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The information given below is an extract of the scope of work. **To access/open the full set of tender documentation, you must be registered on CSD.**

If you have a MAAA CSD registration number and receiving email notifications from PetroSA Procurement you are already registered, please login as indicated below:

Username: MAAA...
User Code: MAAA...
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Contact the call center on **012 663 8815** or email: **support@intenda.net** if you are having problems with your login.

If **you do not have a MAAA** CSD registration number, please click on “**Not Registered Yet**” and register. Click on the link below to download a “how to” guide to assist you.

<http://www.procurement.petrosa.com/Downloads/Documents/SupplierSelfRegistration.pdf>

AHT0000024700

SCOPE OF WORK

PetroSA – PAROW and MOSSEL BAY UPS Replacements

1. Background

PetroSA utilizes Uninterrupted Power Supplies (UPS) to ensure adequate power to its Data Centres in the event of power outages. With the current load-shedding being a reality, the probability and possibility of this risk are high and will remain the case for as long as the country is subjected to it.

The UPS and batteries are critical components for the supply of electricity to the PetroSA buildings and equipment. Therefore, are required to be replaced as soon as possible to provide the surety of server/service availability in the event a blackout is experienced again.

2. Requirements

The objective is to replace batteries at the PetroSA sites in its Mossel Bay Admin Building Data Centre and the UPS Unit in its Parow Data Centre as soon as possible.

The objective can be categorized as follows at a **high level**:

- ***Replace batteries in Mossel Bay***
- ***Replace the damaged UPS in Parow***

2.1 In Scope

This Scope of Work is to allow the Tenderers to provide PetroSA with adequate service. The scope for each site are define separately as Scope 1 and Scope 2.

Tenderers can quote for Scope 1 or Scope 2 or for both – which must be clearly indicated.

Scope 1 – Replacement of Batteries in Mossel Bay Admin Building

- Quote price on 16 x batteries;
- Remove damaged/absolute batteries (from disassemble);
- Deliver new batteries;
- Replace batteries;
- Service and commission UPS;
- Inspect and test that replacement batteries work as intended; and
- Issue a Certificate of Compliance.

Battery Specification

Nominal Voltage	12V	
Nominal Capacity	180AH	
Dimensions	Length : Width : Container height : Total Height (with terminal) :	500 mm 220 mm 190 mm 220 mm
Max. Discharge Current	1000A	
Quantity	16 Batteries	

The following are considered **key** requirements for the solution in **Scope 1**:

- *Remove damaged/absolute batteries*
 - The Tenderer to follow PetroSA procurement procedures (will be provided on award)
 - The Tenderer is responsible for their toolset
- *Replace batteries*
 - Return the UPS as per its previous physical state, with the new batteries installed
- *Inspect and certify that replacement works as intended*
 - Provide inspection sheet (Quality check)
 - Work certified

The following is optional, but must be priced for:

- Guarantee on UPS Batteries.

Scope 2 – Replacement of the UPS in Parow

- Quote on 1 X ABB ST UPScale 120 UPS (Including 3-year maintenance support);
- Delivery of new UPS unit;
- Uninstallation and removal of damaged unit from site;
- Installation of new unit;
- Service and commission UPS unit; and
- Inspect and test and issue a Certificate of Compliance.

UPS Specification: ABB DPA UPScale 120 UPS

Item	Item Name	Quantity
1	ABB ST120 UPS Frame, scalable in 20 kW Increments up to 120 kW	1
2	ABB ST UPS Module 20 Kw	4
3	SNMP Network Card	1

Initial power requirement is 80 kW which may be increased or decreased according to utilisation.

The following are considered **key** requirements for the solution in Scope 2:

- *Site visit/inspection is essential*
 - *to confirm dimensions of the room for installation*
 - *Check required equipment to carrying and moving both old and new unit*
- *Remove damaged UPS*
 - Uninstall old, damaged UPS
 - Remove/dispose UPS from site
- *Replace UPS*
 - Deliver new UPS
 - Installation of new UPS
 - Connection of new UPS to existing battery bay.
 - Commissioning of new UPS
- *Inspect and certify that replacement works as intended*
 - Provide inspection sheet (Quality check)
 - Work certified
- Guarantee on UPS.

3. Elimination Criteria

- If any of the in-scope capabilities are not met the Tenderer will be eliminated;
- Written proof that Tenderer are a Service Partner and Value-Added Reseller of the UPS Batteries and/or UPS unit;
- Written quotation of its all-inclusive fee for the above hardware and services including guarantees, if applicable; and
- Written proof of 2 (two) references of similar work done.

Tenderers to ensure the CBA (Commercial Bid Analysis) are fully completed and attached to its Tender on ISS, failing which may result to elimination.

4. Site Visit at Parow Head Office

A site inspection visit is arranged for **Tuesday, 18 January 2022 @ 15h00** for all interested parties. Tenderers to provide the names and ID numbers of attendees in order to arrange the necessary permits. All interested parties must submit their names and ID numbers by latest 12h00 **Tuesday 18 January 2022**. See Tender Notice.

5. Enquiries

Any enquiries regarding this tender should be addressed to **Caroline Widmer** in the Tender Office at telephone no. **(021) 929-3006**, or e-mail address caroline.widmer@petrosa.co.za.