GOVERNMENT OF INDIA
INCOME TAX DEPARTMENT
OFFICE OF THE DIRECTOR GENERAL OF INCOME TAX(INV),
8TH FLOOR, AAYAKAR BHAVAN, BASHEER BAGH,
HYDERABAD-500 004,

PH.NO: 040-23425125   FAX:040-23299201

F.No.DB/DGIT(HYD)/2018-19/1   Date: 25.01.2019

TENDER NOTICE FORPURCHASE OF INFRASTRUCTURE FORSERVER ROOM

Sealed quotations are invited from reputed agencies/firms/individuals for purchase of INFRASTRUCTURE FOR SERVER ROOM listed in the Annexure attached herewith for use at the office of the Director General of IncomeTax(Investigation),Hyderabad. Interested parties may submit quotations in sealed envelope to the office of Director General of Income Tax (Investigation), 8th Floor, AayakarBhavan, Basheerbagh, Hyderabad-500004 on or before **18-02-2019 ,4.00 PM**. The bids will be opened at 11.00AM on 21-02-2019 at this office. Representatives of the interested parties may make themselves available at that time. Details can be collected from the Office of the Director Generalof IncomeTax (Investigation),Hyderabad during officehours.

(M.SATISH)
Addl. Director of Income Tax (Inv.),
Nodal Officer, O/o DGIT (Inv.), Hyderabad

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TENDER NOTICE FOR PURCHASE OF INFRASTRUCTURE FOR SERVER ROOM

For and on behalf of The President of India, sealed tenders are invited by the Director General of Income Tax (Investigation), Hyderabad from Reputed Manufacturers/Authorized Dealers for the supply of following **INFRASTRUCTURE FOR SERVER ROOM** for the office of the Director General of Income Tax(Investigation),Hyderabad subject to the conditions as per Annexure B. The following are therequirementsfor which theTenders are invited.

S.No	ItemName	Qty
1	Router, Firewall etc. asperspecificationsattachedasAnnexureA-1	1
2	Server (AS + DB =INSproxyserver) (AnnexureA-2)	3
3	PCs for alarms with RHEL 6(Fedora)(AnnexureA-3)	1
4	PCs for provisioning and system administration with Windows 8.1(Annexure A-3)	6
5	OS:RHELserverversion6.5software	3
6	Db:MySQLEnterprise serversoftware perpetuallicence	1
7	RJ-45Cat6Ecables,3Mtrs.	15
8	19" rack with KVM, rack optimized mouse, ke board & Monitor. (Annexure- A-4)	1

The quantities/numbers and specifications are as per Annexure A attached. The entire hardware and software shall carry a comprehensive onsite warranty of 3 years from the date of commissioning. The tender must also include maintenance contract for 3 years.

The tenders should be submitted on or before 18.02.2019, 4.00 PM. The bids will be opened at 11.00 AM on 21.02.2018 at the office of Director General of Income Tax (Investigation), 8th Floor, AayakarBhavan, Basheerbagh, Hyderabad-500004. The tender documents can be downloaded from the website www.eprocure.gov.in www.incometaxindia.gov.in (Tab Tenders) or www.incometaxhyderabad.org or can be collected from the office of Director General of Income Tax (Investigation), 8th Floor, AayakarBhavan, Basheerbagh, Hyderabad-500004.

(M.SATISH)
Addl. Director of Income Tax (Inv.),
Nodal Officer, O/o DGIT (Inv.), Hyderabad

Terms and conditions:

1. Interested concerns are requested to quote the rate of the above items inclusive of all related expenses such as transportation cost, taxes applicable etc.warranty period and maintenance contract for 3 years for the same in their quotation.

3. If the allotted work is not completed by the successful bidder within the prescribed time limit an amount of the 10% of the bill amount will be deducted from the final payment to the success bidder as penalty.

4. The Director General of Income Tax (Investigation), Hyderabad reserves the right to accept or reject any or all quotations without assigning any reasons.

5. Notwithstanding anything contained above, this contact can be cancelled by the department without any notice for violation of any terms and condition of the contract.

6. The decision of tenders purchase committee shall be final with regard to technical/financial bid.

7. Tender shall be submitted in two parts in the specified formats:
    1. Technical Bid (Annexure B 1)
    2. Financial Bid (Annexure B 2)

   The Technical Bid form and Financial bid forms in the prescribed proforma, complete in all aspects, sealed separately, and kept in a sealed cover together, superscribed as **"TENDER FOR SUPPLY OF PURCHASE OF INFRASTRUCTURE FOR SERVER ROOM"** should be submitted to the office of theDirector General of Income Tax (Investigation), 8th Floor, AayakarBhavan, Basheerbagh, Hyderabad-500004 on or before **18.02.2019,4.00PM.**

8. Each page of the technical bid containing specification and financial bid shall be signed and stamped by the bidder or its authorized signatory.

TECHNICAL BID DOCUMENT

1. Name of the Supplier

2. Address (with Telephone No. and Fax No.)

3. Contact person(s) with Designation (with Mobile No. & Email ID)

4. Details of entity Registration/VAT Registration (copies to beattached)

5. PAN/TAN (copies to be attached)

6. How many years you are in business and the major brands you deal with

7. Please specify the brand, specifications, warranty/extended warranty and after sales commitments of the items you offer (if required separate annexure to be attached).

8. Supporting information with respect to the technical data, drawings or booklets of product.

9. Any product manual brief, test certificates available may be enclosed.

10. Any other point you want to mention.

DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my/our knowledge. I understand that in case any deviation is found in the above statement at any stage, I/We will be blacklisted and will not have any dealing with the Department in future.

Signature of Authorized Signatory with date

FINANCIAL BID DOCUMENT

1. Name of the Supplier

2. Address with contact No.

3. Authorized Person with Designation (Contact No.)

4. Quoted Price Total for all items (Both in words and figures) (All inclusive)

S. No.	Item Description	Configuration/Specification	Unit Price (Inclusive of all taxes)

DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my/our knowledge. I understand that in case-any deviation is found in the above statement at any stage; I/We will be blacklisted and will not have any dealing with the Department in future.

Signature of Authorized Signatory with date

Specifications

A.1   Specification for Secure Service router

S.No.	Specifications
A.	Performance Requirement
1.	Wire-speed performance equivalent to 45Mbps or higher for concurrent services such as Routing and Firewall, IPS, VPN, Encryption/Decryption.
2.	Active/Active and Active/Standby support for all services and stateful failover of runtime sessions using integrated or dedicated Stateful Firewall. Incase if firewall is dedicated module or chassis it should support transparent mode to avoid the creation of additional L3 network inbetween.
3.	• 4x10/100/1000 Mbps and 2xGigabit SFP (SX & LX one each) router Ports (At least 4 Ports should be usable in any combination) • 16x10/100/1000 Mbps L3 Switched Ports at wire speed,
4.	Hardware based encryption and VPN Support for 3DES, and AES 256, VPN tunnels.
5.	Intrusion Prevention as well as other essential security features.
B.	Routing & Multicasting
6.	IPv4 and IPv6 support, including IPv4-IPv6 tunnels
7.	Static routing, RIPv1/2, RIPng for IPv6, OSPFv2 and v3, BGP4/4+
8.	Policy-based routing
9.	Inter-VLAN routing
10.	High availability: VRRP, redundant router connections
11.	IGMPv1/2/3 for IPv4; MLDv1/2 for IPv6
12.	PIM-SM for IPv4/v6
C.	LAN Features
13.	10/100/1000 Base-TX
14.	IEEE 802.1x port authentication, MAC based authentication
15.	IEEE 802.1p
16.	IEEE 802.1Q
17.	IEEE 802.3ad LACP
18.	IEEE 802.1s MSTP
19.	VLAN Registration Protocols for dynamic VLANs
20.	Port mirroring
21.	Jumbo frames
D.	WAN Features
22.	Serial V.35
23.	Point-to-Point Protocol (PPP), including PPP over Ethernet (PPPoE)
24.	HDLC
25.	Multilink PPP (MLPPP)
E.	Quality of Service/Traffic Management

S.No.	Specifications
26.	WRED, DiffServ, bandwidth guarantee/sharing, flow monitoring, traffic policing
27.	8 level Priority Class Based Queuing – Per IP address/subnets, ports, DSCP and ToS bits, VLAN ID, (802.1Q), VLAN Priority (802.1p)
S.No.	Specifications
28.	VLAN Classification (port and MAC based)
F.	Firewall
29.	Stateful Packet Inspection and failover Firewall
30.	Routed or transparent mode of operation
31.	Multiple zone support (including Corporate, Internet, DMZ)
32.	Access Control Lists (ACL)
33.	NAT, including policy-based NAT/PAT
34.	Multiple Distributed Denial of Service (DDoS) Attack Preventions
35.	IPSec, L2TP, PPTP
36.	IPS: Integrated Inline DPI based detection and mitigation of all network threats and viruses. Signature updation/distribution should be possible through centrally placed in-house management server.
G.	VPN
37.	Integrated hardware for encryption and VPN acceleration
38.	IPSec VPN with Stateful failover, **Group VPN Based on RFC 6407, GDOI**
39.	3DES, AES, SHA1, SHA-256
40.	VPN Client support
H.	Management & Service provisioning
41.	Management: Telnet, SSHv2, SFTP, PAP, CHAP, SNMPv2, SNMP v3, DHCP, DNS Proxy, RADIUS, TACACS+, PKI functions and management of keys and X.509 digital certificates.
42.	Monitoring: Syslog, statistics, RMON, alarm
43.	Diagnostics: BERT, loopback testing, trace route, packet capture
I.	Reliability & Availability
44.	Support for redundant power supply (Internal) and variable-speed cooling fans.
45.	Hot swappable Modules
J.	International Power Safety & Energy efficiency certifications
46.	UL/CSA/IEC/EN 60950-1
47.	Common Criteria EAL3 certification (ISO/IEC 15408) for the product or family

A.2 Specification for Server

S. No.	Parameter	Specifications
1.	Processor	Intel® Xeon® processor E5-2670v3 or higher
2.	No of Processors	2
3.	Memory	128 GB using either 4x32GB or 8x16GB DDR4-2133 Registered DIMMS (LV and LR DIMMS also acceptable) Shall be expandable upto 768GB or more.
4.	PCI Slots	Minimum 1 nos. of PCI-Express Gen3 Slot shall be available for future expansion (After taking into account all the mandatory and optional hardware mentioned in this document)
5.	Interface Ports	a) Serial port - 1; b) Mouse - 1; c) Keyboard - 1; d) VGA Graphics - 1; e) USB 3.0 or above - 4; f) RJ45 Network ports - 4 +1(for Remote Management) (In case Mouse and Keyboard are USB based then additional USB ports to be given. Similarly for serial port converted from USB, additional USB port shall be provided along with USB to Serial converter.)
6.	Hard Disk Drive	To be supplied with 6 x 900GB (or higher capacity) 12G SAS Enterprise HDD in RAID6.
7.	Bays	Should support minimum 8 nos. of SAS Drives
8.	RAID Controller	12 Gbps or higher throughput HW RAID Controller supporting RAID 0/1/1+0/5/6 with minimum 1 GB of Flash-backed write cache.
9.	FC HBA	2 x Single Port Qlogic 8Gbps FC Host Bus Adapter
10.	Optical Drive (internal)	DVD-RW Drive(or DVD/CD Compatible Blu-Ray Disc Drive)
11.	Graphics Controller	Integrated on-board graphics with support for 16 Million color: resolution of 1280 x 1024
12.	Gigabit Ethernet ports	4 nos of Gigabit Ethernet ports full duplex. The network ports should also provide the following functionalities for all supported OS: • Ethernet Bonding, Failover and load balancing, • Wake on LAN, • Pre-Boot Execution Environment (PXE), • Multiple VLAN tagging,

		Auto-negotiation for 10/100/1000 Mbps
13.	Redundant Power Supplies	Redundant Hot Plug Power Supplies (230 VAC). The power supplies shall be either 80 Plus platinum certified or better
14.	Redundant cooling Fans	Redundant Hot Plug fans
15.	Form Factor	Rack mountable with rack mount kit and rails(preferably 2U or less)
16.	OS Support	The quoted server should support the following Operating Systems: a) RHEL 6 and above ; b) VMware vSphere™ 5.0 and above
17.	Backup drive	LTO-6 tape drive (preferably internal) with six media and one cleaning cartridge *in case external tape drive is quoted additional controller and rack mounting accessories shall be provided*
18.	Remote Manageability	a) It shall be possible to manage the server hardware and software components remotely. b) The server hardware shall be manageable even when it is shutdown or crashed. c) It shall be possible to power on/off and boot the system remotely; d) It shall have the following features: • • • • real time power reading; • POST and failure sequence replay; Event log; • Browser and CLI support; Secure Socket Layer; Secure Shell.
19.	Server Management	OEM software for management of Servers must be included as standard. It should integrate with any SNMP based industry standard Network Management Software. (The SNMP MIBs for all the hardware and software components

		shall be provided in a DVD media). Should provide Fault management and automatic event handling through e-mail, SMS. Should provide Role based secured remote management using Secure Sockets Layer (SSL) and Secure Shell (SSH) to encrypt management communications. Should provide Pre-failure warning for- CPU, Memory, and HDD. Should have local LED/LCD based diagnostic panel for easy fault identification.
20.	Warranty	The entire hardware and software shall carry a comprehensive onsite warranty of 3 years from the date of commissioning

A.3 Specification for Desktop

S. No.	Parameter	Details
1	CPU/Speed	4th Generation Intel® Core™ i7-4770R processor or higher (6 MB or higher Cache, 3.9 GHz)
2	RAM	2 x 4 GB DDR3, 1600 Mhz DDR3 RAM upgradable to 16 GB or more(in case of higher generation CPU compatible memory shall be quoted)
3	Storage	• 2 x 500 GB 7200 rpm SATA II HDD or later • DVD-RW Drive
4	Video Controller	Integrated
5	Monitor	21" TFT Flat Panel Display LED backlit (Full HD)
6	Keyboard	Multimedia/Internet Keyboard
7	Audio	Integrated, External Stereo Speakers and noise cancellation type headsets
8	Network Interface	2 x 10/100/1000 Mbps Ethernet Network Card, Auto sensing.
9	Bus Slots	One x16 PCI Express slot
10	Ports	Minimum 4 USB Ports
11	Mouse	Optical Scroll (3 button) Mouse with mouse pad
12	Power Suppl y	220-240 VAC, 50 Hz With Indian Power cables
13	Drivers/Accessories	Required drivers and cables to be provided
14	O.S	(a) Genuine Microsoft 64 bit Windows 8.1 Professional with License and Media. (Restore CD's not acceptable. Required Driver CD's to be provided). (b) Antivirus with three years subscription
15	Warranty	(a) 3 years Comprehensive onsite warranty support for Hardware from the date of Installation/Acceptance (b) Vendor should provide OEM warranty card mandatorily (c) The equipment shall be supported for atleast 5 years from the date of acceptance
16	Post Sales Support	Principal/Supplier should have a full fledged service center in Delhi, Mumbai, Bangalore, Hyderabad and Chennai and Kochi

17	Installation	Installation/Creation of Partition, OS Installation and enabling Restore option onsite
18	Cables, connectors and accessories	All the necessary cables, connectors and accessories if any to be provided.

A.4   Specification for 19" Rack

Sl.	Specifications
1.	DIMENSIONS: 42U 800mm (W) X 1000mm (D)
2.	Color : Powder coated Black
3.	At least two (2) rear vertically mounted PDUs with a total of 24 nos. of 6A/16A, 230V sockets. The inputs to the PDUs shall be provided using NEMA connectors. Two sets of single phase 32A NEMA connectors (each set inclusive of both male and female parts) along with 2 nos. of 32A MCBs and mounting boxes` shall be provided. 15 meter long FRLS power cables with each wire having 4 mm² cross sectional area shall be provided for input to each PDU. The electrical cabling from the UPS output point available at the site to the NEMA connector BOX near the rack shall have to be carried out by the bidder using 4 mm² FRLS cable and appropriate cap-on-casing or conduit depending on the site suitability. All cables, sockets and circuit breakers shall be ISI/UL certified
4.	Top mounted Fan Tray with 4 fans (should not consume mounting slots (out of 42 U) or sockets in the PDU)
5.	2 Fixed tray
6.	1 sliding 2U drawer
7.	Wheels with locks
8.	1 U sliding rack optimized Keyboard, mouse, monitor with KVM to connect 6 servers and the networking equipment
9.	Grounding Kits
10.	Perforated metal front door (single) and back doors (double) with door knobs at the outside of the doors and both should have unique lock and key arrangement. There shall be two LED lamps inside the rack, one at the front side and one at the back side which shall turn-on only when the front door and the back doors are opened. The purpose is to provide visibility to the front and back sides of the equipment inside the rack.
11.	Rear vertical cable managers
12.	Metallic side panels
13.	Provision for air flow
14.	Mounting Hardware
15.	100 nos. of nuts and bolts
16.	A Packet consisting of 100 nos of reusable Velcro tie wraps
17.	RJ-45 Cat 6E patch cords, factory crimped with boot for protection, UL/ETL Certified , length, length: 3 Meters