



NATIONAL INSTITUTE OF ELECTRONICS
Ministry of Science and Technology
Government of Pakistan
17, H-9, Islamabad



Tel: 051-9265009-13 (Ext: 217)

Fax: 051-9265027

TENDER NO. 08/2020-NIE
SERVERS AND FLOOR STANDING SERVER RACK UNDER PSDP PROJECT
“SEMICONDUCTOR CHIP DESIGN FACILITATION CENTRE AND NETWORK
ESTABLISHMENT”

S. #	Name of Item	Qty	Unit Price in Pak Rupee	Total Price in Pak Rupee
01.	<p>Server-1 for Chip Design Tools with standard accessories and following specifications</p> <p>Make: HP/ Dell or Equivalent</p> <p>Server must support Red Hat Enterprise Linux [RHEL 6.5 -64bit or Above] with Following Specifications:</p> <ul style="list-style-type: none"> • 2U Rack Mount Server • 2.5" Chassis with provision of minimum 8 Hot Plug HDD • 2, Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) [2-Processors] • 8, 32GB (1x32GB) Dual Rank x4 DDR4-2933 • [256 GB RAM, in Total] [Upgradable] • 3, HDD SFF 1.2TB 10K SAS [3.6 TB HDD, in Total] [Upgradable] • Advanced ECC with multi-bit error protection, Online spare, mirrored memory and fast fault tolerance • Storage Array Controller supporting all RAID levels with 2GB Cache. SSD Caching enabled. • 1Gb Network Daughter Card with 4 ports and (ON-BOARD LOM 1GBE 4 ports) • 10Gb 2-port Base T Adapter • 2, Dual, Hot-plug, Redundant Power Supply 800W or above with Compatible Power Cords [2 Power Supplies] • Sliding Rails with Cable Management Arm and other standard accessories • Server Front Bezel + USB base Keyboard+ USB base Optical Mouse (Each) • 21.5" Monitor • Remote Management interface (Enterprise License) • Following System security features; <ul style="list-style-type: none"> • FIPS 140-2 validation. • Support for Security Algorithms (CNSA). • Secure Recovery 	01		

	<ul style="list-style-type: none"> • Secure erase of NAND/User data. • Dedicated remote management port web interface for power, temperature and fan monitoring, power-on/ off control, boot control and predictive failure monitoring. 			
02.	<p>Server-2 for Chip Design Tools with standard accessories and following specifications</p> <p>Make: HP/ Dell or Equivalent</p> <p>Server must Support Red Hat Enterprise Linux [RHEL 6.5 -64bit or Above] with Following Specifications:</p> <ul style="list-style-type: none"> • 2U Rack Mount Server • 2.5" Chassis with provision of minimum 8 Hot Plug HDD • 2, Intel Xeon-Silver 4214 (2.2GHz/12-core/85W) [2-Processors] • 4, 32GB (1x32GB) Dual Rank x4 DDR4-2933 • [128 GB RAM, in Total] [Upgradable] • 3, HDD SFF 600GB 10K SAS [1.8 TB HDD, in Total] [Upgradable] • Advanced ECC with multi-bit error protection, Online spare, mirrored memory and fast fault tolerance • Storage Array Controller supporting all RAID levels with 2GB Cache. SSD Caching enabled. • 1Gb Network Daughter Card with 4 ports and (ON-BOARD LOM 1GBE 4 ports) • 2, Dual, Hot-plug, Redundant Power Supply 500W or above with Compatible Power Cords [2 Power Supplies] • Sliding Rails with Cable Management Arm and other standard accessories • Server Front Bezel + USB base Keyboard+ USB base Optical Mouse (Each) • 21.5" Monitor • Remote Management interface (Enterprise License) • Following System security features; <ul style="list-style-type: none"> • FIPS 140-2 validation. • Support for Security Algorithms (CNSA). • Secure Recovery • Secure erase of NAND/User data. • Dedicated remote management port web interface for power, temperature and fan monitoring, power-on/ off control, boot control and predictive failure monitoring. 	01		
03.	<p>Floor Standing Server Rack with standard accessories and following specifications</p> <p>Make: Any</p>	01		

	<ul style="list-style-type: none"> • 42-U Floor Standing Server /Network Cabinet (Glass Door) with following Specifications: • Front Door- Glass Door (5MM Toughened glass) Perforated with Lock • Rear door- Half Perforated and Full Perforation Steel Door with Lock • Side Panels- Removable with Slam Latch and Lockable Provision • Cable Entry Cut- Top/ Bottom • 4 Pair Heavy Duty (2.0mm) Depth Support Manager/Channel Fitted on Front & Rear Pillar • 2 Pair Heavy Duty (2.0mm) 19" Vertical Mounting Rail Channel Fitted on Front & Rear Pillar • Cooling Option- 4 fan Provision mounted on Top Panel • Load Bearing Capacity up to 800 KG • CRCA Steel Dismantle Construction Overall 1.2mm Thick Load Bearing angles are 2 MM • Power Distribution Unit- Horizontal & Vertical • Cable Management- Horizontal & vertical • Sliding Tray for Equipment and Keyboard • Surface Finish: Degreasing, pickling, phosphoric, powder coated • Keyboard Tray Sliding and Rotary, Monitor Shelf • Power Strip 12 Socket 5 amp 			
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TERM & CONDITIONS:

1. Price to be quoted in Pak Rupees on (FOR) free home delivery basis.
2. As the equipment/ items to be procured are based on high tech technology therefore for competitive bidding single stage-two envelopes bidding procedure shall be adopted.
 - (i). the bid shall be comprised a single package containing two separate envelopes, containing separately **“TECHNICAL PROPOSAL”** and **“FINANCIAL PROPOSAL”**.
 - (ii). the envelope shall be marked as **“TECHNICAL PROPOSAL”** and **“FINANCIAL PROPOSAL”** in the bold, properly sealed and with legible letters to avoid any confusion.
 - (iii). initially the envelope marked with **“TECHNICAL PROPOSAL”** shall be opened.
 - (iv). the envelope marked with **“FINANCIAL PROPOSAL”** shall be retained in the custody of NIE without being opened.
 - (v). upon evaluation of technical proposals, NIE shall publically open the financial proposal of the technically accepted bids only. The financial proposal of the bids found technically rejected shall be returned un-opened to the respective firms.
3. The firm must be registered with SECP/ Registrar of firms in Pakistan- Certificate of incorporation to be attached.
4. Minimum incorporation of establishment of the firm/ company is more than 5 years.
5. The bidder must demonstrate/ undertake at least “10” supplies of hardware projects in past “05” years.
6. The bidder should at least TIER-1 partner with quoted brand.
7. The bidder must provide Manufacturer Authorization Letter (MAL) of the quoted equipment.
8. The bids of the firm operating from their residential address and P.O. Box number will not be considered.
9. Tender number must be specified on the left corner of the bidding envelope.
10. The rates should be valid for at least “90” days from the date of tender opening.
11. The bidder will provide undertaking and evidence that the quoted equipment are genuine, brand new, non-refurbished, unaltered in any way, of the most recent/ current model, imported through proper channel and incorporate all recent improvement in design.
12. The bidder shall provide Manufacturer’s Warranty for a period of three years.
13. The Warranty Period shall start from the date of installation/ configuration/ deployment of the servers on site.

14. The bidder shall clearly mention Terms & Conditions of service agreement for the supplied equipment during and after the expiry of the warranty period. In case of International Warranty, the bidder shall mention the local service and warranty setup details.
15. The end-user warranty and support service shall be in the name of National Institute of Electronics, Islamabad.
16. Non Blacklist Affidavit/ Certificate (confirming that bidder has never been black listed from any Government/ Semi Government organization.
17. The bid must be supported with necessary catalogue/ brochure indicating make, model detailed specification and country of origin of the offered equipment.
18. The scope of supplies includes supply of equipment, installation, testing and commissioning of equipment and if necessary training to NIE Personnel's.
19. The financial bid should reflect at sight the following costs separately for fair comparison purpose.
 - i. Unit Price of equipment.
 - ii. GST, if applicable.
 - iii. Training if any
20. Conditional/ ambiguous bids will not be entertained.
21. Earnest money @ 2% of quoted prices (Refundable) must be accompanied with tender in shape of a crossed bank draft/ pay order in favour of the Director General NIE.
22. E/M of the successful bidder will be refunded upon submission of prescribe performance/ bank guarantee to NIE and the same shall be released after satisfactory completion of warranty/ guarantee period of the supplied goods.
23. The successful bidder shall provide 5% performance/ bank Guarantee of the total order value of the order to NIE for satisfactory execution of the supply order.
24. The bid found to be lowest evaluated bid shall be accepted only either overall whole tender/items base or each item wise.
25. The estimated delivery/ completion period of supplies/ work must be specified in the quotation.
26. The firm will keep the Project Director (SCDFC&NE) involved during every stage of the execution of the order/contract.
27. In case of any delay in supplies of ordered items, the successful bidder shall bound to inform NIE to prior to "15" days of the ending of last date of delivery, so that necessary approval regarding extension in delivery period may be obtained from Director General NIE otherwise at the time of payment to firm a penalty @ 2% per month of the total order value will be charged from the successful bidder without any notice.
28. Tender of all items may be awarded either to a single party or can be divided among different parties depending upon their professional capabilities and competitiveness in prices individually.
29. **No advance payment will be made.**
30. NTN and GST number must be mentioned on the quotation along with providing copy of its documentary evidence, failing which bid will not be considered.
31. Payment will be made on submission of the prescribed bill in duplicate through crossed cheque OR through Inland L/C after satisfactory completion of supply order and our acceptance thereof, which includes installation, testing, commissioning of the equipment and training etc. The bill presented on the letterhead of the firm will not be accepted for payment purpose.
32. As per Government Policy payment to the firm is subject to the registration of firm name in **Active Tax Payer List of FBR**, otherwise payment will be stopped till the appearance of vendor name in ATL of FBR.
33. Income Tax/ Sales Tax etc. will be deducted from bill as per Govt. Rules.

34. Last date for receipt of the tender in the Procurement Section of NIE is **March 09, 2021 up to 11:00 hours**. Technical proposals of the received firms shall be opened on the same day at **11:30 hours** in the presence of those who wish to be present. Tenders received late will not be considered in any case.
35. The Director General NIE reserves the right to accept or reject any or all tenders in part or whole, or change the quantity of tendered items as per provision of PPRA Rules.

Arshad Hussain Afridi
Dy. Director Procurement
NIE, Islamabad
Ph: 051-9265009 (Ext: 217)