



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(80)/2007-08-Pur.

Dated: 12th November 2007

From:
संयुक्त सचिव(प्रशा.)
Joint Secretary(Admn.)

To

M/s

Sub: Procurement of Servers and Server Rack.

Sir,

This office is interested in the procurement of the items mentioned below as per the terms and conditions mentioned below, specifications mentioned at Annex A & B, eligibility criteria at Annex 'C' and Bid Security format enclosed at Annex 'D':-

S.no.	Detailed Specification	Qty.
1.	SERVERS-Hardware for Antivirus/Firewall System(Detailed Technical Specifications enclosed at annexure-A)	Four
2.	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-B)	One

Eligibility/Prequalification Criteria:-

- (i) Bidders must have registered as a company with Registrar of Companies or a registered firm in India for sales of Computer Hardware Items(Attach documentary Proof).
- (ii) The bidder should have satisfactorily completed at least one Project in NCR which includes the supply of servers, for minimum value of Rs. 10 Lakhs(Rupees Ten Lakhs), during the last one year, which need to be supported by authentic documentary evidence.
- (iii) Bid should accompany an earnest money deposit of Rs. 30,000/- 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.
- (iv) Bidder should submit valid documentary proof of VAT, Service Tax registration number and the details of income tax registration(PAN).

Note: 1. CSIR reserves the right to verify/seek confirmation of all original documentary evidence submitted by vendors in support of above mentioned clauses of eligibility criterion. In case any information furnished by the bidder is found to be false/incorrect at any stage, the bid shall be summarily rejected and no correspondence on the same shall be entertained.

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 Price 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 **3:30 PM on 3rd December 2007**
 - 2.2 Date and Time of opening of Technical Bid: - at **4:00 PM on 3rd December 2007**
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 comprehensive warranty from the date of installation and commissioning and acceptance of material by CSIR, to be provided by supplier.
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: An EMD of Rs. 30,000/- has to be submitted alongwith the Technical Bid.**

- 9. Payment:-**
- 9.1 100% within 30 days after receipt and acceptance of materials in good working condition **against submission of Performance Bank Guarantee of 10% of order value valid till 02 months beyond the end of 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)
Stores & Purchase Officer

Annexure 'A'

Item 1 Server Specifications

S.no.	Item	Description
1.	Form factor	Rack/2U-19 inch Rack Mount
2.	Processor	Quad-Core Intel Xeon Processor X5355 up to 2.66 GHz and up to 1333 MHz front-side bus or higher one processor
3.	Processors	One
4.	Cache	2 x 4 MB L2(quad-core)
5.	Memory	6 GB RAM Fully Buffered DIMM 667 MHz with 12 DIMM slots
6.	Expansion Slots	2 PCI-X and 2 PCI-Express or higher
7.	Disk bays(total)	3.5"/2.5" preferably mixture of both-minimum six.
8	Internal storage	3 x 140 GB or higher 15 K RPM hot-swap SAS HDD-implementation for RAID 5 or higher
9	Network interface	Integrated dual Gigabit Ethernet and one additional 64 gigabit Ethernet adapter
10	Power supply	835W-2 numbers (one standard and one redundant) with all cables and accessories
11	Hot-swap Items required	Power supply, fans and hard disk drives
12	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 Having 256 MB or battery-backed 533 MHz DDR2 standard power memory
13	Systems management	OEM Power Executive, Integrated Service Processor, Diagnostic LEDs, drop-down light path diagnostics panel, Automatic Server Restart, optional Remote Supervisor Adapter II Slim Line, OEM Director, OEM Server Guide and Remote Deployment Manager.
14	System Diagonistic tools	System Diagnostics, automatic server restart, remote supervisor management and remote deployment and other essential management features.
15	Ports	Minimum 4 USB ports in rear and front side, Serial port-1
16	Operating System	Windows 2003 R2 Enterprise edition with service packs.
17	Drive	COMBO 16 X 10X 24 CD R/W and 8 x DVD
18	International Standards support	<ul style="list-style-type: none">• Multiprocessor Specification(MPS) 1.4• Peripheral Component Interconnect(PCI) specification 2.3• PCI-X specification V1.0a• Hardware-enabled to meet the International Organisation for Standardization(ISO) 9241, Part 3
19	warranty	3- year onsite Comprehensive warranty

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Item 2 Specifications

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 Consoler for server rack	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	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.
		User Console-two
		System Ports-sixteen
		Maximum connecting devices – 200 or more
		Maximum Video resolution- 1280 x 1024
		Connecting cable support PS2 and USB connectors
		GUI interface-OEM supplied
		Console cable-3 meter USB console switch cable and one cat 5 Cable
		Form factor-1U
		Plug and Play-VESA DDC(display data channel) 2 B Standard
		All essential items required as interface, cable etc should be supplied.(including Keyboard and Mouse)
	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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Checklist

S.no.	Description	Yes or No with details
1.	Bidders must have registered as a company with Registrar of Companies or a registered firm in India for sales of Computer Hardware Items. Whether documentary Proof attached	
2.	The Bidder should have satisfactorily completed at least one Project in NCR which includes the supply of servers, for minimum value of Rs. 10 Lakhs during the last one year. Whether documentary proof attached.	
3.	The Technical Bid Should accompany and EMD of Rs. 30,000/- in the form of demand draft or Bank Guarantee as enclosed at Annexure 'D' and drawn in favour of 'The Joint Secretary(Admin), CSIR, New Delhi' on a scheduled /nationalized bank payable at New Delhi. Whether EMD has been enclosed.	
4.	Bidder should submit valid documentary proof of VAT, Service Tax, registration number and details of income tax registration(PAN). Whether enclosed.	

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BID SECURITY FORM

Whereas.....¹ (*hereinafter called "the Bidder"*) has submitted its bid dated.....(*date of submission of bid*) for the supply of(*name and/or description of the goods*) (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE.....(*name of bank*) of(*name of country*), having our registered officer at
.....(*address of bank*)(hereinafter called "the Bank"), are bound unto(*name of Purchaser*) (hereinafter called "the Purchaser") in the sum of for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this..... day of..... 20.....

THE CONDITIONS of this obligation are:

- 1. If the bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
- 2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of bid validity:
 - (a) fails or refuses to execute the Contract Form if required; or
 - (b) fails or refuses to furnish the performance security, in accordance with the instructions to Bidders.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee shall remain in force up to and including forty five (45) days after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above dated.

.....
(Signature of the Bank)

1. Name of Bidder

