

**ERNET India**

(An Autonomous Scientific Society under Department of Information Technology, Govt. of India)  
Electronics Niketan,  
6, C.G.O. Complex,  
Lodi Road, New Delhi-110 003

No. EI-D/GA/1-19/2010

Dated : 28<sup>th</sup> July' 2010

Due Date : 13<sup>th</sup> August' 2010 Time 3.00 P.M.

Opening of Bids : 13<sup>th</sup> August' 2010 Time 3.30 P.M.

To

**Subject : Invitation of Bids for Supply of Computers, Laptops and Servers – reg.**

Sir,

**ERNET India**, an Autonomous Scientific Society under Department of Information Technology, Govt. of India, is a Class 'A' Internet Service Provider for the Education and Research community in India.

2. ERNET India is a nodal network for integrating education & research institutions in the country. An Internet service is one of the services being provided by ERNET India to these institutions. The services are provided through 15 Points of Presence (PoPs) located at the premier education & research institutions in the country. All these PoPs are connected on high-speed backbone with international connectivity. More than 250 educational institutions are connected on the Network through these nodes.

3. Sealed tenders are, therefore invited from the reputed manufacturers or their authorized representatives for entering into rate contract for supply of items as per **Annexure-I**.

The following instructions should be carefully noted:

**GENERAL CONDITIONS**

1. The bidder must be a reputed manufacturer or his authorized representative of the type of product offered. The authority from the manufacturer/distributor must be submitted alongwith the bid. **The bids received without authority will liable to be rejected.**

2. Quotations should be submitted in two separate sealed covers. First cover indicating, "**COVER FOR TECHNICAL SPECIFICATION**" should consist of only technical specification of the system offered along with literature, pamphlets, drawing etc. This cover should contain complete technical specifications, make, model, names of supplier/manufacturer and commercial terms etc. of the system offered. Price column in this cover should be kept blank. Second cover indicating, "**COVER FOR PRICE BID**" should consist the same details of first cover as well as price details also. **Both the covers should first be sealed separately**, and then both the covers should be kept **in a single sealed bigger cover**. This cover addressed by name to the officer signing this enquiry should be submitted before due date and time.

3. Sealed tenders are, therefore, invited from the reputed manufacturers or their authorized representatives for supply of Computers, Laptops and Servers in conformity with Technical Specifications as at **Annexure-I**. Interested parties who wish to supply the Computers, Laptops and Servers may collect Tender Document in person against a

Demand Draft or Banker's Cheque of **Rs.2,000/-** drawn in favour of "**ERNET India**", **New Delhi from Shri Gulshan Kumar, Section Officer, ERNET India.**

**Note :** The Tender Document can also be download from [www.eis.ernet.in](http://www.eis.ernet.in). In such case, an amount of **Rs.2,000/-** in the form of Demand Draft/Banker's cheque drawn in favour of ERNET India would be required to be furnished along with the Technical Part of the bid.

4. Bids should be valid for a minimum period of 180 days after the due date.

5. Envelope should bear the inscription

**"Quotation for Supply of Computers, Laptops and Servers"**

**"Tender Enquiry No.: EI-D/GA/1-19/2010"**

**"Due Date & Time: 13<sup>th</sup> August' 2010 (3.00 PM)**

**"Due Date & Time for Opening of Bids: : 13<sup>th</sup> August' 2010 (3.30 PM)**

6. The Bids must reach the undersigned on or before the due date, i.e., on : **13<sup>th</sup> August' 2010 by 3.00 p.m.** Bids received after the due date & time is liable to be rejected. In the event of due date being a closed holiday or declared Holiday for Central Government offices, the due date for submission of the bids will be the following working day at the appointed time & venue.

7. The rates should be quoted in Indian Rupees for delivery at the premises of ERNET Pop at Bangalore and ERNET India, New Delhi. All prices shall be fixed and shall not be subject to escalation of any description. The rates must be quoted as per the Performa provided in **Annexure-II.** Price comparison will be made as per bill of material specified in **Annexure – II.**

8. Govt. Levies like sales tax, octroi, WCT etc., if any, shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, Sales Tax etc., if any.

9. It may specifically be mentioned whether the quotation is strictly as per tender specifications/conditions. If not, deviations must be spelt out specifically. **In the absence of this, the quotation may be rejected.**

10. Please give the Registration number of the firm along with the LST/CST/WCT No. allotted by the concerned authorities in your quotation.

11. ERNET India reserves the right to accept or reject any bid or cancel the tender proceedings without assigning any reason whatsoever.

12. The bidders should quote the products strictly as per the tendered specifications giving models, make and exact specifications. All the technical literature for the products offered by the bidder may be enclosed in the bid. **Quotations with incomplete technical details shall be rejected.**

13. **Incomplete quotations are liable to be rejected.**

14. Bidder shall sign all pages of quotation and drawings forwarded with the quotation.

15. In case of any discrepancy between rates mentioned in figures and words, the latter shall prevail.

16. Bidder should quote for all the items.

17. ERNET India may waive any minor infirmity or may seek any clarification, if so desired.

18. Any attempt of negotiation direct or indirect on the part of the tenderer with the authority to whom he has submitted the tender or authority who is competent finally to accept it after he has submitted his tender or any endeavor to secure any interest for an actual or prospective tenderer or to influence by any means the acceptance of a particular tender will render the tender liable to be excluded from consideration.

19. The vendor will have to arrange for all the testing equipment and tools required for installation, testing, maintenance etc.

20. ERNET will have the right to reject the components / equipment supplied if it does not comply with the specifications at any point of installation / inspection.

21. The vendors should give clause-by-clause compliance for the technical specification of the equipments in their technical bids.

22. **INSPECTION**

ERNET India or its representative shall have the right to inspect or to test the items to confirm their conformity to the ordered specifications. The supplier shall provide all reasonable facilities and assistance to the inspector at no charge to ERNET India. In case any inspected or tested goods fail to conform to the specifications, ERNET India may reject them and supplier shall either replace the rejected goods or make all alterations necessary to meet specification required free of cost to ERNET India.

23. **EARNEST MONEY DEPOSIT / Tender Fee**

- i) Each quotation must be accompanied by Earnest Money Deposit of Rs. 1,50,000/- (Rupees One Lakh Fifty Thousand only) shall be in the form of Demand Draft/Pay Order/Bank Guarantee of any Nationalized Bank taken in the name of Chief Finance Officer, ERNET India, New Delhi. Bank Guarantee should be valid minimum for a period of 180 days from due date of the quotation. **Quotations received without Earnest Money Deposit are liable to be rejected.**
- ii) Earnest Money is liable to be forfeited and bid is liable to be rejected, if the tenderer withdraw or amends, impairs or derogated from the tender in any respect within the period validity of the tender.
- iii) The earnest money of all the unsuccessful tenderers will be returned after placement of order on the selected vendor. No interest will be payable by ERNET India on the Earnest Money Deposit.
- iv) The Earnest Money of successful bidder shall be returned after delivery & installation of equipments.
- v) EMD & Tender Fee must be submitted in the Technical Part of the Bid. Non-submission of Tender Fee EMD will be treated as non-responsive of the bid and bid will be rejected.

24. **WARRANTY / AMC**

- i) Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts free software up grades. The defects, if any shall be attended to on immediate basis but in no case any defect should prolong for more than 24 hours. The Comprehensive Warranty

shall be for a minimum period of one year for Sl. No. 3, 4, 6 & 8 and three years for Sl. No. 1, 2, 5 & 7 from the date of acceptance of the equipment by ERNET India. The AMC cost will be taken into account for deciding the lowest bidder.

- II) The firm shall assure to supply the spares parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 5 years from the date of supply of equipment on payment on approval price list basis.
- III) The firm would also provide AMC in respect of the Computers, Laptops and Servers on the rates quoted in their bid for a period of three years after completion of one year of warranty. Warranty and AMC services would be provided at the location, the Equipment were installed. However, AMC would be subject to satisfactory performance during warranty period and issuance of fresh purchase order for AMC.

25. **Payment Terms :**

90% payment shall be made by ERNET India after delivery and satisfactory completion of installation, commissioning, testing and acceptance of the equipment as well as receipt of pre-receipted bill in duplicate. 10% payment would be released after expiry of the warranty. However, release of 100% payment would be considered subject to furnishing of Bank Guarantee of the amount equivalent to 10% of the cost of the equipment drawn on any Indian Nationalized Bank in favour of ERNET India valid for the period of warranty.

26. **DELIVERY PERIOD**

The delivery is required within four weeks on placement of the purchase order. However, ERNET India has the right to reduce the delivery period from 4 weeks depending upon the requirement of the equipments. Any delay by the supplier in the performance of delivery of items shall render the supplier liable to any or all the following sanctions-forfeiture of its Earnest Money Deposit, imposition of liquidated damage as per para 27 below or / and cancellation of the purchase order for default.

27. **LIQUIDATED DAMAGES**

In the event of the Supplier's failure to have the stores ready for shipment / delivery by the date / dates specified in this Purchase Order, ERNET India may at its discretion withhold any payment, until the whole of the stores have been supplied by the contractor, as liquidated dam-ages and not any way of penalty at the rates of 1% of the consignment value per week or a part of a week subject to a maximum of 10%. The amount towards Liquidated Damage would be recovered from the amount of Bank Guarantee furnished by the firm or any payment due to the firm.

28. Rates quoted by the Bidder shall be final and no negotiation will be held.

Yours faithfully,

(S.C. Aggarwal)  
Registrar & CPO

**PRICE SCHEDULE FOR THE SUPPLY OF .....**

To,

The Registrar & CPO,  
ERNET India  
Electronics Niketan,  
6, CGO Complex,  
Lodi Road,  
New Delhi-110003

Tender No. \_\_\_\_\_ Date of Opening .....

We \_\_\_\_\_ hereby certify that we are established  
firm of manufactures/authorized agents of M/s.  
\_\_\_\_\_ With factories at \_\_\_\_\_  
\_\_\_\_\_ which are  
fitted with modern equipment and where the production methods, quality control and  
testing of all materials and parts manufactured or used by us are open to inspection by  
the representative of ERNET India. We hereby offer to supply the following items at the  
prices and within the period indicated below:

**Column A**

S.No.	Description	Unit	Qty.	Price per Unit free delivery at site (in Indian Rupees)	Total value of offer (in Indian Rupees)	Delivery Period
1.	2.	3.	4.	5.	6.	7.
1.	Servers (Towers) as per specification enclosed		02			
2.	Comprehensive Annual Maintenance Charges per Server (Towers) for three years on per year basis after one year of free warranty			@ _____ per Server (Towers) per year Service Tax extra @ _____ %		
3.	Servers (Rack Mountable) as per specification enclosed		02			
4.	Comprehensive Annual Maintenance Charges per Server (Rack Mountable) for three years on per year basis after one year of free warranty			@ _____ per Server (Rack Mountable) per year Service Tax extra @ _____ %		
5.	Servers (Rack Mountable) as per specification enclosed		10			
6.	Comprehensive Annual Maintenance Charges per Server (Rack Mountable) for three years			@ _____ per Server (Rack Mountable) per year		

	on per year basis after one year of free warranty			Service Tax extra @ _____ %
7.	24 Port Ethernet Switch		02	
8.	Comprehensive Annual Maintenance Charges per Ethernet Switch for four years on per year basis after one year of free warranty			@ _____ per Ethernet Switch per year Service Tax extra @ _____ %
9.	Wireless Access Point		02	
10.	Comprehensive Annual Maintenance Charges per Wireless Access Point for four years on per year basis after one year of free warranty			@ _____ per Wireless Access Point per year Service Tax extra @ _____ %
11.	Server Rack		01	
12.	Comprehensive Annual Maintenance Charges for Server Rack for three years on per year basis after one year of free warranty			@ _____ Server Rack per year Service Tax extra @ _____ %
13.	Redhat Enterprises		01	
14.	Comprehensive Annual Maintenance Charges for Redhat Enterprises for four years on per year basis after one year of free warranty			@ _____ Redhat Enterprise per year Service Tax extra @ _____ %
15.	Computers (i) Computers (ii)		30 06	
16.	Comprehensive Annual Maintenance Charges per Computers for three years on per year basis after one year of free warranty			@ _____ per Computer per year Service Tax extra @ _____ %
17.	Laptops		05	
18.	Comprehensive Annual Maintenance Charges per Laptops for four years on per year basis after one year of free warranty			@ _____ per Laptop per year Service Tax extra @ _____ %

**Column B**

<b>Break up of Price (in Indian Rupees)</b>					
<b>Ex- Factory Price</b>	<b>Sales Tax/ Service Tax, as applicable</b>	<b>Packing and forwarding charges in detail</b>	<b>Freight to Destination at site</b>	<b>WCT/Other charges (if any)</b>	<b>Total free delivery price</b>
A	B	C	D	E	F

1. It is hereby confirmed that we have understood the terms and conditions of the tender and have thoroughly examined specifications and are thoroughly aware of the nature of goods required and our offer is to supply goods strictly in accordance with the requirement and terms and conditions of the tender. We agree to abide by the terms and conditions of the tender if the contract is awarded to us.
2. We hereby offer to supply the goods detailed above or such portion thereof as you specify in the purchase order at the price quoted and agree to hold this offer open for acceptance for a period of 180 days from the date of opening of bid.
3. Bid security for an amount equal to Rs. ....../- is enclosed in the form of Bank Draft/Pay Order/ Bank Guarantee.

\_\_\_\_\_  
(Signature and seal of Manufacturer/Bidder)

Dated \_\_\_\_\_ 2010

**1. Servers (Towers) :- Two (2) Nos. at ERNET Bangalore office**

Form Factor	Tower
Processor	Latest generation 6-Core processor 2.66 GHz(minimum), 12Mb Cache or higher, supporting multi-thread capability providing SPEC_INT2006_Base of 325±5 and SPEC_FP2006_Base of 230±5 populated with two processor.
Chipset	Server class chipset supporting above mentioned processor
Memory	24 GB DDR3-1333 (populated) scalable to 256GB
Hard Disk	2 X 146GB (15K RPM) SAS Hard Drive
Network	Two dual port Broadcom 5709 Gigabit Ethernet with TOE
Keyboard	English (US)
Mouse	Optical Mouse
Monitor	21" Widescreen TFT Monitor
Operating System	Without operating system installed
DVD	16X DVD-ROM
Additional features	Virtualisation technology and turbo boost
Warranty	Three (3) Years

**2(i). Servers (Rack Mountable) :- 02 Nos. at ERNET Bangalore**

Server Type	1 U Rack Mountable
Processor	Latest generation 6-Core processor 2.9 GHz, 12Mb Cache or higher, supporting multi-thread capability providing SPEC_INT2006_Base of 330±5 and SPEC_FP2006_Base of 230±5 populated with two processor.
Chipset	Server class chipset supporting above mentioned processor
Memory	24 GB DDR3-1333 (populated) scalable to 256GB
Storage	2 X 500 GB SATA Hotplug Hard Drive
Network	Two Dual Port Gigabit Ethernet NIC with Load Balancing and Failover and IPV6 Support
Additional features	Virtualisation technology and turbo boost
Operating System	Without Operating System
Warranty	Three (3) Years

**2(ii). Web Servers (Rack Mountable):- Ten (10) Nos. at ERNET HQ**

Server Type	1 U Rack Mountable
Processor	Latest generation 6-Core processor 2.9 GHz, 12Mb Cache or higher, supporting multi-thread capability providing SPEC_INT2006_Base of 330±5 and SPEC_FP2006_Base of 230±5 populated with two processor.
Chipset	Server class chipset supporting above mentioned processor
Memory	24 GB DDR3-1333 (populated) scalable to 256GB
Storage	2 X 500 GB SATA Hotplug Hard Drive
Network	Two Dual Port Gigabit Ethernet NIC with Load Balancing and Failover and IPV6 Support
Optical drive	DVD RW drive 16X
Additional features	Virtualisation technology and turbo boost
Operating System	Window 2003/2008, RHEL 5.2 (advanced server)
Antivirus	Trend micro with 10 client license
Warranty	Three (3) Years

**3. Gigabit Ethernet (L2) Switch :-**

24 Port Gigabit Ethernet L2 Switch

**Interface:-**

10 / 100 / 1000 BASE-T Ports : 24  
SFP Slots (Combo) : 04  
VLAN Support : 802.1Q

**Warranty :-** One Year

**4. Wireless Access Points :-**

**Specifications :**

- i) IEEE 802.11 n Complaint
- ii) Backward Compatibility with 802.11 a / b / g Clients
- iii) 10 / 100 / 1000 BASE-T Interface (RJ-45)

**Warranty :-** One Year

**5. Server Rack :- One 19" Server Rack (42U) with Provision for Monitor, Keyboard and Mouse**

**Warranty :-** Three (3) Year

**6. Softwares :- Redhat Enterprise Linux 5.5 or 5.3 Operating System with One Year Warranty.**

Note: Item No.3-6 for Bangalore Office

**7(i). PC Technical Specifications :- Minitower (06 Nos. at Bangalore)**

Processor Speed	Latest generation 32nm dual core desktop processor 3.2 GHz, 4Mb Cache or higher, supporting multi-thread capability providing Sysmark2007 score of 200.
Cache memory	Minimum 4 Mb
Operating system	Genuine Windows 7 Professional 64bit Edition (English)
Monitor	21.5" TFT (full HD)
Memory	8 GB 1333 MHz DDR3-1333scalable to 16GB
Memory slots	4 DIMM
Internal Drive	500 GB SATA 3.0Gb/s Hard Drive
Optical drives	minimum- 16x DVD+/-RW Drive (double-layer DVD±RW/CD-RW drive)
Graphics memory & Card	32 MB is pre-allocated for graphics use at system boot time. 1024MB NVIDIA GeForce Graphics Card/ or 1GB ATI Radeon HD 5450 Graphics or equivalent
Ports	Rear: 6 USB 2.0, Front: 4 USB 2.0, and 2 internal flexbay, 2 PS/2, 1 RJ-45, 1 VGA, 1 Display Port, audio in/out, audio ports, 1 serial, 1 eSATA (optional)
Slots	3 full-height PCI, 1 half-height PCIe x1 (half-length), wireless PCIe card with support for IEEE 802.11n, Media Card Reader (optional)
Audio	Integrated HD audio with Realtek ALC261 codec or equivalent, internal PC speaker
Network interface	10/100/1000 Mbps Ethernet card
Mouse	USB wired with scroll
Keyboard	Standard

**7(ii) PC Technical Specifications :- Minitower (30 Nos. at ERNET HQ New Delhi)**

Processor Speed	Latest generation 32nm dual core desktop processor 3.2 GHz, 4Mb Cache or higher, supporting multi-thread capability providing Sysmark2007 score of 200.
Cache memory	Minimum 4 Mb
Operating system	Genuine Windows 7 Professional 64bit Edition (English)
Monitor	17" TFT (full HD)

Memory	8 GB 1333 MHz DDR3-1333scalable to 16GB
Memory slots	4 DIMM
Internal Drive	500 GB SATA 3.0Gb/s Hard Drive
Optical drives	minimum- 16x DVD+/-RW Drive (double-layer DVD±RW/CD-RW drive)
Graphics memory & Card	32 MB is pre-allocated for graphics use at system boot time. 1024MB NVIDIA GeForce Graphics Card/ or 1GB ATI Radeon HD 5450 Graphics or equivalent
Ports	Rear: 6 USB 2.0, Front: 4 USB 2.0, and 2 internal flexbay, 2 PS/2, 1 RJ-45, 1 VGA, 1 Display Port, audio in/out, audio ports, 1 serial, 1 eSATA (optional)
Slots	3 full-height PCI,, wireless PCIe card with support for IEEE 802.11n, Media Card Reader (optional)
Audio	Integrated HD audio with Realtek ALC261 codec or equivalent, internal PC speaker
Network interface	10/100/1000 Mbps Ethernet card
Mouse	USB wired with scroll
Keyboard	Standard

**8. Laptops :-                      02 Nos. at Bangalore+ 03 Nos. at ERNET**

Operating System	Genuine Windows 7 Professional 64-bit
Processor Speed	Latest generation 32nm dual core processor 2.5GHz, or higher, supporting multi-thread and Turbo Boost capability.
Memory Bus	1066 MHz
Cache Memory	3 MB
Main Memory	6 GB DDR3 SDRAM*2 (upgradeable up to 8 GB*3)
Flash Memory	128 GB*4 (64 GB x 2, Serial ATA, RAID 0 support*5)
Optical Disc Drive	DVD±RW/±R DL/RAM Drive Reading: DVD-R/W, DVD ROM/RAM : 8X (min) Writing: DVD+R: 8X, DVD-RAM: 5X (min)
Graphics Accelerator	NVIDIA GeForce GT 330M GPU or equivalent
Dedicated Video Memory	1 GB DDR3 SDRAM
Display	13-14" WXGA: 1600 x 900) TFT colour display
USB	High Speed USB 2.0 x 3
Network (RJ-45)Connector	10Base-T/100Base-TX / 1000Base-T x 1
Display Output Connector	Analogue RGB, mini D-sub 15 pin
Headphone	Stereo mini jack
Microphone	Stereo mini jack

HDMI In/Out Connector	One
Memory Stick Slot	Memory Stick Duo (PRO-HG compatible, MagicGate function)*6
SD Memory Card Slot	SD Memory Card (SDHC compatible)
PC Card Slot	ExpressCard/34 x 1
DC IN	One
Other	Docking Station Connector x
Wireless LAN Type	Integrated Wireless LAN IEEE 802.11a/b/g/n*7
Camera	Front Side Camera, minimum pixels: 640 x 480
Sound Chip	High Definition Audio compatible , 3D audio (Direct Sound 3D support
Speaker	Built-in stereo speakers
Microphone	Built-in monaural microphone
Keyboard	82 keys , Backlit Keyboard
Touchpad	Intelligent Touchpad
Bundled Battery	Lithium-ion battery: 5.5 hours of use
Weight	< 1.5Kg