF WORK

The scope of work is for the supply, installation and configuration of the EnviroRac on site as per technical specification and requirements.



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These EnviroRacs will house the switches, telephone systems and servers which might be needed to be on site.

Technical Specifications

Item number and description	Specifications	Comply	Does not comply
<u>1. Physical</u>	Rack Configuration Triple Rack Rack Height 43U Rack Depth 1000mm		
<u>2. Material</u>	Front Door Housing Toughened safety glass Anti-Rust Cold rolled steel Paint Zinc Phosphate Matt Black Texture		
<u>3. Conformance</u>	Warranty 3 Year inclusive of A/C & UPS		
<u>4. Cooling Plant</u>	Air Conditioning Split Unit 15 000BTU each Air Conditioning Capacity Split x2 Air Conditioning Quantity 60 000BTU Maximum Air Conditioning Capacity		
<u>5. Fire Protection</u>	Smoke Detectors 2 Extinguish and residue Stat-X: ozone safe/no		
<u>6. Security</u>	Access Control PIN Code and/or Fingerprint/Facial recognition. Access Logging Time stamped – photo & text Surveillance 3 x IP Cameras Locks (Rack) 3 x electro-magnetics Locks (Side Panels) Clip fixes lock		
<u>7. Interface</u>	Display 15" Touch Screen Override Fire, Access (Key		



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Item number and description	Specifications	Comply	Does not comply
	Switches		
<u>8. EnviroRamm System Controller</u>	Operating System Windows 10 or 11/ Communication GSM and STMP		
<u>9. Alerting</u>	Protocols Supported GSM, SMTP, SNMP TCP/IP Alerts Temperature, Humidity, Access Violation, Smoke and Power Failure Definable Recipients 8		
<u>10 Integrated UPS</u>	10KVA ±30 minutes backup time		
<u>11. Backup Power</u>	8KVA Hybrid inverter providing 8 Hours runtime		
<u>12. Power Management</u>	Alerting Monitoring SNMP/STMP Management Per port V/A Port Configuration Per port control – Power On/off 8 x IEC-C13		
<u>Additional requirements</u>	Air Conditioning Unit 2 x Wall mounted Cooling 25000W, Comfort Control, 230V, 50/60Hz, RiNano Coating/Condensate Evaporation 400 x 1580 x 290 3 Year preventative maintenance Warranty on A/C Electrical 25a, Circuit Breaker, Heinemann, Std curve Installation and		



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Item number and description	Specifications	Comply	Does not comply
	Commissioning		
	Decommissioning of the current cabinet and moving the current switches and cables to the new Enviro rack		
	Labour		
	Sandry items		

5. EVALUATION CRITERIA

Department of Water and Sanitation will evaluate all proposals in terms of the Preferential Procurement Regulations 2022. A copy of the Preferential Procurement Regulations 2022 can be downloaded from www.treasury.gov.za. In accordance with the Preferential Procurement Regulations 2022, submissions will be adjudicated on 80/20 points system and the evaluation criteria. A three phase evaluation criteria will be considered in evaluating the bid.

PHASE 1: ADMINISTRATIVE:

Please note that all bidders must comply with the following administrative requirements.

- All Standard Bidding Documents must be fully completed and signed.
- Only CSD registered companies will be appointed.



PHASE 2: MANDATORY COMPLIANCE CHECKLIST (TECHNICAL SPECIFICATION)

Please note that all bidders must comply with the following mandatory compliance checklist- **IF NOT INCLUDED IN THE BID DOCUMENTS, THE BIDDER WILL BE DISQUALIFIED IF FOUND TO BE NON-COMPLIANT:**

Item number and description	Specifications	Comply	Does not comply
<u>1. Physical</u>	Rack Configuration Triple Rack Rack Height 43U Rack Depth 1000mm		
<u>2. Material</u>	Front Door Housing Toughened safety glass Anti-Rust Cold rolled steel Paint Zinc Phosphate Matt Black Texture		
<u>3. Conformance</u>	Warranty 3 Year inclusive of A/C & UPS		
<u>4. Cooling Plant</u>	Air Conditioning Split Unit Air Conditioning 15 000BTU each Capacity Air Conditioning Split x2 Quantity Maximum Air 60 000BTU Conditioning Capacity		
<u>5. Fire Protection</u>	Smoke Detectors 2 Extinguish and Stat-X: ozone residue safe/no		
<u>6. Security</u>	Access Control PIN Code and/or Access Logging Fingerprint/Facial recognition. Surveillance Time stamped – photo & text 3 x IP Cameras Locks (Rack) Locks (Side 3 x electro- Panels) magnetics Clip fixes lock		
<u>7. Interface</u>	Display 15" Touch Screen Override Fire, Access (Key Switches		
<u>8. EnviroRamm System</u>	Operating Windows 10 or 11/		



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Item number and description	Specifications	Comply	Does not comply
<u>Controller</u>	System		
	Communication GSM and STMP		
<u>9. Alerting</u>	Protocols Supported GSM, SMTP, SNMP Alerts Temperature, Humidity, Access Violation, Smoke and Power Failure Definable Recipients 8		
<u>10 Integrated UPS</u>	10KVA ±30 minutes backup time		
<u>11. Backup Power</u>	8KVA Hybrid inverter providing 8 Hours runtime		
<u>12. Power Management</u>	Alerting Monitoring SNMP/STMP Management Per port V/A Port Configuration Per port control – Power On/off 8 x IEC-C13		
<u>13. Additional requirements</u>	Air Conditioning Unit 2 x Wall mounted Cooling 25000W, Comfort Control, 230V, 50/60Hz, RiNano Coating/Condensate Evaporation 400 x 1580 x 290 Warranty on A/C 3 Year preventative maintenance Electrical 25a, Circuit Breaker, Heinemann, Std curve Installation and Commissioning		
	Decommissioning of the current cabinet and		



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Item number and description	Specifications	Comply	Does not comply
	moving the current switches and cables to the new Enviro rack		
	Labour		
	Sandry items		

PHASE 3: POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

In terms of Regulation 5 (2) and 6 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (80/20 system)	Number of points (90/10 system)
1	20	10
2	18	9
3	16	8
4	12	5
5	8	4
6	6	3
7	4	2
8	2	1
Non-compliant contributor	0	0

6. CONDITIONS

- Only bidders who obtain at least 65% under Functional/Technical evaluation will be considered for further evaluation
- Bidders are kindly requested to submit two (2) copies plus the original
- DWS reserves the right to award the required services to multiple service providers.



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- The Department will not be liable to any damage caused by the contractor, whatsoever.
- The Department will not be held liable of injury of the contractors employees
- Bidders are requested to provide a clear agreement regarding joint venture/consortia. The percentage involvement of each company in the joint venture agreement should be indicated on the agreement. A trust, consortium or joint venture must submit a consolidated B-BBEE Status Level Verification Certificate for every separate bid.
- A person will not be awarded points for B-BBEE status level if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.
- Bidders are required to submit original and valid B-BBEE Status level Verification Certificate or certified copies thereof together with their bids, to substantiate their B-BBEE rating claims.
- Bidders who do not submit B-BBEE Status Level Verification Certificates or are non-compliant contributors to B-BBEE do not qualify for preference points for B-BBEE but should not be disqualified from the bidding process. They will score points out of 80 for price only and zero (0) points out of 20 for B-BBEE. A trust, consortium or joint venture must submit a consolidated B-BBEE Status Level Verification Certificate.
- It is a requirement that bidders who do business with government must comply to the relevant tax legislations and bidders are required to submit an ORIGINAL AND VALID Tax Clearance Certificate as issued by SARS. Failure to submit such will invalid your bid.

7. SITE VISIT AND CONTACT

Please take note a site visit will be required. The date and venue of the compulsory site



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visit will be communicated. It is important that service providers confirm all required details during the briefing session as the prices quote will be fixed and no deviation whatsoever will be tolerated once the bid is allocated. Any issues not pointed out during the briefing session will be for the service providers own account once the bid is allocated.

8. ENQUIRIES

For Technical enquiries

Contact Person: **Tebogo Diradingwe**

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