

ANNUAL TENDER: 2015-16



TENDER No.: 23 / 2015 - 2016 / IGIMS / Store.

GROUP: K

Computer system and Photography items (Computer , server, Printer, Scanner, Copier Printer Digital Camera Studio Light Multimedia Projector TV, VCD DVD Public Addressing System

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IMPORTANT DATES

Last date for submission of Bidding Document	07.05.2015 Till 3.30 P.M.
Due date and time of Opening of Technical Bid	08.05.2015 at 3:00 P.M.

SCHEDULE OF THE REQUIREMENTS AND OTHER DETAILS

ITEMS FOR ANNUAL TENDER: 2015-16

Item Description

GROUP- "K"

COMPUTER SYSTEM AND PHOTOGRAPHY ITEMS, SCANNER, DIGITAL CAMERA, STUDIO LIGHT PROJECTOR TV, AND PUBLIC ADDRESSING SYSTEM

SPECIFICATION AND ALLIED TECHNICAL DETAILS

01 Multimedia Projector:

DETAILED SPECIFICATIONS FOR MULTIMEDIA PROJECTORS :

1. Range of Throw Ratio (ratio of distance/Image diagonal):
Tenderers to indicate the range from minimum zoom to maximum zoom.
No price preference shall be given for better claimed Throw- Ratio.
2. Zoom: Manual or power, min 14% (Actual value to be indicated)
3. Computer compatibility: SVGA & XGA. Also SXGA for SXGA Projectors.
4. Video compatibility: PAL, SECAM, NTSC, HDTV and DTV
5. Projection lamp: The tenderer should furnish Part No., Voltage and expected life of lamp.
6. Lamp Life in normal mode: 2000 hours minimum. Lamp life in eco mode corresponds to lower illumination, hence it shall not be considered
7. Lamp hour counter: To be built-in integral with the system
8. Brightness: 1000 & 2000 Lumens. (Quote separately for both)
9. Audio system 1.0 W RMS min. with built in speaker for projector up to 4000 ANSI lumens. For projectors of higher than 4000 ANSI lumens, the provision of in-built speaker will not be necessary.
10. Remote Control: Full function remote control unit for PC and projector functions, shall be standard features for all items.
11. Terminal Ports with connectors: DVI and/or Analog RGB In, RGB Out or external RGB Multiplexer, Audio IN
12. Power consumption: To be indicated by tenderers for each item
13. Contrast Ratio: To be indicated by tenderers for each item
14. Power Supply: 210V-240V, 50Hz
15. Operating conditions: 10 Degree to 35 Degree C, 80 % RH
16. Media Card Imager Adapter (MCIA) and wireless LAN connectivity: MCIA and wireless LAN connectivity, where specified, shall be either an integral unit inbuilt or an accessory from the OEM for mounting on the projector. It shall be supplied complete with a 128 MB Flash card and wireless LAN card. MCIA as a separate bought out unit shall not be acceptable.
17. Cables, connectors and other accessories: The Projector shall include power cable and VGA cable (1.5 m), for connecting to PC. For all other cables including power cable and VGA cable, (if the length required is more than 1.5 m) shall be paid extra directly by the user.
18. The Suppliers shall indicate the leading dimensions, the adjustment range, material and finish for each item quoted.
19. FUNCTIONAL TESTING: Each projector shall be tested for functional tests as detailed hereunder during inspection: i). Brightness ANSI Lumens (+/-10%) tolerance on declared value

03. SERVER:

TYPE: ONE

Server Xeon Dual Processor configuration shall comprise of: (Prices include supply, assembly and commissioning at site and on-site warranty for a period of 3-years from the date of commissioning)

- i. CPU Intel XEON 3.2 GHz Processor EM-64 T or better capable of dual processing (supplied with single processor as standard) with 2048 KB L2 cache Memory or better.
- ii. Motherboard.: Intel E7520 or 5000 series on Intel or equivalent OEM Motherboard Mother board should be capable of 800 MHz FSB with support for Dual Core CPU.
- iii. Slots : 2 PCI Express and 3 PCI.
- iv. Memory: 2 x 512 MB 400 MHz DDR2 RAM upgradeable up to 12 GB on DIMM (6 DIMM slots).

- v. Hard Disk Drive: 3x72 GB 10000rpm Ultra 320 SCSI Hot Plug.
- vi. RAID Controller RAID Controller Dual channel with U320 RAID Controller of 128 MB cache for RAID 5 with battery back up.
- vii. Back up: Digital Auto Tape Drive 20 / 40 GB DAT with back up software for schedule managed backup and disaster recovery till last back up.
- viii. Monitor: 43 cm (17") SVGA Digital colour Monitor (Support 1024 x 768 NI Resolution) MPR II compliant/ or TCO 03 Certified.
- ix. Video Controller: Onboard 8 MB Dynamic Video Memory.
- x. Keyboard : 101 Keys Keyboard.
- xi. Mouse: Optical Mouse.
- xii. Bays: Minimum 4 internal Hot Plug Bays.
- xiii. Ports: 2 USB Ports, 1 Serial Port.
- xiv. Cabinet: Tower.
- xv. Certifications: Windows, Red Hat and Novell certified, Compliance and Support.
- xvi. CD ROM 52 X or better CD ROM Drive.
- xvii. Power Supply: Redundant Power supply.
- xviii. Fan: Redundant fan.
- xix. Networking features: Dual LAN (10/100/1000) Network Card with asset tracking and security management, remote wake up.
- xx. Power Management: Screen blanking, hard disk and system idle mode in power on, set up password, power supply surge protected.
- xxi. Preloaded software: Norton, McAfee, ETrust or equivalent antivirus (Latest Version) with 60 days license Schedule-2 Servers.

04. LASER PRINTER (HP)

- a. Laser Printer Monochrome Resolution 600 x 600 dpi, paper size A4, Memory, printing speed 14 PPM, 1 USB.
- b. Laser Printer Monochrome Resolution 600 x 600 dpi, paper size A4, Memory, printing speed 20 PPM, 1 USB with inbuilt duplex with network card 10/100.
- c. Laser Printer Monochrome Resolution 1200 x 1200 dpi, paper size A4, Memory 32 MB, printing speed 24 PPM, 1 parallel port with inbuilt duplex with network card 10/100.
- d. Laser Printer Monochrome Resolution 600 x 600 dpi, paper size A3, Memory, printing speed 24 PPM (for A4), 1 USB with inbuilt duplex with network card 10/100.
- e. Laser Printer Monochrome Resolution 600 x 600 dpi, paper size A3, Memory, printing speed 40 PPM (for A4), 1 USB with inbuilt duplex with network card 10/100.

05. Dot Matrix Printer(TVS/EPSON)

- a. Dot Matrix Printer 9 pin 80 columns, 250cps at 10 cpi with one Parallel port.
- b. Dot Matrix Printer 9 pin 136 column, 300 cps at 10 cpi, with one Parallel port.
- c. Dot Matrix Printer 9 pin 136 column, 475 cps at 10 cpi, with one Parallel port.
- d. Dot Matrix Printer 24 pin 80 column, 300 cps at 10 cpi, with one Parallel port.
- e. Dot Matrix Printer 24 pin 136 column, 300 cps at 10 cpi, with one Parallel Port with English and Devnagari scripts inbuilt.

- f. Dot Matrix Printer 24 pin 136 column, 475 cps at 10 cpi, with one Parallel Port. 14

06. DOCUMENT SCANNER A4 Size (HP)

- a. Document scanner A4 size, colour resolution 300 dpi, 15ppm duplex, USB 2.0 port with inbuilt ADF (50 page)
- b. Document Scanner A4, colour resolution 300 dpi, 20ppm duplex , USB 2.0 port with inbuilt ADF (50 page).

07. DOCUMENT SCANNER A4 AND LEGAL SIZE (HP)

- a. Document Scanner A4 and legal size, colour resolution 300 dpi, 30ppm duplex images USB 2.0 port with inbuilt ADF (50 page).

08 WATER PURIFIEER WITH SPECIFICATION

09 PHOTOCOPIER WITH SPECIFICATION (RICOH/XEROX/CANON)

10 **FAX PLAIN PAPERS** (PANASONIC/SHARP/CANON

11. Television (Colour), different size"With specification

12. VCD

13. DVD

14. public addressing System

NOTE: - A. ORIGINAL CATLOG TO BE SUBMITTED ALONG WITH TENDER DOCUMENT

B. DGS& D RATE (IF AVILABLE) MAY ALSO BE QUOTED
