

# **ANNUAL TENDER: 2014-15**



**TENDER No.: 01 / 2014 - 2015 / 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**

|   |                                  |
|---|----------------------------------|
| <b>Last date for submission of Bidding Document</b> | <b>18.06.2014 Till 3.30 P.M.</b> |
|---|----------------------------------|

CHAPTER – 1

INSTRUCTION TO BIDDER

## INSTRUCTION TO BIDDER

### TENDER FORMS & DOCUMENTS

|     |   |  |
|-----|---|--|
| 01. | Last Date & time of receipt of Tender is 18.06.2014 Till 3.30.P.M.  | <b>Cost of Tender Document: Rs. 1, 000/-</b> |
| 02. | Name & Address of tenderer(s):  |  |
| 03. | <p>Registration No of the following: -</p> <ul style="list-style-type: none"><li>a. Shop &amp; Establishment/Registration No.(Desirable)</li><li>b. BST &amp; CST No/VAT No. ( Attached certificate)</li><li>c. Sale Tax clearance certificate. Up to date</li><li>d. DGS &amp; D Registration Certificate, if rate quoted on DGS D Rate contract.</li></ul> <p><b>Note: - Tenderer must be registered with Bihar Sales Tax department.</b></p> |  |
| 04. | <b>Earnest Money:- Rs.10, 000/( Rs. Ten Thousand for each Group)</b> in favour of <b>Director, I.G.I.M.S., Patna payable at Patna</b> in way of Demand Draft. No.....dated.....and Amount.....  |  |
| 05. | <b>Period of validity of quoted price:-</b> One Year W. e. f. 01.04.2014.   |  |
| 06. | Tenderer will not be allowed to mention any kinds of discount in quotation/terms and conditions. He will quote the rate only as per column in Sl. No.- 12 given below only. Other wise his tender will stand cancelled and no further correspondence will be entertained in this regard.  |  |
| 07. | Clearly mention the Guarantee period & after sale services to be provided, if applicable.   |  |
| 08. | General terms & conditions & tender document are mentioned in Chapter 2.  |  |
| 09. | This Tender document is <b>Non-transferable</b> .   |  |
| 10. | Please mention “ <b>Name of Group</b> .....” at the left top corner of envelope.  |  |
| 11. | Separate Tender Document is required for each group.  |  |
| 12. | The quotation for items in the Tender Notice should be in the following format. Otherwise tender shall not be considered and rejected outright.   |  |
|     | <p><b>Note:       Overwriting / Fluiding / Cutting in price will not be allowed.</b><br/><b>              Rates/Prices must be mentioned both in figure and words.</b></p>  |  |

| Name of the Item | Packing size | Offer price per Unit specification. | CST | Surcharge | BST | VAT | TOT | Net Unit Price | Is it DGS & D rate / Approved r Hospital / General Market rate |
|------------------|--------------|-------------------------------------|-----|-----------|-----|-----|-----|----------------|--|
| 1                | 2            | 3                                   | 4   | 5         | 6   | 7   | 8   | 9              | 10   |

**Signature of tenderer with date**

## **INSTRUCTION TO BIDDER**

1.
  - a. The tender duly filled in shall be submitted in two sealed covers separately for technical and price bids respectively. Such covers shall be super scribed as “**Tender Notice No.:** ..... (here mention the tender notice no. as specified) **TECHNICAL BID** for supply of ..... (here mention the name of the Group” or “**Tender Notice No.:** ..... (here mention the tender no as specified) **PRICE BID** for supply of ..... (here mention the name of the Items )” as the case may be.
  - b. Both the sealed covers shall be put in another sealed (third) bigger cover which should also be super scribed as “**Tender Notice No.:**..... (here mention the tender no as specified) **TENDER for supply of** ..... (here mention the name of the Items )”.
2. The “**Bidding Document**” can be downloaded from institute website [www.igims.org](http://www.igims.org) only.
3. Last date for submission of bidding document 18.06.2014 till 3.30 P.M. by registered post / speed post/ Courier only. Bidders are requested to send the bid well in advance so as to ensure that bid reaches in time. Institute will not be responsible for any postal delay. Bids received after due date and time shall be summarily rejected.
4. Earnest Money 10,000/- ( Rs. Ten thousand ) only for each Group is required to be submitted along with tender by Demand Draft only along with the tender favoring Director, I.G.I.M.S. – Patna (payable at Patna). No interest is payable on EMD/ Bid security.
5. Non- submission of sufficient EMD along with the Technical Bid shall be one of the primary reasons for rejection of the offer in the first round.
6. **Part Supply** :- No part supply or wrong supply will be accepted, However in the interest of the patient care, part Supply may be accepted with the approval of the competent authority but payment will be released only after full supply.
7. Following certificates are required with the **Technical Bid**:

| Sl. No | Require Certificate   | Attached at Page No.:..... of Technical Bid |
|--------|---|---|
| 1      | Name and full address of the Bidder with Office telephone Number.   |   |
| 2      | Status of the Bidder whether manufacturer or authorized dealer/ agent/stockiest etc.  |   |
| 3      | Authorization letter of company (if authorized agency) in favour of bidder valid for not less than three prospective years. |   |
| 4      | VAT Registration No. of bidder, if applicable.  |   |
| 5      | Sales Tax Clearance Certificate   |   |
| 6      | Pan Card of the bidder  |   |
| 7      | Income Tax return of bidder for the last three successive years up to financial year 2013-14.                               |   |
| 8      | An affidavit from bidder that the company/firm has not been   |   |

|    |  |  |
|----|--|--|
|    | blacklisted /De- registered/ De- Barred by any govt. Institutions / organization   |  |
| 9  | An affidavit from bidder that the quoted rate in this financial bid is not more than the rate quoted in any other government, organization/Institution by them.        |  |
| 10 | An affidavit that Quoted rate is not higher than MRP.  |  |
| 11 | All documents must be attested by the bidder with signature, date seal.  |  |
| 12 | Technical specification of the items quoted in the light of the specification given in the bidding document (submit a check list).                                     |  |
| 13 | List of Institutions/Hospitals where supply has been made in the last three years.   |  |
| 14 | Sample of the Items (Must for the clothes of all types, Cotton, Gauge, Disposable Syringe, etc where ever applicable as mentioned in the document)                     |  |
| 15 | Total turnover year wise in the preceding last three years. Manufacturers/Supplier having large turnover shall be preferred. (Attach audited Balance sheet & P/L A/C). |  |

**PRICE BID:**

- (1) Price of all the items quoted should be mentioned separately for each item. The price should be per unit basis.
- (ii) Standardization certificate for the items used shall have to be submitted, if required.
- (iii) All taxes applicable must be quoted wherever applicable. The exact amount of the tax at the prevailing should be clearly quoted. Simply **writing tax as applicable** shall not be sufficient and accepted & bid will be rejected.

## **CHAPTER – 2**

### **CONDITIONS OF THE CONTRACT**

## CONDITIONS OF THE CONTRACT

01. **Destination of Delivery:** Central Store Section, I.G.I.M.S., Sheikhpura , Patna
02. **Acknowledgement and Discrepancies :**

On receipt of the supply orders any discrepancies should be pointed out within 10 days of the issue of the order. In case, no intimation to the contrary is received from the firm within 10 days, it will be assumed that order has been accepted in full even though it may have been placed after the lapse of the validity period of the quotation.
03. **Prices:** As mention in supply orders.
04. **Taxes:** Inclusive / Exclusive .If taxes are extra please specifying the rate of tax applicable on the items.
05. **Payment:-** After receipt of goods and submission of satisfactory Inspection Report issued by officials as authorized by the competent authority.
06. **Price Variation Clause:** The institute shall accept the price rates as mentioned in the quotation only. The claim for price increase over the quoted price shall not be accepted by the institute within the validity period of the quotation. However, where the firm has quoted on price list basis the institute may accept the increased price applicable at the time of actual supply on production of valid and current price list.
07. **Validity of Price:** One Year form the date of Opening.(Extendable as per requirement).
08. **Delivery Period: 30** days from the date of issuance of supply order. However, shorter delivery period will be preferred.
09. **Penalty Clause:** If the firm supplies after expiry of 30 days and within 45 days of the order a penalty of 2% of the total ordered value will be imposed/charged. If the firms fail to supply the ordered goods even after 45 days, the following action shall be taken against them.
  - a. Cancellation of the supply order.
  - b. Forfeiture of EMD.
  - c. Black listing of firm for any future participation.
  - d. Legal action, if necessary. Legal jurisdiction court of Judicature at Patna
10. **Supply:** Normally Stores pertaining to the Supply Order should be dispatched in one lot. Part supply may be allowed upon written request by the supplier and permission granted by the officials authorized by the Institute. However, payment shall be made only after full ordered quantity of the ordered items.
11. **Delivery Extension:** Under special circumstances if valid reason for extension to the satisfaction of the Institute is provided, the Institute may consider giving further extension **of time without penalty.**
12. **Payment:** Payment will normally be made when the full supplies is made against a supply order, except when part supply has been allowed in supply order or when supplier has been asked to supply in installment. Or in any other special circumstance by order of competent authority. In such a situation payment may be released upon part supply after completing established procedures



13. **Replacement of defective / expired supplies:** Shall be the responsibility of the firm on their cost, who has executed the supply.
14. **Expiry date of item supplied:** No supply of items having expiry date less than one year on the date of supply shall be accepted by the Institute. Supplier having expiry date more than one year shall be preferred.
15. **Discrepancy or Omission:**  
The payments are made strictly on the basis of the supply order and firms are advised not to deviate from supply orders instruction in all respect. In the event of there being any discrepancy, the matter should first be referred to the institute for necessary amendment in the supply order before making actual supply and submission of the bill.
16. **Challan:**  
The suppliers should submit the challan in triplicate alongwith the supplies to the Central Store, IGIMS, Patna-14.
17. The bills should be submitted to the office of the Officer under whose signature supply order has been issued.
18. **Excise Surcharge:**  
Following certificate should also be endorsed on each copy of the bill at the time of charging the Excise Duty, if admissible.
- “It is certified that the Excise Duty included in the bill is in accordance with the Excise Duty Rules and that the stores on which the Excise Duty has been charged are not exempted from the Excise Duty under the Rules framed by the Government of India for this purpose and the Excise Duty so charged /collected has been remitted accordingly to provision of the relevant rules.”**
19. The Institute is not covered under Form ‘B’ and as such Sales Tax as stipulated may be billed at the rates applicable at the time of supply.
20. **Items available in different packing, size/quantities:**  
For the items available in different packing sizes/quantities the gross rate as well as unit price (In terms of relevant net quantity) should be mentioned for each packing size/quantity.
21. **Items with different net and gross weight:**  
For items with different net weight and gross weight, e.g., COTTON ROLL- for each packing size, both net as well as gross weight must be mentioned alongwith corresponding rates.
22. **Items with different specification for same item:**  
For items with different specifications, if mentioned in tender paper separate rate with details specification must be mentioned.
23. **Stamping / Numbering of Items:**  
For items having longer life e.g. furnitures, fans, almirah and certain linen, manufacturer / supplier may be required to put a number s / stamping with paint or any other suitable materials at the discretion of the institute. Tenders should mention the separate rates for this work.
24. **Items with certain specified Half – Life:**  
For items with specified half-life e.g. radioisotopes half-life of the items quoted must be mentioned. Unless otherwise, the quantity in such cases accepted for payment will be the quantity received at I.G.I.M.S. store and not at dispatched.

25 **Warranty / Guarantee on the items to be supplied:**

Wherever applicable, supplier is required to mention warrantee/guarantee available on specified items (with duration of warrantee/guarantee applicable). manufacturer/authorised dealer/supplier offering warrantee/guarantee on item supplied will be given due weight age. in case where warranty/guarantee is mentioned on the packing material/item itself /catalogue of the manufacturer , it will be applicable and it will be mandatory for the supplier to extend the same to the institute.

26 **D. G. S. & d. Rate Contract:**

Manufacturers/dealer/supplier having D.G.S. & D. Rate Contract should attach necessary certificate with validity alongwith rate and specification for relevant items.

27. Supplier is required to give under taking to the effect that they have not supplied the Items quoted to any Govt./ Semi Govt. institution / organization at prices lower than the price being quoted. Further, in case of price going down in future, it will pass on the benefit to IGIMS, Patna.

Tenderer must submit a certificate that the quoted price is not higher than the MRP or market price of the same make of the quoted items.

28. The Institute if so desire may ask any tenderer to furnish their turn- over of the quoted items for previous two to three years with a list of users of those items

### IMPORTANT

The procedures for rendering of bills are prescribed in clauses 7,8 and 9 above. It is essential that the bills should be in accordance with these clauses: -

1. The bills should be prepared in triplicate.
2. It should be accompanied by the Inspection Note to be obtained from the department concerned of the Institute.
3. The Bills should be pre-receipted and affixed with Revenue stamps, where necessary.
4. In bills B.S.T. / VAT registration number must be mentioned on each copy of the bill.
5. The bills should be supported by a certificate for Excise Duty as stated in the above clause.

29. **Postage and Freight:**

Where payable in terms of supply order and is claimed in the bills, the original receipt granted by the post office and/ or the Railways should be attached with the bill.

- 30 **Replacement:** Replacement of defective supplies shall be the responsibility of supplier at their on cost.

31. Special Clause may be added if necessary in the Supply Order.

32. If manufacturer shall submit their quotation directly and authorizes any local agent / distributor to supply and raise the invoice for payment on the rates quoted by them, after approval of the rate/quotation by the competent authority of the institute, their authorized agent/ distributors can supply the items and raise the bill for payment. However, responsibility shall be of manufacturer. A proper authorization certificate in favour of local agent / distributors is to be submitted by the manufacturer along with their bid.

Sd/  
**Director**  
**I.G.I.M.S. - Patna.**

## **CHAPTER – 3**

### **SCHEDULE OF THE REQUIREMENTS AND OTHER DETAILS**

## 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

###### 02. DESKTOP COMPUTER SYSTEM:

###### TYPE: ONE

Desktop Computer with Intel Pentium Dual Core Processor 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)

Intel Pentium Dual Core Processor Configuration

- a. CPU: Intel Pentium Dual Core E 2180 2.0 GHz, 1 MB L2 cache and 800 MHz FSB with Intel EM 64 T.
- b. Chipset: Intel 3 series/n Vidia Gforce 7 series or better on OEM Motherboard.
- c. Bus Architecture: Integrated Graphics, 2 PCI, 1 PCI Express x 1 and 1 PCI Bxpress x 16.
- d. Memory: 1 GB 667 MHz DDR2 RAM with 4 GB Expandability.
- e. Hard Disk Drive: 160 GB 7200 rpm Serial ATA HDD.
- f. Monitor: 38.1 cm(15 inch) TFT Digital Colour Monitor TCO-03 certified.
- g. Keyboard : 104 keys.

- h. Mouse : Optical.
- i. Bays: 4 Nos.(2 Nos. 5.25 inches for Optical Media Drives and 2 Nos. 3.5 inches for Hard Disk Drives).
- j. Ports : 6 USB Ports (with at least 2 in front), audio ports for microphone and headphone in front.
- k. Cabinet: Mini tower.
- l. Combo Drive 16 x 10 x 40 CD R/W and 12x DVD
- m. Networking facility:  
10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up.
- n. Operating System : Windows Vista Business preloaded with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : Win Logo Vista Business OS and Linux certification.
- p. Power Management : Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
- q. Preloaded Software : Norton , McAfee, ETrust or equivalent Antivirus (Latest Version).

TYPE – TWO:

Desktop Computer with Intel Core 2 Duo Processor 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)

Intel Core 2 DUO Configuration

- a. CPU : Intel Core 2 Duo E4600, 2.4 GHz, 2 MB L2 cache and 800 MHz FSB.
- b. Chipset : Intel 3 series/n Vidia GForce 7 series or better on OEM Motherboard.
- c. Bus Architecture : Integrated Graphics, 2 PCI,1 PCI Express x 1 and 1 PCI Bxpress x 16.
- d. Memory : 2 GB 667 MHz DDR2 RAM with 4GB Expandability.
- e. Hard Disk Drive : 160 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 43.2 cm(17 inch)TFT Digital Colour Monitor TCO-03 certified.
- g. Keyboard : 104 keys
- h. Mouse : Optical
- i. Bays : 4 Nos.(2 Nos. 5.25 inches for Optical Media Drives 12 and 2 Nos. 3.5 inches for Hard Disk Drives).
- j. Ports : 6 USB Ports (with at least 2 in front), 1 Serial audio ports for microphone and headphone in front.
- k. Cabinet : Mini tower.
- l. DVD ROM Drive : 8X or better DVD ROM Drive.
- m. Networking facility :  
10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up.
- n. Operating System : Windows Vista Business preloaded with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : Win Logo Vista Business OS and Linux Certification.
- p. Power Management : Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
- q. Preloaded Software : Norton , McAfee, ETrust or equivalent Antivirus (Latest Version).

TYPE: THREE:

Desktop Computer with Intel Celeron Processor 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 : Celeron D331 (2.66 GHz or better) 64 bit processor with 256 KB L2 Cache Memory or better and 533 MHz FSB.
- ii. Motherboard.: Intel 915 GV or ATI RC 410/450 Chipset or SIS 661 or better on OEM Motherboard.
- iii. Bus architecture: Integrated Graphics, 3PCI/PCI Express)

- iv. Memory : 256 MB DDR RAM 400 MHz up gradable up to 2 GB on DIMM
- v. Hard Disk Drive: 80 GB 7200rpm Serial ATA HDD
- vi. FDD : 1.44 Floppy Disk Drive (3.5") Internal.
- vii. Monitor: 43cm (17") SVGA Digital color monitor (to support 1024 x 768 NI resolution) MPR II compliant or TCO-03 certified.
- viii. Keyboard: 104 Keys Keyboard.
- ix. Mouse: Optical Mouse.
- x. Bays: 6 Bays (4 External and 2 Internal).
- xi. Ports: 6 USB Ports (with at least 2 in front), 1 Serial Ports, 1 Parallel port, 1 PS/2 Mouse Ports.
- xii. Cabinet: Mini tower.
- xiii. DMI: DMI 2.0 Compliance and Support.
- xiv. Combo Drive 16 x 10 x 40 CD R/W and 12x DVD
- xv. Networking facility: 10/100 on board integrated Network Port with remote booting facility.
- xvi. Operating System: Windows XP (professional) preloaded with media and documentation and certificate of authenticity.
- xvii. OS Certifications: Win Logo for Windows OS and Linux certifications.
- xviii. Power Management: Energy star qualified, Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
- xix. Preloaded software: Norton, McAfee, ETrust or equivalent antivirus (Latest version) minimum 60 days License

### 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. DIGITAL EPABX SYSTEM (200 & 500 Lines)

#### 09. WATER COOLER WITH FULL SPECIFICATION (BLUE STAR/VOLTAS)

#### 10 WATER PURIFIER WITH SPECIFICATION

#### 11. **REFRIGITIOR** VERIOUS CAPICITY, 245Ltr, 300Ltr, 340Ltr,600Ltr, 650ltr etc. (WHIRLPOOL/LG/GODREJ/HAIR)

#### 12. PHOTOCOPIER WITH SPECIFICATION (RICOH/XEROX/CANON)

#### 13. **FAX PLAIN PAPERS** (PANASONIC/SHARP/CANON)

#### 14. Television (Colour), different size”With specification

#### 15. VCD

#### 16 DVD

#### 17public addressing System

#### 18. Centrifuge Mahcine (12 tubes)

#### 19. Semi autoanalyzer (for quantitative estimation of ASO, CRP, RA)

#### 20.Test tube holder (rack)

#### 21. Incubator

#### 22. micro pipette stand

#### 23 Vortex mixer

#### 24. LED/LCD TV

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

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

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