

REQUEST FOR QUOTATIONS

| | |
|-------------------------|--|
| Country: | Pakistan |
| Name of Project: | Khyber Pass Economic Corridor (KPEC) |
| Contract title: | Supply & Installation of Networking Equipment |
| Credit No: | IDA-62700 |
| Project ID: | P159577 |
| Date of issuance | April 23, 2024 |

The Government of Khyber Pakhtunkhwa has received loan from International Development Association (IDA), World Bank towards the cost of Khyber Pass Economic Corridor (KPEC) Project and intends to apply part of the proceeds for the Supply & Installation of Networking Equipment.

The Project Management Unit (PMU) Khyber Pass Economic Corridor Project invites sealed quotations from eligible interested offeror for the supply of items as per details and specification given below:

| S# | Item | Qty | Detail Specification |
|----|--|-----|--|
| 1 | Server for a domain controller, firewall, wireless LAN, Controller, Print and DNS, Servers | 1 | <p>2U Rackmount Dual Processors: 2 X Intel Xeon Processors 10 Core each 2.50GHZ/Greater or equivalent</p> <p>Memory: Minimum 64GB DDR4 RAMs</p> <p>Hard Drives: 6 x 500GB Hot swappable SSD Server Grade with a RAID controller</p> <p>Double Hot Swappable Power Supply</p> <p>Quad Gigabit LAN Card</p> <p>At least 1 x 10G SFP+ Port along with 3m Dac cable.</p> <p>Sliding Rails and cable management tray</p> <p><i>One year Complete Warranty of the quoted items.</i></p> <p><i>Complete in all respects as approved by Engineer incharge</i></p> |
| 2 | RACKs | 1 | <p>Imported server 42U Rack with PDU (Min 10) & loaded Patch Panel. Standardized frame or enclosure for mounting multiple equipment modules. Front Glass Door, Openable side doors, ventilation Fan, at least 2 moveable/adjustable Trays, Cage Nuts Rear Lockable Doors. 600 x 1000mm.</p> <p>Features: Reliable structure, Adjustable feet and heavy-duty castors, simultaneously, moving conveniently and fixing reliably. Glass front door and rear metal door.</p> <p>Features: Reliable structure, Adjustable feet, and heavy-duty castors, simultaneously moving conveniently and fixing reliably. Glass front door and rear metal door. Meeting the requirement of ventilation and n and rat-proof.</p> <p><i>Complete in all respects as approved by Engineer incharge</i></p> |
| | | 2 | <p>12U Dual Section Rack with PDU (Min 6) & Loaded Patch Panel.</p> <p><i>Complete in all respects as approved by Engineer incharge</i></p> |

| | | | |
|---|-----------------------|---|--|
| 3 | Access Switch | 3 | <p>Layer 2 PoE+ managed Switch - Business Class</p> <p>24 x 1Gigabit RJ45 PoE+ ports.</p> <p>4 x 1/10G SFP+ ports and 1 console port and cable with loaded 1 x 1/10G SFP+ Transceiver/module.</p> <p>Non-blocking throughput: 26 Gbps or greater, Should have 126 Gbps or more port switching capacity.</p> <p>Forwarding rate should be more than 94 Mpps</p> <p>Supports POE+ IEEE 802.3at/af and 24V Passive PoE</p> <p>Rack-mountable</p> <p>Should be a Manageable Switch with Layer-3 features such as RIP, RIPng, OSPF & OSPFv3, BGP.</p> <p>Should support Spanning Tree Protocol, 802.1D STP, 802.1W RSTP, 802.1S MSTP.</p> <p>Should support link Aggregation Protocol, Access Port and Trunk Port, Port Mirroring, RSPAN, SNMP V1,2,3 (or equivalent must be supported).</p> <p>Should support security features like IP source Guard, AAA, RADIUS, 802.1x, DHCP Snooping etc.</p> <p><i>One year Complete Warranty of the quoted items. Complete in all respects as approved by Engineer incharge</i></p> |
| 4 | Wireless Access Point | 2 | <p>Wi-Fi 6 (4x4 MIMO), 250+ connected devices, powered using PoE+ and power adapter With Controller.</p> <p>The quoted AP must provide a 1G/2.5G/5G Ethernet multi-rate port.</p> <p>The quoted AP must be 802.11 at/af compliant.</p> <p>Built-in omnidirectional antenna. 5dBi antenna gain @2.4GHz, 5dBi antenna gain @5GHz</p> <p>The quoted AP must support 4x4:4 MU-MIMO at 5GHz and 2x2:2 MU-MIMO at 2.4GHz Radio.</p> <p>The AP must support 802.11k and 802.11v smart and 802.11r fast transition roaming to ensure a seamless end-user experience while they are roaming.</p> <p>The quoted AP must be able to detect and prevent Wireless Intrusion (WIDS/WIPS) and provide dynamic ARP inspection (DAI). IP Source guard, 802.11w & 802.11i support must also be included.</p> <p>IEEE 802.11a/b/g/n/ac/ax, WMM, WPA, WPA2 and WPA3 – Enterprise, Personal (SAE), Enhanced Open (OWE), Wi-Fi Alliance.</p> <p>Quoted AP must be PTA-type approved</p> <p><i>One year Complete Warranty of the quoted items. Complete in all respects as approved by Engineer incharge</i></p> |

| | | | |
|---|----------------|----|--|
| 5 | Network Wiring | 35 | <p>Imported <u>CAT6</u> Networking cable (Solid Bare Copper/Pure copper, Conductor Diameter: 0.560mm Nominal, 23 AWG.) with wall-mounted RJ45 Faceplates, 35 Nodes, and PVC ducts for deploying the network wires inside the building with all installation accessories, and with patch cord as per requirement at site.</p> <p>The total count shall be calculated in meters as per actual at the site. <u>Faceplates Details:</u> Single Gang Faceplate, 1 Port with Cat6 RJ45 Jack (I/O) with relevant accessories for installation & fixing, included standard size back box to cover the wires & I/Os.</p> <p><u>I/O's Detail:</u> RJ45 Jack Keystone with Option Color Contact Bracket. RJ45 Jack. Contact Material: Phosphor Bronze with Nickel Plated finish. <u>RJ 45 Connector Detail:</u> Contact terminal: phosphor bronze with Nickel Plated finish.</p> <p><i>Complete in all respects as approved by Engineer incharge.</i></p> <p><u>Note: Networking Cable, ducts/pipe price to be quoted on per meters basis.</u></p> |
| | | 1 | <p>Fiber for SFP+ Connectivity from Core switch to Access switches. Approximate distance 100m. Six Core, Single Mode, Optical Fiber Cable, suitable for indoor/outdoor installation in PVC conduit or in dura duct, including the cost of relevant accessories and installation.</p> <p><i>The total count shall be calculated in meters as per actual at the site. Complete in all respects as approved by Engineer incharge</i></p> |

The Following is the qualification criteria/ terms and conditions:

| |
|---|
| The offeror must be an agent/dealer or reseller of required item in Pakistan, with a minimum of Three (3) years of experience in supplies. |
| Supplier/dealer should have a documented track of completing at least five (5) similar assignments, involving the supply of a comparable scale. Documentary proof to be provided. |
| Offeror must provide the quality assurance certificate, and performance satisfactory certificates from last supplies made. |
| The offeror must be income Tax and Sales Tax registered and must be on active tax payer list of FBR prior to issuance of purchase order. |
| One-year full warranty should be provided. After sales service will be required. |
| Quotation must be signed and stamped. Bid validity must be 60 days |
| Used, refurbished, below specification, late, conditional, incomplete and optional quotations will not be acceptable. |

| |
|---|
| Supply and installation within 30 days of issuance of Purchase Order/Notification of Award. |
| Prices shall be fixed and bid price should be in Pak Rupees. |
| Project Director is the competent authority for grievance redressal. |
| Non-compliance of the criteria will result in rejection of the quotation. |

Interested eligible offerors may obtain further information from Project Management Unit Khyber Pass Economic Corridor Project Ph.091-9216005.

Process will be conducted through RFQ mode as specified in World Bank's Procurement Regulations July 2016, revised November 2017, August 2018, and November 2020, applicable to IPF and is open to all eligible offerors as defined in the Procurement regulations.

The Offeror must not be blacklisted by any Government/ Semi Govt. Organization in Pakistan and no litigation is under way by any organization.

The quotations must be delivered to the address given below on or before the 7th May 2024 at 11:00 a.m. Quotations will be opened on the same date, time and address. The offerors are requested to give their best and final prices including all applicable taxes as no negotiations will be allowed at later stage. Incomplete and late bids will not be entertained.

The Address referred to above is:

Procurement Specialist

Project Management Unit (PMU)

Khyber Pass Economic Corridor (KPEC)

21/E, Mulberry Road, University Town, Peshawar

Ph. NO: 091-9216005

Email: info.kpec@kp.gov.pk