



STANDARD BIDDING DOCUMENT FOR THE

PROCUREMENT OF SERVER AND
IT EQUIPMENT

Procurement Reference Number: 23-39/24/A/NIPS-P-64

December, 2024

NATIONAL INSTITUTE OF POPULATION STUDIES (NIPS)
MINISTRY OF NATIONAL HEALTH SERVICES, REGULATIONS & COORDINATION
NATIONAL INSTITUTE OF HEALTH (NIH), PARK ROAD, CHAK SHAHZAD,
ISLAMABAD.

Tender Notice

National Institute of Population Studies (NIPS), M/o National Health Services, Regulations & Coordination, invites sealed tenders under the project titled “**Longitudinal Panel Study using Performance Monitoring for Action (PMA) Framework in Punjab, Khyber Pakhtunkhwa and Balochistan and Sindh**” from the reputable Suppliers/Authorized Dealers/firms who are duly registered with Income Tax and Sales Tax Departments for supply of the following items with all accessories and software’s (at Annex-I):

S. No	Items Name	Closing Date & Time	Bid Opening Date & Time
1.	SERVER AND IT EQUIPMENT	20-12-2024 at 11:00PST	20-12-2024 at 11:30PST

Terms and Conditions:

1. Bid Security (2% of the Offer) in shape of Bank Draft / Pay Order in favor of DDO, NIPS, Islamabad should be submitted with the Bid.
2. Only registered vendors/firms entertained and considered through EPADS and incomplete or late received offer will not be considered, closing date and time of Bid is 20th December, 2024 at 1100PST and opening date and time is 20th December, 2024 at 1130PST.
3. Detailed specifications and bidding documents can be obtained from websites: www.ppra.org.pk or www.nips.org.pk.
4. The Institute will have a liberty to revise the requirement or whole tender or the increase /decrease of quantity, proceedings at any stage.
5. This Institute reserves the right to reject any tender, in part or full, without assigning any reason. However, NIPS will not be required to justify the grounds of rejection.

ADMINISTRATIVE OFFICER
NATIONAL INSTITUTE OF POPULATION STUDIES (NIPS)
M/o National Health Services, Regulations & Coordination
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**Technical Specifications for Server and
IT Equipment**

Sr. #	Name of Item	Specifications	Quantity
01	Purchase of High Performance Computing Server	<p>CPU Intel® Xeon® with at least 24Cores in total</p> <p>Memory Total 64GB DDR4 or above, Dual Rank 3200MT/s RDIMMs</p> <p>Power: Dual, Hot-plug, Redundant Power Supply (1+1), 1100W, 230V/115V Power Cord</p> <p>Storage: 2 x 480GB SSD SATA Read Intensive 6Gbps 2.5in Hot-plug AG Drives 6 x 8TB 7.2K RPM SAS ISE 12Gbps 512e 3.5" Hot-plug Hard Drive</p> <p>Raid Controller: RAID 9350-16i 4GB Flash PCIe 12Gb Adapter or equivalent</p> <p>Raid Configuration: RAID 1 + RAID 5 for HDDs or SSDs (Matching Type/Speed/Capacity Within Each RAID Container)</p> <p>Network daughter card: Broadcom 5719 1GbE RJ45 4-port OCP Ethernet Adapter Port 10GbE SFP+, QSFP+ (optional)</p> <p>Power Cords: 2 x Jumper Cord - C13/C14, 4M, 100-250V, 13A</p> <p>Embedded Systems Management: Real-time hardware monitoring, and remote access features such as power management, KVM over IP, and virtual media.</p> <p>Rack Rails: Toolless Sliding Rails kit with Cable Management Arm</p> <p>Operating System: Windows Server 2022 Standard,16CORE,FI,No Med, No CAL, Multi Language</p> <p>Warranty and Support: Complete deployment at NIPS premises with RAID configuration and OS installation (Windows Server)</p> <p>Licenses Windows Server 2022/2019 Datacenter Edition, Add License, 2CORE,NO MEDIA/KEY. Multi user pack of Windows Server 2022 Remote Desktop Services,</p> <p>Backup: Smart-UPS APC or Equivalent, 1440VA line interactive, NEMA 5-15P input and 6x NEMA 5-15R outlets. Graphic LCD interface. Built-in lead-acid battery. With 2-year warranty. with Automatic Voltage Regulation (AVR) and Rack mounting brackets. Rack with complete installation</p> <p>Warranty: 3 years Standard with Onsite Service included</p> <p>Delivery: On site within 1 week</p>	01

02	Firewall	<p>CPU: Intel Xeon D-1733NT, 8-core @ 2.0 GHz (Ice Lake Family) CPU Cores: 8- Cores minimum Physical Network I/O ports : 10GbE SFP+ cage ports, 1GbE SFP cage ports, 2.5GbE RJ-45 direct (unswitched) Intel i226 Ethernet ports Storage : 512 GB NVMe 2280 M-Key M.2 SSD Memory : 16 GB DDR4 (expandable to 32 GB via 2x 16 GB UDIMM) Physical Expansion Card Slots : M.2 M-Key slots for NVMe SSD storage via custom vertical PCIe riser card, 1x PCIe 3.0 x8 slot Supports half-length low profile cards and “up-plugging” of x16 cards (limited to x8 speeds), 1x PCIe 4.0 x16 slot Supports full-height three-quarter-length cards Console : 1x RJ45 auto-detect console port with Cisco pinout USB-A to RJ45 console cable required IPMI management port via dedicated RJ45 1U rackmount Dual power hot-swappable PSU bays USB 3.2 jacks (USB-A female) Warranty: 3 Year</p>	01
03	Access point	<p>Wi-Fi 7 tri-band concurrent wireless Access Point with 2x2:2 (2.4GHz) + 4x4:4 (5GHz) + 2x2:2 (6GHz). Wi-Fi 7 in all three bands. 6GHz LPI mode and SP mode support with AFC. Software configurable to 2x2 (2.4GHz) + 4x4 (5GHz) dual-band mode. BeamFlex+, one 10/5/2.5/1- Gigabit Ethernet backhaul, one 1-Gigabit port, PoH/uPoE/ 802.3bt PoE support, onboard BLE and Zigbee selectable IoT radio, USB 2.0, TPM 2.0, and Secure Boot. Adjustable acoustic drop ceiling bracket must be included. With Power adapter. Warranty: 1 Year</p>	02
04	Layer 3 Manageable Routing Switch	<p>Layer 3 manageable routing switch – 24 ports with 4 SFP port Warranty 1 Year</p>	02
05	16 port Gigabit Unmanaged Switch	<p>16 port Gigabit Unmanaged Switch Warranty 1 Year</p>	04
06	Internal SSD for Laptop/Computers	<p>512 GB Internal Solid State Drive, NVMe SSD M.2 PCIe SLC Cache 3D NAND TLC, Up to 3500MB/s, Compatible with Laptop and PC Desktops</p>	05
07	Microsoft Windows 11	<p>Licensed Windows 11 Pro License Type: Perpetual license License Validity: Lifetime license (non-subscription-based) Activation: License keys to be included with each media Media Format: USB or DVD with Windows 11 installation files</p>	10
08	Microsoft Office	<p>Microsoft Office 2019 Professional or higher License Type: Perpetual license License Validity: Lifetime license (non-subscription-based) Activation: License keys to be included with each media Media Format: USB or DVD with Office installation files</p>	10
09	IBM SPSS	<p>Latest version</p>	01

	Statistics – Enterprise Edition	Multi-user Concurrent Access Support server-based deployment with centralized management. Compatibility: Must be compatible with existing enterprise infrastructure and databases. Support and Maintenance: Includes annual maintenance, updates, and technical support.	
10	STATA	Latest Version Multi-user Concurrent Access Support server-based deployment with centralized management. Compatibility: Must be compatible with existing enterprise infrastructure and databases. Support and Maintenance: Includes annual maintenance, updates, and technical support.	01
11	Wireless Network Router	WiFi Data Rate: 5 GHz Up to 1201 Mbps, 2.4 GHz Up to 574 Mbps Wireless standard : IEEE 802.11ax/ac/n/g/b/k/v/a/h, IEEE 802.3u/ab Interfaces : 1 x Gigabit Ethernet WAN port, 1 x power connector and 1x Reset button, 1 x WPS button, 4 or more Gigabit Ethernet LAN port Support NAT Forwarding, Port Forwarding, Port Triggering, DMZ	10
12	Heavy Duty Tool Set with Tool Box	DeWALT or equivalent Professional tool kit with multiple Pieces Ratchet T-Handle Wrench Screwdriver Set Professional Combination Socket Ratchet Wrench Set Multiple Spanner Set Crimping tools Multiple Pliers, Multi Wire cutter splitter Material: High Quality Forged Steel	02
13	Portable SSD Drive USB3.2	02 TB Sleek, lightweight portable drive USB 3.2 increases transfer speed up to 10x faster than USB 2.0 Backwardly compatible with USB 2.0 ports Includes Nero BackItUp & Burn software Warranty 1 Year	05
14	Network Cable Cat6 (Bundle)	100% bare copper wire support 10 Gigabit Speed UTP	02
15	Ethernet RJ45 Connector	Connector CAT6 Crimp (Packet/Box of 100)	05

Terms & Conditions:

1. **Earnest money/ Bid Security @ 2%** for each category in the shape of Bank Draft/Pay order in favour of DDO, NIPS must be submitted with the offer.
2. Bidders must submit copies of their registration of Sales Tax and Income Tax.
3. Bidder must submit on stamp paper
 - (i) That there is no pending liabilities in respect of the bidder/ firm against any government/semi-government department/ organization
 - (ii) That bidder is representing a firm which is registered in his own name.
 - (iii) That the bidder has not been black listed by any government/ semi-government department/ organization. Legal documents can be asked by the buyer, if required.
4. **Procedures of open competitive bidding:** Single stage – one envelope. – Each bid shall comprise one single envelope containing, separately, financial proposal and technical proposal (if any). All bids received shall be opened and evaluated in the manner prescribed in the bidding documents.
5. **BID VALIDITY:** Bids shall remain valid for a period of at least **30 days** after the date of opening of technical proposals.

In exceptional circumstances, prior to expiry of the original bid validity period, the Buyer may request that the bidders extend the period of validity for a specified additional period. The request and the responses there to shall be made in writing or by electronic mode. A bidder will not be required or permitted to modify its bid, but will be required to extend the validity of its bid security for the period of the extension.
6. All bidders are advised to comply strictly with the document specifications/ terms & conditions and no deviation shall be allowed.
7. Prices must be quoted in Pak Rupees only.
8. Technical proposals and financial proposals must be submitted on **F.O.R. ISLAMABAD Basis at NIPS Office NIH Complex, Park Road, Chak Shahzad Islamabad.** Both technical and financial proposals of these items will be opened on the same day 20th December, 2024 11:30PST in NIPS's Conference Room.
9. The successful bidders will furnish performance guarantee in the shape of CDR @ 5% of his supply order in favour of DDO, NIPS Islamabad.
10. The last date for the submission of tender is 20th December, 2024 at 1100 Hours PST and will be opened on the same day at 1130 hours PST in the presence of bidders or their representatives.
11. Goods as per specifications would be **received within 07 days for all items**, after the issuance of supply order, **and the supplier will be responsible for replacement of items**, if found defective during inspection / warranty period.
12. The quantity of the items can be increased/ decreased.
13. The Procuring Agency reserves the right to cancel the bidding process at any stage without assigning any reason.
14. Taxes will be deducted as per Government rules.
15. The payment against supply of items will be made through crossed cheque(s) in Pak Rupees by the Department to the supplier after satisfactory supply of goods and technical report submitted by the Technical Committee.
16. Any bid found in deviation / violation / without earnest money would liable to be rejected.
17. Bidding documents can be obtained free of cost from the NIPS/ PPRA websites www.nips.org.pk or www.ppra.org.pk.