

Punjab Human Capital Investment Project (PHCIP)
Punjab Social Protection Authority (PSPA)
Government of Punjab
78-79, New Muslim Town, Wahdat Road, Lahore

No. PK- PSPA-443868-GO-RFQ

26th August, 2024

ADDENDUM-1

Subject: **REQUEST FOR QUOTATION (RFQ) DOCUMENT – PROCUREMENT OF PHYSICAL SERVERS & NETWORK CORE SWITCHES**

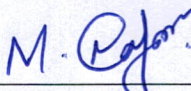
With reference to the Invitation for Request for Quotations issued on 20th August, 2024. In the light of email received from the supplier, the following amendment is made in the RFQ document; which will be construed as an integral part of the RFQ Document.

2. The following description shall be added against each: -

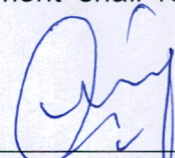
Sr. #	Reference of RFQ Document	Description	Amendment of Description
1	ANNEX 1: Purchaser's Requirements Technical Specifications Virtualization	<ul style="list-style-type: none"> • Server virtualization and consolidation with centralized management for 2 sockets. • No virtual machines creation limit and no limited processors license kit will be accepted. • Must have Virtual Switch feature and should be enabled. • Quoted Virtualization Software must have DRS and HA Function. • Single datastore must be attached with multiple servers. • Virtualization software license is not subject to a six sockets/processors limitation and can be extended licenses without change in license type. • The virtualization platform should provide graphical displays of virtual switches, centralized displays of port usage, and detailed information and real-time monitoring of traffic by clicking on virtual switch ports providing a visual monitoring interface to reduce operational difficulties and quickly understand 	<ul style="list-style-type: none"> • Server virtualization and consolidation with centralized management for 2 sockets. • No virtual machines creation limit and no limited processors license kit will be accepted. • Must have Virtual Switch feature and should be enabled. • Quoted Virtualization Software must have DRS and HA Function. • Single datastore must be attached with multiple servers. • Virtualization software license is not subject to a six sockets/processors limitation and can be extended licenses without change in license type. • The virtualization platform should provide graphical displays of virtual switches, centralized displays of port usage, and detailed information and real-time monitoring of traffic by clicking on virtual switch ports providing a visual monitoring interface to reduce operational difficulties and quickly understand network traffic. • Virtualization software must support stateful failover.

		<p>network traffic.</p> <ul style="list-style-type: none"> • Virtualization software must support stateful failover. • Virtualization software must be of the same brand as the server. 	
2	<p>ANNEX 1: Purchaser's Requirements Technical Specifications Core Switch</p>	<ul style="list-style-type: none"> • Fully Managed Layer 3 Switch with BGP support • Should have 24x10/100/1000 RJ45 interfaces or higher along with 4x10GE SFP+ ports for uplink and 10G MM SFP+ Module for all SFP+ ports. • Switch must have minimum 170 Gbps switching capacity or Higher • Switching performance to be min 95Mbps or Higher • RAM: min 1 GB or Higher • Flash: min 512MB or higher • Redundant Power Supplies must be included. • IPv4 ARP entries should be 8000 or higher. • IPv4 routing entries should be 12000 or higher. • Should support stacking of local and remote devices through standard Ethernet interfaces. Should support stacking of 9 switches or more. • 3 years NBD warranty. • Ability to be a logical extension of the existing infrastructure allowing for centralized management of both network security and access layer functions through a single interface. 	<ul style="list-style-type: none"> • Fully Managed Layer 3 Switch with BGP support • Should have 24x10/100/1000 RJ45 interfaces or higher along with 4x10GE SFP+ ports for uplink and 10G MM SFP+ Module for all SFP+ ports. • Switch must have minimum 170 Gbps switching capacity or Higher • Switching performance to be min 95Mbps or Higher • RAM: min 1 GB or Higher • Flash: min 512MB or higher • Redundant Power Supplies must be included. • IPv4 ARP entries should be 8000 or higher. • IPv4 routing entries should be 12000 or higher. • Should support stacking of local and remote devices through standard Ethernet interfaces. Should support stacking of 9 switches or more. • 3 years NBD warranty with installation and configuration.

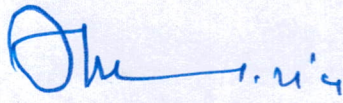
3. All other terms and conditions of the RFQ document shall remain the same.



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