

Speed Post



वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्
Council of Scientific and Industrial Research
अनुसंधान भवन 2 रफी मार्ग नई दिल्ली 110001
Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110001

No. 13-2(96)/2007-08-Pur.

Dated: 11th January 2008

From:

संयुक्त सचिव(प्रशा.)

Joint Secretary(Admn.)

To

M/s

Sub: Procurement of :

Sir,

This office is interested in the procurement of the items mentioned below as per the specifications below and terms and conditions mentioned

S.no.	Detailed Specification	Qty.
1.	Server for DATABASE & Application(detailed specification as per Annexure 'A')	Three nos.
2.	Servers- Hardware for Antivirus/Firewall system.(Detailed Technical Specifications enclosed at Annexure 'B')	Four nos.
3.	Server Rack(42U RACK WITH 16 PORT KVM Switch, Rack Foldable 17" TFT monitor, keyboard and mouse and power distribution system with all accessories(Detailed Technical Specifications enclosed at Annexure 'C')	One no.

Encl: Annexure 'A', 'B', 'C' & 'D'(PBG Format)

Stores & Purchase Officer

(R.C. Gupta)

Terms and conditions:-

1. **Submission of quotations:-** :- The quotations shall be submitted under Two Bid System i.e Techno-Commercial/Un Priced Bid and Price Bid addressed to the Joint Secretary(Admn.), Council of Scientific and Industrial Research, 2, Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110001. Both the envelopes should be super scribed with Un Priced Bid and Price Bid, tender number, due date and time, date and time of opening. Both the envelopes should be kept in one envelope then sealed. The Technical/ Un Priced bids will be opened first on the prescribed date and time in the presence of representatives of the vendors who wish to be present at that time. The Price Bids of the Technically qualified firms will be opened after the evaluation of technical bids. The date and time for opening the Pr. Bids will be intimated to the Technically qualified firms accordingly. In case, the Tender Opening date is declared a holiday, the tender would be opened on the next working day at the prescribed time.
2. **Receiving and Opening of Tenders:-**
- 2.1 Last date and time for submission of quotation: **Upto 1st February 2008 at 3:30 P.M**
- 2.2 Date and Time of opening of Unpriced Bids: - at **4: 00 P.M on 1st February 2008.**
3. **Prices:-**
- 3.1 Prices should be F.O.R. CSIR Headquarters, Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110001
- 3.2 Any discrepancy between quoted prices in figures and that in words, if noted, will be sorted out in the following manner:-
 - (a) If there is a discrepancy between the unit price and the total price the unit price shall prevail and the total price will be corrected accordingly.
 - (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
 - (c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to above.
4. **Validity of Quotation:-**
- 4.1 The quotation must be valid for minimum 90 days from the date of opening of quotations. CSIR reserves the right to request the firms for the extension of the validity of the quotations. The vendor will be at liberty to accept or reject CSIR request.
5. **Warranty:-** Three year onsite Comprehensive Warranty from the date of installation and commissioning.
6. **Taxes:-** The percentage of Tax must be quoted in clear terms separately. If the taxes are not mentioned separately, it will be presumed that the rates quoted are inclusive of taxes.
7. **Delivery:** Preferably immediate. In case there is any specific schedule of delivery on the part of vendor, that should be clearly mentioned.
8. **Earnest Money Deposit:** Bid should accompany an earnest money deposit of **Rs. 88,000/-** in the form of a demand draft or Bank Guarantee as per Annexure provided by CSIR and drawn in favour of 'The Joint Secretary(Admin) CSIR, New Delhi' on a scheduled/nationalized bank payable at New Delhi.
9. **Payment:-**
- 9.1 100% within 30 days after receipt and acceptance of materials in good working condition **against submission of Performance Bank Guarantee from a**

scheduled bank(in favour of JS(Admn.), CSIR) of 10% of order value valid till 02 months beyond the warranty period. No advance payment will be made.

9.2 Payment should be claimed through pre-receipted bills drawn in triplicate, original copy being signed over a revenue stamp.

10. **Arbitration:-** Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specification, and instructions herein before mentioned and as to the quality of materials, as to any question, claim, right matter of thing whatsoever, in any way arising out of or relating to the contract, specification, estimates, instruction, order of these conditions or otherwise concerning the works, or the execution of the same whether arising during the process of the work or after the completion or abandonment thereof shall be referred to the sole arbitration of a person nominated by the Director General, Council of Scientific and Industrial Research, New Delhi, and if he is unable or unwilling to act to the sole arbitration of some other person appointed by him unwilling to act as such arbitrator. The submission shall be deemed to the submission to arbitrator under the meaning of the Arbitration & Reconciliation Act, 1996 or any satisfactory modification of enactment thereof for the time being in force, conclusive and binding on all parties of the contract.


R.C. Gupta
(R.C. Gupta) 1/1/60

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Annexure 'A'

Server Specifications:


S.no.	Item	Description
1.	Form factor	TOWER 5U(with option for rack mountable)
2.	Processor	Quad-Core Intel® Xeon Processor E5460(3.16 GHz, 1333 MHz FSB) or higher.
3.	Number of Processors	TWO
4.	Cache	8 MB L2 or higher
5.	Memory/memory type	8 GB Fully Buffered DIMM 667 or Higher
6.	Expansion slots	Four of higher
7.	Internal storage type/Hard disk drives	Hot-plug support for universal hard drives/3 x 140 GB or higher on 10 or 15 K RPM hot-swap for implementation on RAID 0/1/5/6 equivalent or higher with required controllers to support storage drives.
8.	Network interface	Gigabit Network Adapter LAN 10/100/1000 mbps-two numbers
9.	Power Supply	Hot-plug support for universal power supplies, Maximum power to 835W – 2 numbers(one standard and one redundant) with all cables and accessories
10.	Ports	Minimum 4 USB ports in rear and front side, Serial port-1
11.	Operating System	Windows 2003 R2 Enterprise edition with service packs.
12.	Keyboard & Mouse	Optical Scroll mouse, standard keyboard
13.	Monitor	17" TFT Monitor
14.	Drive	COMBO 16X10X24 CD R/W and 8X DVD
15.	Warranty	3-year onsite Comprehensive warranty.


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Annexure 'B'

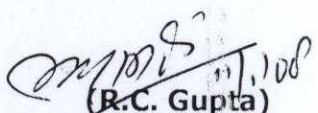
S.no	Item	Technical Description
2	Industry standard 19" wide 42U SERVER RACK KIT	a) 42 U Network Server Rack b) Flat panel monitor c) KVM kit d) Power distribution system e) Cabling and other accessories
	a) 42 U Network Server Rack	Server Rack Cabinet with perforated Front Door, side panel and rear door specifications: <ul style="list-style-type: none"> • The rack must meet EIA-310-D standards for mounting flanges and hole locations. • The front to rear distance of the mounting flanges must be between 698.5 mm and 762 mm(27.5 and 30 inches). • The thickness of the mounting flanges must be between 1.9 and 3.3 mm. • The mounting flanges must have either 7.1-mm(.28 inch) diameter holes or 9.6-mm(.38- inch) square holes on the standard EIA hole spacing. • The rack must have a minimum depth of 70 mm(2.76 inch) between the front mounting flange and inside of the front door for appropriate cooling. • The rack must have a minimum depth of 157 mm(6.2 inch) between the rear mounting flange and inside of the rear door to install the server and make space for cable management. • The minimum side-to-side clearance in the rack between the front and rear mounting flanges must be 467 mm(18.2 inch) to accommodate the width of the Server and the slide mounting brackets. • The minimum side-to side clearance in the rack between each door and the mounting flanges must be 484 mm(19.1 inch) to accommodate the slide mounting brackets. • The rack must include perforated front and rear doors and must not prevent the flow of cool air into or out of the rack. • The weight-handling capacity of the rack must be able to support the maximum rack configuration, including all servers, external cables, and PDUs. • The rack must provide proper stabilization so that the rack does not become unstable when servers are pulled out of service. With all required accessories for connecting, fitting and functioning.

	b) Flat panel Console for server rack with monitor	Form factor with 1U, 17" TFT Flip forward monitor with resting space with KVM mounting having side length and arm for management of cables. Details of 1 U Flat panel monitor: type-TFT, Size-17" controls for-Brightness, contrast, Horizontal/Vertical position and color control. Resolution -1280 x 1024, Color 16.2 million, Signal input-Analog RGB & sync type separate or H/V connector-15-pin D with all required accessories for connecting, fitting and functioning.
	c) KVM switch Console Kit with Keyboard and Mouse	<p>2 x 16 Rack Console Switch having the CAT 5or Cat6 cabling with industry standard RJ45 connector, Graphical user interface and multi platform support, access with password protection on rack system, System integration SW to have future hardware compatibility.</p> <p>User Console-two</p> <p>System Ports-sixteen</p> <p>Maximum connecting devices – 200 or more</p> <p>Maximum Video resolution- 1280 x 1024</p> <p>Connecting cable support PS2 and USB connectors</p> <p>GUI interface-OEM supplied</p> <p>Console cable-3 meter USB console switch cable and one cat 5 Cable</p> <p>Form factor-1U</p> <p>Plug and Play-VESA DDC(display data channel) B Standard</p> <p>All essential items required as interface, cable including mouse and keyboard etc. should be supplied.</p>
	d) Power distribution system	The system to support of various size configuration from few server to 42 numbers of 1U servers in a single rack with essential features as below: The system to be installed in 1 U of the Rack with high availability facility to provide redundant power distribution to minimize failure and maximize data availability with fault tolerant power distribution system with fuse for protection high voltage(220-240 V) on three phase 63 or higher Amps with three C19 outlets or higher.
	e) Cabling and other accessories	All cables and other required accessories to supplied for above integration of server Rack for fully functional Server rack with all above items fitted to work smoothly.
	Warranty Support	On site three years comprehensive warranty.


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Annexure 'C'

S.no.	Item	Description
1.	Form factor	Rack/2U-19 inch Rack Mount
2.	Processor	Quad-Core Intel Xeon Processor X5355 up to 3.0 GHz and up to 1333 MHz front-side bus or higher.
3.	Number of Processors	Two
4.	Cache	2 x 4 MB L2(quad-core) equivalent or higher.
5.	Memory	6 GB RAM Fully Buffered DIMM 667 MHz with minimum 8 DIMM slots.
6.	Expansion Slots	2 PCI-X and 2 PCI-Express or higher
7.	Disk bays	3.5"/2.5" preferably mixture of both.
8	Internal storage	3 x 140 GB or higher 10 or 15 K RPM hot-swap SAS HDD-implementation-for RAID 5 equivalent or higher
9	Network interface	Integrated dual Gigabit Ethernet and one additional gigabit Ethernet adapter
10	Power supply	In range of 700 to 835 W- 2 numbers (one standard and one redundant) with all cables and accessories
11	RAID support	RAID-5 or higher with all required Raid Controller card, cables and other accessories with battery backup for raid 0,1,5 or 6 implementation
12	Systems management	Provide the management feature for managing the hardware, trouble shooting the components and monitoring the server functioning by the OEM.
13	System Diagonistic tools	Should be be able to provide diagnosis of the system equivalent, automatic server restart, provision for remote supervisor management other essential management features.
14	Ports	Minimum 4 USB ports in rear and front side, Serial port-1
15	Operating System	Windows 2003 R2 Enterprise edition with service packs.
16	Drive	COMBO 16 X 10X 24 CD R/W and 8 x DVD
17	warranty	3- year onsite Comprehensive warranty


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PERFORMANCE BANK GUARANTEE FORMAT

To.....(Name of Purchaser)

WHEREAS (name of Supplier) hereinafter called " the supplier" has undertaken, in pursuance of Contract No..... dated.....20.....to supply..... (Description of Goods and Services) hereinafter called " the order".

AND WHEREAS it has been stipulated by you in the said order that the supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the suppliers performance obligations in accordance with the order.

AND WHEREAS we have agreed to give the supplier a Guarantee :

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the supplier up to a total of _____(Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the order and without cavil or argument any sum or sums within the limit of -----(Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the.....day of.....20.....

Signature and seal of Guarantors

Dated

Address

All correspondence with reference to this guarantee shall be made at the following address:

Joint Secretary(Admn.), CSIR,
Anusandhan Bhawan,
2 Rafi Marg, New Delhi-110001
