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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...

Password: newuser

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>

PROVISIONING OF 2 (TWO) ON-PREMISE HOSTING SERVERS FOR PetroSA



AHT0000026381

SCOPE OF WORK / Specifications

1. Background

PetroSA currently makes use of DELL/EMC server, storage and backup equipment in its Data Centres to provide IT service to business.

2. Requirements

The current equipment has reached end-of-service-life. PetroSA is looking for a Service Provider for the provisioning* of two (2) **4CPU On-premise Hosting Servers** as per the specifications below at an all-inclusive once-off cost (including warranties).

***Supply:** Sourcing and/or acquiring the servers.

***Delivery:** Covers the logistics of getting the servers to the PetroSA, Parow offices.

***Installation:** Setup and commissioning.

Requirement:	<i>4CPU Capable Server</i>
Quantity Required:	<i>2 (two)</i>
Installation/Commissioning Required:	<i>Yes</i>
Returnable – see Technical Questionnaire :	
<i>(1) Comprehensive Proposal</i>	<i>(2) Detailed Pricing – see CBA</i>
<i>(3) Installation Proposal & Warranties</i>	<i>(4) OEM certification</i>
<i>(5) Completed Returnable Schedule</i>	

3. Detailed Server Specification

Description	Qty
Chassis	
Trusted Platform Module 2.0 V6	1
2.5" Chassis with up to 24 Drives (16 SAS/SATA + 8 NVMe Direct), 4CPU, Hardware RAID	1
Intel Xeon Platinum 8444H 2.9G, 16C/32T, 16GT/s, 45M Cache, Turbo, HT (270W) DDR5-4800	4
Heatsink for 4 CPU Configuration (CPU more than or equal to 205W, GPU Ready)	1
Memory Configuration	
Performance Optimized	1
5600MT/s RDIMMs	1
64GB RDIMM, 5600MT/s, Dual Rank	32
RAID Configuration	
Unconfigured RAID	1
RAID Controller, SAS Front	1
1.92TB Enterprise NVMe Read Intensive AG Drive U.2 with carrier	4
Power & BIOS Configuration	
Power Saving BIOS Settings	1
UEFI BIOS Boot Mode with GPT Partition	1
Quad, Redundant (2+2), Hot Plug Power Supply 2400W	1
PDU Style, minimum 2.5m Power Cord (South Africa)	4
PCIe Riser	
2x16 Low Profile Slots (Gen5) + 6x16 Full Height Slots (Gen5)	1
Broadcom Dual Port 10/25GbE SFP28 Adapter, PCIe Low Profile, V2	2
Emulex LPe36002 Dual Port FC64 Fibre Channel HBA, PCIe Full Height	2
Additional Configs	
4U Bezel with Display	1
Boot Optimised controller card + with 2 M.2 960GB (RAID 1)	1
No Operating System	1
No Media Required	1
Hardware based remote management	1
2U Combo Drop-In/Stab-In Rails With Management Arm	1
Support & Maintenance	
4-hr Response, Onsite Service, 60 Month(s)	1
Onsite Implementation, Configuration	1

Important Notice: The brand selected through this tender process shall be designated as the official standard for PetroSA data centre servers and will remain the approved brand for a duration of up to seven (7) years.

4. 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.