

TERMS OF REFERENCE

1. Background

IT has identified the need to acquire a modular server chassis, 4 blade servers and 2 rack servers to add more capacity to the existing server infrastructure and to retire old servers that are older than 5 years and no longer under warranty.

2. SCOPE OF WORK

		COMPLY	
1 x Modular Server Chassis Infrastructure <i>(minimum specification requirement)</i>		YES	NO
Service provider to provide make and model of proposed equipment			
1.	Ability to support storage nodes (with NVMe drives)		
2.	Supporting integrated networking		
3.	Support for at least 3x redundant fabrics		
4.	Support up to 10 blade servers on a single networking fabric		
5.	Must support heterogeneous centralised console for in chassis server, storage and networking.		

		COMPLY	
<u>2x Networking Modules (for above modular chassis)</u> <i>(minimum specification requirement)</i>		YES	NO
Service provider to provide make and model of proposed equipment			
1.	Natively support 25GbE minimum speed per link from server.		
2.	Support links between 10 blade servers at 100GbE		
3.	12x QDD28 Uplink Ports		
4..	2x Q28/32GFC Ports		

5.	Future support for more servers, fabrics, and choice of networking OS, 25GbE end-to-end with NO oversubscription.		
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		COMPLY	
	<u>4 x blade servers (for above modular chassis)</u> <i>(minimum specification requiremen for each blade server)</i>	YES	NO
Service provider to provide make and model of proposed equipment			
1.	Dual Intel Xeon Gold 6342 2.8G, 24C/48T, 11.2GT/s, 36M Cache, Turbo, HT (230W) DDR4-3200-		
2.	24x 64GB RDIMM, 3200MT/s, Dual Rank Memory		
3.	2x 1TB SSD SATA Mix Use 6bps 512 2.5in Hot-plug Hard AG Drive		
4.	Dual Port 25GbE Card supporting Ethernet, FCoE & iSCSI		

		COMPLY	
	<u>2 Rack Servers</u> <i>(minimum specification requirement for each server)</i>	YES	NO
Service provider to provide make and model of proposed equipment			
1.	2x intel Xeon Silver 4309Y 2.8G, 8C/16T, 10.4GT/s, 12M Cache, Turbo, HT (105W) DDR4-2666 3 rd Generation		
2.	2X 16GB RDIMM, 2666MT/s, Dual Rank		
3.	2X 1TB SSD SATA Mix Use		

		COMPLY	
	<u>Support</u> <i>(minimum specification requirement)</i>	YES	NO
1.	5 years onsite support for all hardware		
2.	4 hour response time and MTTR not to exceed 24 hours		
3.	Automated issue detection & proactive case creation		
4.	Self-service case initiation and management		

		COMPLY	
	<u>Deployment/installation</u> <i>(minimum specification requirement)</i>	YES	NO
1.	Single point of contact for project management		
2.	Site readiness review		
3.	Implementation planning		
4.	Onsite hardware installation		
5.	Project documentation with knowledge transfer		

3. Evaluation of the Bids

The received bids will be evaluated on the 80/20 procurement principle as per the Supply Chain Management Policy and the relevant Treasury Regulations. The following evaluation approach will be applied:

- Phase 1 will be the screening of mandatory documents/requirements in the table below, ensuring compliance thereof.

No	Documents	Weight	
1	Bid documents		
2	Provision of Warranty: a) Five (5) year manufacturer warranty b) Four (4) hour on-site response time for hardware failure	45	5 year warranty and 4 hour on-site response time for hardware failure= 5 Anything less than requirements above= 1
3	Service provider to supply minimum of 3 references for similar installation done in the last three (3) years or alternately service provider to confirm in a form of a letter from OEM that the installation will be done by the OEM supplier.	10	Five (5) or more references provided or installation to be done by OEM;=5 Four (4) references provided;=4 Three (3) references provided;= 3 Two (2) or less references provided;= 2 Irrelevant/no reference(s) provided= 1
4.	All minimum requirements as per scope of work in 2 above is	45	<ul style="list-style-type: none"> comply with less than 27

	complied with.		requirements = 1 comply to all 27 requirements = 5
	Total	100	

- Phase 2 will be Price and BBBEE.
- Cut off point for functionality is 80%