



Dated: 03-06-2014

C-45013/01/2014-15/Air Lab. Tender-III/Mat! 1237-1257

To,

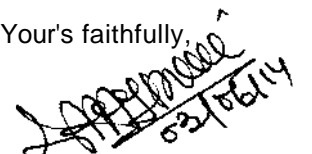
Sub:- Invitation of sealed quotation for supply of "Hardware & Software items for Data Acquisition and Handling Centers".

Sir,

With reference to this office letter No. C-45013/01/2014-15/Air Lab Tender-III/Mat dated 16-05-2014 inviting sealed quotations for supply of "Hardware & Software items for Data Acquisition and Handling Centers". The competent Authority in the CPCB has decided to revise certain specifications and quantities which may be taken into consideration before submitting quotations. The revised specifications are enclosed for ready reference. The last date for submission of quotations has also be extend upto 19/6/2014.

Other terms and condition will remain same as indicated in the quotation letter dated 16-05-2014.

Your's faithfully,


(I/c Material)

Encl. As above

Copy to:

- i) Acor I/c F&A-
- ii) Office order file -
- iii) I/c Air Lab-



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
निर्गत.....
दिनांक.....
6/6/2014

Item No.: ETS - 1

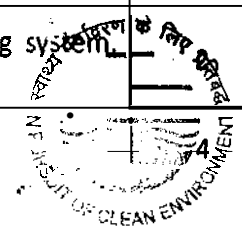
Technical Specification **RACK SERVER**

Sr.No	Specifications	
1.	CPU	Single Intel Xeon Quad Core 5600 series 2.40 GHz or higher, 12MB L3 Cache per socket or higher, 1333 MHz/1600 FSB.or latest. The Mother Board shall support Dual Sockets.
2.	Memory	32 GB (32 GB support for each CPU) DDR-III, 1066MHz, ECC Memory, upgradable to 64 GB
3.	Chipset	Intel 5520 or higher
4.	HOD	6.1 TB SATA or 3.2 TB SATA
5.	Ethernet Port	2 .Dual port Gigabit NIC Cards with autosensing and on copper (total 4 ports). All four ports supporting iSCSI protocol to connect to iSCSI based SAN storage
6.	PCI Slots	Provision for 2 .PCI express, 2 .PCIe X2, or more Slots to accommodate additional FC / Gigabit Cards Graphics Adaptors
7.	CTD	Internal / external 2 TB
8.	Optical Drive	DVD R/W 16X Drive, External USB based
9.	Form Factor	2U rack model with rail kit
10.	Keyboard	Standard Keyboard same as OEM
11.	Mouse	Standard Optical Mouse same as OEM
12.	I/O ports	4 .USB ports, 1 VGA Port, 1 external SAS, 1 . Serial, 1 .DVI
13.	Monitor	21" Wide LCD TFT Color monitor
14.	RAID Controller	RAIDS
15.	Wireless adapter	USB Wireless adapter x 2 nos.
16.	Antivirus	Standard Antivirus (McAfee / Norton / Trend Micro) for duration of 3 years
17.	Redundant Power Supply & Fans	Redundant Power Supply 1+1, Redundant Fans
18.	Warranty	Warranty is comprehensive 24x7 on site including spares for 3 / 3 / 3 years with 4 hours support

Item No.: ETS • 2

Technical Specifications: **42U Industrial Rack**

Sr. No	SpeCifications	QTY / site
1	19" Industrial Rack, 42U , Color Black Consisting of:-	1
2	Steel Enclosure, 9 Folded profile of dimensions 800 mm width * 1000 mm Depth • 42 U height, supporting 1000 Kgs load. Bottom cover with knock out holes for cable entry to be provided. Three pairs of horizontal support shall be fitted on both right and left sides.	1
3	Front & Rear Door shall be of 100% perforated with three point locking system. Provision for mounting fans on Rear door with concealed AC wiring.	
4	Fan 230V, 90 CFM to be mounted on Rear Door.	



5	AC Main Channel vertical, 12x 5/15 Amps Sockets Make: Anchor with 32 Amps MCB make: Northwest	2
6	Horizontal Cable Manager	2
7	Vertical Cable Manager	2
8	Copper based Electrical Grounding/ Earthing Strip. Provision for Fifteen (15) points.	15set
9	Each set of:	1 Set
	a) Castor with Brake -- 2 Nos.	
	Castor without Brake -- 2 Nos. OR	
	b) Adjustable screw legs --4 Nos. OR	
	C) Base' frame - 1 No.	
	Base frame -- 1 NO.	
10	light provision activation in the rack up on opening of the front/rear door.	1
11	H/W Packet of 20 Sets.	2
12	EYE bolts on the top for lifting the rack	4

If anything required to setup the system, vender, need to have provision at the time of quoting.

Item No.: ITS - 3

Technical Specifications: USB 2 TB External Disk

USB 3.0 compliant 2 (Two) TB External Expansion Disk Capacity: 2 TB Connectivity; USB 3.0 Form Factor; Desktop OS Supported: Windows 7 and Above External Power Required: No Warranty; 3 Years Warranty

Item No.: ITS - 4

Technical Specifications: Windows Server 2012

Windows Server 2012

Microsoft Windows Server 2012 (Standard) -2 licenses
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Item No.: ETS - 5

Technical Specifications: Database Software

Database Software*

The Database software should be compatible for the Windows Server 2012

1. MS SQL Server for 1 CPU, 4 core (latest version) with 2 licenses

Or

2. Oracle for 1 CPU, 4 core each (latest version) with 2 licenses

**to be dedded by the software developer who would be given the responsibility of developing software for CPCB. However, the vendor can quote the rates as per the specification above. Efforts will be made to oward the supply and Installation order for the database software within the validity period.*

Rates for both Items have to be quoted

Item No.: ETS - 6

Technical Specification: Desktop Computer System

Sr.No	Specifications	
1	CPU	intel- Core i7 (3 GHz, 8MB cache, 4 cores) or higher
2	Memory	4 GB DDR-III, 1066MHz, Expandable to 8 GB
3	Ethernet ports	Dual Gigabit Ethernet ports with autosensing bidder can provide 2nd NIC card on PCI, Autosensing is to cater to 100/1000 Mbps speeds automatically and not a boot ROM
4	PCI Slots	Provision for additional cards, 2PCI, PCIe, PCIe16 (Total 4 slots)
5	Optical Drive	DVD RW 16X Drive, Internal
6	HOD's	3.5" 500 GB, 5ATA drives
7	Power Supply	Standard suitable power supply
8	Keyboard	Optical Keyboard same as OEM
9	Mouse	Standard Optical Mouse same as OEM
10	I/O ports	4*USB,
11	Monitor	21" Wide LCD TFT Color monitor
12	Wireless adapter	USB Wireless adapter x 1 no.
13	OS support	Microsoft Windows 7 Professional
14	Antivirus	Standard Antivirus for duration of 3 years (from same manufacturer as server antivirus)
15	Warranty	Warranty is comprehensive on site including spares for 3 / 3/3 years



Item No.: ETS- 7

Technical Specification: Firewall, Rack mountable

Sr.No	Specifications	
1	Firewall throughput	Up to 750 mbps or higher
2	Concurrent sessions	10,000
3	Ports	5 fast Ethernet upgradeable to gigabit
4	Security	3DES/AES
5	Additional features	Content, URL filtering, SPAM filtering, VPN, Anti-virus etc.
6	Warranty	3 years Comprehensive onsite warranty (minimum)
7.	Console	Central Console to manage all appliances and capable to manage upto 15 such appliances in future
8.	Anti-virus through put	500 Mbps
9.	Reporting	Log analyser with 250 GB HOD or more

item No.: ETS - 8

Technical Specification: Unmanaged SWitch (Rack mountable)

 Minimum 8 port unmanaged fast / gigabit Ethernet Switch

Item No.: ETS :9

Technical Specification: Microsoft Office for Desktop

Sr.No	Specifications
1	Microsoft Office Std. , Microsoft Office Std. 2013 Single OIP

