

ADDENDUM NO. 1

Request for Bids Goods

Supply of Servers and Racks for Data centers

Country:	Pakistan
Project Name:	Pakistan Raises Revenue Program
Implementing Agency:	Federal Board of Revenue (FBR)
Loan No:	Credit No. 6435-PK
Project ID No:	P165982
RFB No.	1(13)/P&CM/PO/2020-21
STEP Ref. No	Activity No. PK-FBR-226877-GO-RFB



Federal Board of Revenue
Revenue Division – Government of Pakistan

Reference Item/ Section as per RFB	Initial Requirements/ Specifications as per RFB	Revised Requirements/ Specifications as per Addendum
Para 6 of Specific Procurement Notice (under “Bidding Documents”) ITB 22.1 and 25.1 of Section II – Bid Data Sheet (BDS) (under Part 1 – “Bidding Procedures”)	The deadline for bids submission and bids opening: September 15, 2021	First Extension: The deadline for bids submission and bids opening: October 04, 2021 Second Extension: The deadline for bids submission and bids opening: October 14, 2021
Part 2 – Supply Requirements Section VII – Schedule of Requirements 3. Technical Specifications		
A.1 – Processors & Power Supplies (under “Rack Mounted Servers”)	4x Intel® Xeon® Platinum 8200x processors @ 2.xx GHz, 26 cores each with 35MB L3 cache with Intel® 610+ chipset	4x Intel® Xeon® Platinum 83xx processors @ 2.xx GHz, 28 cores each with 35MB L3 cache with Intel® 620 chipset
	Rack mounted 4U servers with redundant hot swappable Power supplies and fans	Rack mounted 3U/ 4U servers with redundant hot swappable Power supplies and fans
A.2 – Memory (under “Rack Mounted Servers”)	2TB ECC memory per server. Each server must have the capacity to be scalable up to 4 TB with Required Expansion Modules/ Hardware or more without any additional hardware (apart from DIMM’s)	2TB ECC memory per server. Each server must have the capacity to be scalable up to 3 TB with Required Expansion Modules/ Hardware or more without any additional hardware (apart from DIMM’s)
A.3 – Hard Drives (under “Rack Mounted Servers”)	2 x 512GB NVMe SSD for OS and 4x 1.8 TB+ 10k SAS hot swappable Hard Disk Drives	2 x 480GB NVMe SSD for OS and 4x 1.8 TB+ 10k SAS hot swappable Hard Disk Drives
A.4 – Server RAID (under “Rack Mounted Servers”)	Integrated RAID 1, 5, 6, and 10 with on-board RAID controllers, with Online Expansion, and hot swappable drives	Integrated RAID 1, 5, 6, and 10 with on-board/ PCIe RAID controllers, with Online Expansion, and hot swappable drives
A.8 – 8. KVM & Racks with all Accessories (under “Rack Mounted Servers”) B. Server Racks	Remote management solution Out of band management with licenses and Hardware Based KVM with keyboard for Console Management	ILO/IDRA/IBMC or equivalent Remote management solution Out of band management with licenses and Hardware Based KVM with keyboard for Console Management

This Addendum forms an integral part of the Request for Bids (including Frequently Asked Questions with Answers/ Clarifications already uploaded on FBR website) and shall be read and executed so. All other terms and conditions and specifications of the RFB remain unchanged until and unless expressly modified so in writing.

Procurement Specialist (Program Office)

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