ज्ञापांक.02/404348..../आपूर्ति

95—1—12—2018

पुलिस महानिदेशक का कार्यालय, बिहार, पटना

पटना,दिनांक— 02/01/19

सेवा में,

निदेशक,

सूचना एवं जनसम्पर्क विभाग,

बिहार, पटना।

विषय— निविदा आमंत्रण सूचना सं0—22/2018—19 के प्रकाशन के संबंध में।

निदेशानुसार उपर्युक्त विषय के सबंध में निविदा आमंत्रण सूचना सं0—22/2018—19 की प्रतियाँ भेजते हुए अनुरोध है कि इसे राज्य एवं राज्य से बाहर के प्रमुख समाचार पत्रों में (अंग्रेजी एवं हिन्दी) के अगले दो संस्करणों में प्रकाशित कराने की कृपा की जाय साथ ही पी0आर0डी0 वेबसाईट पर भी प्रसारित करने की कृपा की जाय।

इस निविदा आमंत्रण सूचना का प्रकाशन किन—किन समाचार पत्रों में किया गया इसकी सूचना देने की कृपा की जाय।

अनु0—यथोपरि।

पुलिस महानिरीक्षक के सहायक (क्यू0),

बिहार, पटना

प्रतिलिपिः—

1. आई0टी0 मैनेजर, पुलिस महानिदेशक का कार्यालय, बिहार, पटना को कृपया सूचनार्थ। कृपया इसे आज ही वेबसाइट पर अपलोड किया जाय। साथ ही Indian Trade Journal, Kolkata के अंक में प्रकाशन हेतु Government of India, the Controller of Publications, Civil Lines, Delhi : 110 054,(Tel No. 011-23812527, FAX : 011-23817846), Email Id-sk.mondal.dgcis@nic.in के पतेपर भी अनिवार्य रूप से भेजा जाय।

2. Government of India, the Controller of Publications, Civil Lines, Delhi : 110 054,(Tel No. 011-23812527, FAX : 011-23817846), Email Id-sk.mondal.dgcis@nic.in को कृपया सूचनार्थ एवं आवश्यक क्रियार्थ प्रेषित। अनुरोध है कि उक्त निविदा का प्रकाशन Indian Trade Journal, Kolkata के अंक में करने की कृपा की जाय।
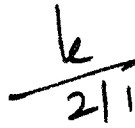
पुलिस महानिरीक्षक के सहायक (क्यू0),

बिहार, पटना

Police Headquarters, Bihar, Patna
Notice Inviting Tender No.-22/2018-19

1. Name of the Department: Office of Director General of Police, Bihar, Patna.
2. Last date & time for the acceptance of the tender : 24/01/2019, Till 02:00 PM
3. Date & time fixed for the opening of the tender : 24/01/2019, At 04:00 PM
4. Place fixed for receiving & opening the tender : Office of Director General of Police, Bihar, Patna.
5. Details of Job:

S.N.	Item name	Quantity
1	Server (AS + DB + IMS Proxy Sever)	02
2	PCs for alarms with RHEL 6	01
3	PCs for monitoring, provisioning and intercept administration and system administration with Windows 8.1	06
4	Router, Firewall etc, as per specifications attached as Annexure A	01
5	OS: RHEL server version 6.9 software ·	02
6	RJ - 45 Cat 6E cables, 3 Mtrs	15
7	19" rack with KVM, rack optimized mouse, keyboard & Monitor	01

Specifications and other terms & conditions of the tender may be obtained in person from this office or may be downloaded from the website www.prdbihar.gov.in or www.biharpolice.bih.nic.in.

AIG (Q)
Bihar, Patna

Terms & Conditions of Tender No.-22/2018-19

1. The tender should be submitted in two parts: (i) Technical Bid and (ii) Financial Bid, duly sealed in two separate envelopes super-scribed as "Technical Bid" and "Financial Bid".

2. All relevant papers/ E.M.D./certificates/specifications etc. of items should be enclosed in the Technical Bid.

3. The rates of the items shall be quoted in the Financial Bid only.

4. All charges like IGST/CGST/SGST etc. shall be clearly mentioned in the Financial Bid and the net rate (in figures and words) including all taxes and duties must also be quoted. Vague offers like indicating taxes "as applicable" will not be accepted.

5. The rates of the items shall be quoted in the Financial Bid in two parts :
   (i) With AMC (Annual Maintenance Contract) and (ii) Without AMC

6. There should be no cutting, over writing or correction on the rates.

7. The technical and financial bids for each item should be submitted separately in separate envelopes. The technical and financial bids for more than one items submitted together in the same envelope shall not be accepted.

8. If the financial bid is submitted in the same envelope containing the technical bid then also it shall be summarily rejected.

9. The technical and financial bids should be put in two separate sealed envelopes and the envelopes should be marked Tender No-22/2018-19 (Technical Bid) and Tender No-22/2018-19 (Financial Bid) along with the name and address of the firm. The sealed envelopes containing the technical and the financial bids should be sent in another sealed envelope which should be marked as Tender No-22/2018-19. This envelope should not bear the name and address of the firm.

10. Income Tax Returns of last three years, a photocopy of GST registration number of the participating firm and turn-over of any two of the previous three financial years should be submitted with the technical bid. It should be specifically mentioned whether IT return has been filed manually or electronically.

11. The turnover of the firm for the last reported financial year should be at least equal to the amount of the supply order which is being issued. A copy of the profit and loss Account of the firm for any two of the previous three financial years, certified by a Chartered Accountant should be submitted along with the tender. If the tenderer is authorized dealer or authorized supplier of manufacturing firm, then the certified details of the turnover of authorizing firm may be accepted. Tender specific authorization from the OEM must be submitted, but in certain cases where authorization from OEM is not required, the Technical-cum-User committee (T.U.C.) shall decide about exemption (if any) on a case-by-case basis; citing appropriate reasons for the same.

12. If there is some discount in the price of any item, it should be deducted from price itself and such discounts should not be quoted separately.

13. If the product is available on DGS & D rate contract, then a copy of the contract must be attached and pricing be done including all taxes.

14. A copy of the test report for the product issued by any established and recognized private Laboratory or by agency accredited by the Government should be attached with the technical bid. However if required, the Technical-cum-User committee (T.U.C.) can take decision regarding exemptions/relaxations (if any), citing appropriate reasons.

15. In case of Bullet Proof/Bullet Resistant items, test report of TBRL or any Government Approved/Recognized Laboratory is compulsory.

16. Firms participating in this tender shall also submit duly sworn affidavit to the effect that " this firm has not been black listed/debarred by any Government or Semi Government or Private Agency and no sister concern of this firm is participating in this tender."

17. Firms participating in this tender shall also submit the self attested list of users of its equipments.

18. All items shall be received at Central Clothing Store, Patna; therefore price should be quoted FOR Central Clothing Store, Phulwari Sharif, Patna.

19. Firms will have to deposit a sum of Rs.50,000/- (Fifty Thousand) only as an earnest money deposit in the form of Bank Draft duly pledged in favor of the undersigned along with the quotations. The small scale units located in Bihar shall not be liable to deposit earnest money. Exemption from submitting E.M.D. will also be available to those who are registered with the Central Purchase Organization/State Purchase Organization and National Small Industries Corporation (NSIC).

20. Technical Bids will be opened on scheduled date and time in the office chamber of Police Headquarter. Representatives of the firms competing in the tender may remain present at the time of opening of the technical bid.

21. The technical bids will be opened first and placed before the Technical Committee of the Police Headquarters, Bihar. If the technical bids are found satisfactory as per tender conditions, it will be put before Central Purchase Committee of the Police Headquarters, Bihar. The firms may be required to participate in the demonstrations of the quoted product and discussions with this committee.

22. Any paper/document will not be accepted after opening the tender.

23. Successful firm will have to enter into an agreement after depositing a sum of 5% of the total value of the order as security money in the form of Bank Guarantee duly pledged in favor of undersigned.

24. The firm will be required to provide satisfactory after-sales service after the delivery of the product.

25. The firm will be required to supply all the items within the stipulated time frame as mentioned in the purchase order.

26. Payment for the delivered items will be made only after the acceptance report of the Inspection Committee of the Police Headquarters, Bihar.

27. The firm whose quotation is approved by the Central Purchase Committee of the Police Headquarters, Bihar, shall be invited to enter into an agreement with the undersigned.

28. It is expected to submit the duly filled chart attached herewith, along with the technical bid if not the tender shall be summarily rejected.

29. Indexing of the requisite documents must be done and submitted along with the technical bid.

30. Hands on training for 3 weeks of the equipment must be imparted to the user group by the firm after successful installation.

31. Director General of Police Bihar, Patna reserves the right to reject any or all the quotations partially or fully, without assigning any reason thereof.

32. The Quantity indicated may increase or decrease at the time of issuing purchase order.

33. The bids must be include the data sheet of individual item.

A I G (Q)
Bihar, Police.

Specifications

General Conditions:

1. Faulty Hard disks shall not be returned back.

2. Network & Security Solution shall be integrated with existing Pan India network; therefore, vendor should ensure interoperability w.r.t. Group VPN Based on all the aspect of RFC 6407 (Key server, policy server, CA server, Management servers etc.), GDOI.

3. The offered equipment should not be end of sale within one year of last date of submission of tender and out of support for next 5 years.

4. Router and Firewall can be a single box solution or two box solution.

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 in-between.
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

S.No.	Specifications
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**
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)
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, 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.	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 (ISO/IEC 15408) EAL or NIAP/CCEVS Protection Profiles certification for the model or family

A.2   Specification for Server

S. No.	Parameter	Specifications
1.	Processor	Intel® Xeon® processor Gold 6152 or higher
2.	No of Processors	2
3.	Memory	128 GB using 8x16GB 16GB RDIMM, DDR4-2133MT/s, or higher (LRDIMMs also acceptable)
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 1.8TB (or higher capacity), 10K rpm 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.	Optical Drive (internal/external)	DVD-RW Drive (or DVD/CD Compatible Blu-Ray Disc Drive). External is acceptable if tray is provided.
10.	Graphics Controller	Integrated on-board graphics with support for 16 Million colors: resolution of 1280 X 1024 or higher
11.	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

12.	Redundant Power Supplies	Redundant Hot Plug Power Supplies (230 VAC). The power supplies shall be either 80 Plus platinum certified or better
13.	Redundant cooling Fans	Redundant Hot Plug fans
14.	Form Factor	Rack mountable with rack mount kit and rails (preferably 2U or less)
15.	OS Support	The quoted server should support the following Operating Systems: a) RHEL 6 and above; b) VMware vSphere™ 5.0 and above
16.	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*

17.	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 replay;
		  • Event log;
		  • Browser and CLI support;
		  • Secure Socket Layer;
		  • Secure Shell.

18.	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 or USB 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. Preferably it should have local LED/LCD based diagnostic panel for easy fault identification.
19.	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	Intel® Core™ i7-7700 with Intel® HD Graphics 630 (3.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)
2	RAM	16 GB DDR4-2400 SDRAM (upgradable to 32 GB without discarding existing memory)
3	Storage	• 2 x 1 TB 7200 rpm SATA 3Gb/s hard drive or better (SSHD also acceptable) • Optical Drive – 22X DVD+/-R/RW (or better) with DVD writer Software. Shall be able to write on dual layer DVD media
4	Video Controller	Intel HD Graphics Multiple Displays, Multi-Tasking Display port out for dual independent Displays
5	Graphics	21.5" LED Flat Panel Display with 1920X1080 resolutions
6	Keyboard	Multimedia/Internet Keyboard and Optical Mouse from OEM
7	Audio	• Integrated high definition with audio ports • High Definition Stereo Headset (Headphone with Microphone) with noise cancellation • External Stereo Speakers
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 6 USB 2.0/3.0 ports inclusive of at least two USB 3.1 1 RJ45 1 VGA 1 Display Port 2 Line in (stereo/microphone) 2 Line out (headphone/speaker)
11	Mouse	Optical Scroll (3 button) Mouse with mouse pad
12	Power Supply	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 10 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 and OS from the date of Installation/Acceptance (b) Vendor should provide OEM warranty card mandatorily (c) The equipment shall be supported for at least 5 years from the date of acceptance
16	Post Sales Support	Principal/Supplier should have a full-fledged service center at the city of installation
17	Installation	Installation/Creation of Partition, OS Installation and enabling Restore option onsite
18	Cables, Drivers connectors and accessories	All the necessary cables, drivers, connectors and accessories if any should be provided.

A.4 Specification for 19" Rack

Sl.	Specifications
1.	DIMENSIONS: 42U 800mm (W) X 1200mm (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, C13 sockets. The inputs to the PDUs shall be provided using NEMA connectors. Two sets of single phases 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 mm^2 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 mm^2 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. **Note: Compatible Power Cords should be provided for all Equipment Supplies.**
4.	Top mounted Fan Tray with 4 fans (should not consume mounting slots (out of 42 U) or sockets in the PDU)
5.	1 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