

ESTABLISHING IT INFRASTRUCTURE FOR E-AUCTION CENTRE FOR
CARDAMOM IN VANDANMETTU, IDUKKI DISTRICT, KERALA.

No.EDP/KER/E-Auction/07

Dated 25th Sep 2007

Sealed quotations are invited for establishing IT Infrastructure for e-auction centre for cardamom in Vandanmettu, Idukki, Kerala as per the requirement and specification given in Annexure - I, subject to the terms and conditions given in Annexure-II.

The quotations, addressed to the Dy. Director(EDP), Spices Board, Cochin-25, should reach EDP Dept. of the Board latest by 5.00 p.m on 4.10.2007. The quotations will be opened at 10.00 a.m on 5.10.2007 in the presence of available vendors. The sealed cover containing the quotation shall be super-scribed as "Quotation for IT Infrastructure for e-auction due on 4.10.2007 (E-Auction - EDP Dept)". As per normal payment terms of the Board, 90% of the payment will be released on delivery of items subject to inspection and, balance, on successful installation of the items. Spices Board has no 'C'/D' forms. The Board reserves its right to reject any or all quotations without assigning any reason thereof.

Sd/-

Secretary

Encl : as above.

REQUIREMENT

Scope of work

1. Supply of Server, back-up storage, PCs, Printer, LCD/Plasma Display Panel, Server Rack and networking components namely Switches, Patch panel and Ethernet cables, I/O box, Patch Cord, cable trays/raceways etc
2. Installation and networking of above items
3. Supply and installation of software namely Linux, My SQL, Apache, PHP
4. Configuration of Linux, My SQL, Apache, PHP in the installation site.

Number of units required:

- a) Server –1 No.
- b) Back-up storage (external)–1 No
- c) PCs – 50 Nos.
- d) Printer – 1 No.
- e) LCD/Plasma Display Panel – 1 No
- f) Server Rack – 1 No
- g) Network Switches – 2 Nos
- h) Patch panel – 1 No
- i) UTP cable, patch cords, I/O Box on actuals

Warranty : 3 years comprehensive on-site warranty for Computer Systems, Back-up storage, Printer and Network Switches.

SPECIFICATION OF SERVER

Rack mounted Server. Make: Dell or IBM or HP-Compaq

Processors: 2 Nos. Dual-core 64-bit Intel® Xeon® 7100 series processors
MP with 16MB L3 cache and 3.50GHz

RAM : 8GB ECC DDR-2 SDRAM

Internal storage capacity : 440 GB

Hard Disk : Ultra 320 SCSI, hot swappable, RAID 5 implementation

Power supply: Redundant power supply (230V AC, 50Hz), hot swappable

Network interface: Integrated dual Gigabit Ethernet (10/100/1000MBPS)

SERVER SOFTWARE REQUIREMENT

Operating System - 64 bit Red Hat Linux Enterprise Version
My SQL - Version >= 5.0.37
PHP - Version >= 5.0.4
Apache - Version >= 2.0.52

The above software are required to be configured, on the Server, at the installation site.

SPECIFICATION OF EXTERNAL BACKUP-UP STORAGE

LTO-3 Auto Loader 400/800 GB Tape Drive

SPECIFICATION OF PC

Option 1 :MNC Brand (specify brand)
Option 2: Indian Brand (specify brand)

Common Specification

Intel® Pentium® Dual-Core Processor E2140
Windows XP Professional
15" Wide Screen Flat Panel LCD Monitor
1GB DDR2 SDRAM at 667MHz
80GB SATA 3.0Gb/s with Native Command Queuing
Mechanical Keyboard and optical mouse
Network interface: Ethernet 10/100 MBPS

Optional :

- Rugged Industrial Keyboard to withstand dirt and dust in lieu of normal mechanical keyboard (please provide details)
- DVD Writer

SPECIFICATION OF PRINTER

Laser Printer: Mono,
Resolution: 600x600, Speed:20 ppm, Paper size: A4, A5, Letter, Legal
Input paper capacity: 250, Memory : 16MB, Connectivity: USB, Network 10/100

SPECIFICATION OF SERVER RACK, SWITCHES AND PATCH PANEL

- a. Server Rack to house the servers, switches , patch panel and auto loader
- b. 48 port Cisco switches 3750 with gigabit modules for uplink
- c. 100 port Patch Panel

SPECIFICATION OF PLASMA/LCD DISPLAY PANEL

Diagonal Screen Size:	60 inches
Aspect Ratio:	16: 9
Resolution	1366 X 768
Brightness	1000 cd/m ² minimum
Data Signals	VGA, SVGA, XGA, Compressed SXGA, UXGA
	External speaker jack, Detachable Speaker
Video Standard	NTSC, PAL, SECAM
Accessories	User Manual, Cables, Remote Control:
Mounting:	Wall mount & Desktop

SPECIFICATION OF NETWORKING

E-auction system is required to be established on a LAN in a central auction hall (1st Floor of a two storied building). A sketch of the auction hall is given in Annexure III. The PCs will function as buyer terminals and that will be arranged in 'U' shape, on custom designed wooden tables, well inside the auction hall. All buyers will face the Auction Master. LCD/Plasma Panel is required to be fixed at a height near the auction master so that the display is visible to all watching the auction. Network cabling from the Server Room/Patch Panel to individual PC has to be done through the floor (without digging floor) through *suitable surface mount cable trays/raceways in a structured manner*.

Specification of passive components : Category 6 (Specify brand name)

The following details are required to be furnished.

Labour charges (per metre)

- I) laying of utp cables
- II) laying of channels/conduits/ cable trays/raceways
- III) fixing and testing of I/O, Nodes
- IV) fixing Rack & Patch panel

Installation and testing charge

Unit Cost of I/O Box, Patch Code ,100 port Patch Panel, UTP cable(approx.300 metres bundle)

Length of patch code

Details of conduits/channels/ cable trays/raceways

Type of material

Dimension

Unit cost

TERMS AND CONDITIONS

1. Cost of Items including optional items shall be quoted separately.
2. Make/brand name of Server, PC, Printer, Display panel, Server Rack, Patch Panel and other passive network components shall be specified.
3. The Tenderer shall submit along with the tender an EMD of Rs.10,000/- (Rupees Ten Thousand Only) in the form of Demand Draft in favour of Secretary, Spices Board. The EMD should be submitted in a sealed cover marked on the outside with the word 'EMD'. The EMD of unsuccessful Tenderer(s) will be refunded, after short listing of proposals, without any interest. In case the tenderer withdraws from the process, the EMD deposited by him will be forfeited. EMD of the successful tenderer will be retained by the Board as security deposit till the successful completion of System installation. No interest shall be payable on this.
4. The tender received after the prescribed date and/or time and without EMD will be summarily, rejected.
5. There is no separate tender document. This enquiry notice can be downloaded from Board's web site at <http://www.indianspices.com/html/quot.php> for tender submission.
6. The equipments shall be supplied from a factory with ISO 9001:2000 certification in manufacture of the respective equipments.
7. Network cabling shall be started immediately on receipt of work order.
8. The equipments shall be delivered within three weeks from date of placing order. If the supply is not made within the said period of three weeks, termination/cancellation of the order will be considered and in such a situation, the Board will have the right to forfeit the security deposit (EMD) of the tenderer and procure the equipments from elsewhere.
9. Cost shall include all taxes, duties, entry tax, packing, insurance, forwarding and installation charges.
10. Proposal shall include documents to prove quality of products, service support and technical competence.
11. The offer shall include delivery time, validity of quotation, warranty period and AMC rate for post-warranty period.
12. Offers which are incomplete in terms of scope, items or specifications or required details will not be considered and such tenders are liable to be rejected forthwith.

SKETCH SHOWING SERVER LOCATION, BUYER TERMINALS AND LCD/PLASMA DISPLAY PANEL

Auction Hall (19 x 9.5 meters) (not to measure)

