

Note: All tenders and quotations are done via our eProcurement system.

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...
Password: newuser

Contact the call center on

+27 21 939-3131 or email: **email: supplier@petrosa.co.za** 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>

AHT0000026879

SCOPE OF WORK

PetroSA – MOSSEL BAY & PAROW UPS Batteries’ Replacement

1. Background

PetroSA relies on Uninterruptible Power Supply (UPS) systems to maintain continuous power to its data centres during outages. Given that load-shedding remains an ongoing challenge, the likelihood of power disruptions is high and is expected to persist for the foreseeable future.

The UPS systems and associated batteries are therefore critical to ensuring uninterrupted electricity supply to PetroSA’s buildings and operational equipment. It is essential that these batteries are replaced regularly at specified intervals urgently to guarantee server stability and service continuity during periods of power interruption.

PetroSA seek to find a service provider to replace batteries for 3 UPS units at different sites.

2. Requirements:

- Batteries must have a life span and guarantee of a minimum of ten (10) years.
- The specifications are for a minimum performance (currently installed units) of the batteries. Tenderers may propose better performance batteries.
- The quote must include:
 - a. Cost of transportation of batteries to the different sites.
 - b. The removal and disposal of existing obsolete batteries.
 - c. Installation of new replacement batteries.

- d. Return the UPS to its normal operational state after installation of batteries.
- Inspect and certify that replacement batteries works as intended
- Provide inspection sheet (Quality check)
- Provide a battery lifecycle management plan, including an asset lifecycle tracking register
- Provide compliance certification
- Provide all-inclusive quotation detailing breakdown of the CBA amounts.

3. Specifications:

3.1 Mossel Bay PBX UPS – Admin Data Centre

Battery Specification:

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

3.2 Parow UPS 1 (ABB PowerWave33 S3) - in UPS Room

Battery Specification

Nominal Voltage	12 Volts (12 V DC)
Nominal Capacity	83 Ah @ 20-hour rate
High-rate rating	280 W/cell (UPS duty)
Dimensions	Length: 273 mm Width: 174 mm Container height: 201 mm Total Height (with terminal): 204 mm
Max. usable discharge Current (at 1-minute rate)	475 A
Short-circuit current	2.1 kA
Quantity	48 batteries

3.3 Parow UPS 2 (ABB UPScale) - in Executive Garage

Battery Specification

Nominal Voltage	12 Volts (12 V DC)
Nominal Capacity	100 Ah @ 20-hour rate
High-rate rating	1.6 V/cell (UPS duty)
Dimensions	Length: 334 mm Width: 172 mm

	Container height: 215 mm Total Height (with terminal): 218 mm
Max. usable discharge Current (at 1-minute rate)	335 A
Short-circuit current	1.69 kA
Quantity	50 batteries

4. 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/or Value-Added Reseller of the UPS Batteries – refer Returnable Schedule.
- Written quotation/s of its all-inclusive fee for the above hardware and services including guarantees, if applicable; and
- Written proof of 2 (two) references of same and/or 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

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.
- Log onto the PetroSA website and access the full RFQ on the e-Procurement system. www.procurement.petrosa.com
- No emailed tenders will be accepted.