

RESPONSES TO BID CLARIFICATION QUERIES

TENDER NUMBER	NCT/PWT/06/2021
SUBJECT OF PROCUREMENT	SUPPLY, DELIVERY AND INSTALLATION OF SERVERS AND STORAGE AREA NETWORK
SUBMISSION DEADLINE	MAY 27, 2021 @1000HRS LOCAL TIME

In reference to the above -mentioned Tender, we wish to respond to below queries received from prospective bidders.

Table 1: Electricity Vending Servers

Ref	A	B	C	D
0	PARAMETER	MINIMUM SPECIFICATION REQUIRED	Query	Response
1	Form factor	2U Rack Server	-	
2	Processors (Max)	2 or 4, 2 nd Generation Intel® Xeon® Processor Scalable family CPU's up to 165W	What is the actual number of processors required by Powertel and their model numbers?	4 processors per server
3	44 Memory (Max)	Up to 6TB in 48 slots using 128GB DIMMS; 2666Mhz/2933Mhz TruDDR4 total memory 6TB	What is the total memory required by Powertel and the speed of the memory? RDIM, LRDIMM or Persistent memory kits/ modules?	3 TB total memory per server
4	Expansion slots	Up to 9 PCIe plus 1x LOM; optional 1x ML2 slot	No query	-
5	Internal storage	Up to 16x 2.5" storage bays supporting SAS/SATA HDD and SSD or up to 8x 2.5" NVMe SSD; plus up to 2x mirrored M.2 boot. Minimum hdd space 10TB	What is the actual internal storage required by Powertel, the actual type (SAS SSD,SATA SSD, SATA HDD, SAS HDD or NVMe SSD and the storage bays preferred?	10TB usable on SSD
6	Network interface	Multiple options with 1GbE, 10GbE, 25GbE, 32GbE,40GbE or InfiniBand PCIe adapters; one (2-/4-port)	What is option required by Powertel?	1 x 4 port 1G Base-T, 2 x 2 port 10G SFP+ with SFP Modules and 8 x 5Metrefibre

Tender clarifications



 POWERTEL COMMUNICATIONS
 SIGNED: [Signature]
 DATE: 29/04/2021
 INFRASTRUCTURE DEV. ENG.

				cables and 2 x dual port 16G Fibre Channel HBA
7	Is Powertel providing the cabinets to house the 2u rack servers at the project site?			Yes, Powertel will provide the cabinets
8	How many processors do you require per each server?			4 Processors
9	How many Cores do you require per each processor?			18Cores 3.1GHz
10	How much memory do you require for each server?			3TB
11	How much usable hard drive space do you require and also on which hard drive type?			10TB usable on SSD
12	On Network interface how many ports do you require per each server and which speeds (1G or 10G)?			1 x 4 port 1G Base-T, 2 x 2 port 10G SFP+ with SFP Modules and 8 x 5Metrefibre cables and 2 x dual port 16G Fibre Channel HBA

Table 2: Storage Area Network Quiries

Ref	Query	Response
1	How much usable storage do you require?	200TB usable
2	You want which hard drive type (SATA, SAS or SSD)?	SSD

Bidders must take note that this document becomes part of the Tender documents and will be circulated through our website to all the bidders who are participating in the tender process.

Tender clarifications

