



Office of the Store officer cum Procurement Consultant

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES,

SHEIKHPURA, PATNA - 800 014 (Bihar, India)

Tel.: 0612 - 2297631, 2297099; Fax: 0612 - 2297225; Website: www.igims.org;

E-Mail: bme@igims.org

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SHORT QUOTATION NOTICE

Sealed quotations with terms & conditions are hereby invited from Manufacturer or their authorized Distributor / Stockiest / Agency for the supply of various items including Computer System, Printer, UPS, chemical, consumable for O.T., ICU, Dental Lab. etc. for day to day functioning of Hospital of this Institute.

The quantity mentioned in the description of works are tentative in nature and calculated based on the recent requirements received from various departments of IGIMS, Patna. Hence, quantity of the items may increase or decrease to any extent depending upon the actual requirement. The quoted items will not be purchased in one lot and will be purchased as and when required based on the requirement received. The rate to be quoted by the bidder must be valid for a period of one year.

A sum of **Rs. 10,000/- (Rs. Ten Thousand Only)** is to be submitted in form of Bank Draft in favour of "Director, I.G.I.M.S. – Patna (payable at Patna) as a security deposit for each group. Self-attested documents, as appended below, are to be attached with quotation failing which offer will not be considered for further evaluation.

- i. Company Authorization letter (If applicable).
- ii. **PAN and copies of Income Tax Returns** for the last three years.
- iii. Copy of GST / Trade Tax registration and Company Registration.
- iv. Affidavit on non-judicial stamp paper to the effect that the bidder is not blacklisted by any Govt. agency or has no pending case either Civil or Criminal against them.
- v. Affidavit on non-judicial stamp paper, to the effect that the bidder is not supplying the quoted item(s) to any other Govt./Pvt. Organization /Institutions/Hospitals at the rate lower than the rate quoted against this tender.

Sealed quotations along with terms & conditions must reach to the **Director, I.G.I.M.S., Sheikhpura-Patna** up to **18.09.2017 at 4:00 P.M.** through Speed / Registered Post / Courier. The institute reserves the right to accept / reject any or all quotations without assigning any reasons. Please mention **"Quotation for Supply, installation of misc. items"** at the top of the envelope. Details may be seen and downloaded from institute website **www.igims.org**.

**Director,
I.G.I.M.S. – Patna.**

Schedule of the Requirement

A. Group-A: IT products

Sr. No.	Description of Items	Unit Price	Qty.	Taxes	Amount
1.	<p><u>Desktop Specification- i7</u></p> <ul style="list-style-type: none"> ➤ Processor Make- Intel ➤ Hard Disk- 1 TB or more ➤ Power Supply- 300 Watt or more ➤ Cabinet – Tower ➤ Should have USB Port 2.0 & USB Port 2.0 ➤ Type of RAM : 4 GB DDR4 or more ➤ RAM Speed -2133 MHz or better ➤ USB Port 3.0- 2 No. or more ➤ Processor- Intel Core i7 ➤ Processor Generation: 6th or better ➤ Graphics : Intel HD Graphics 530 or latest ➤ Operating System (Pre-Loaded) – Windows 10 Professional ➤ RAM Expandability-64 GB or more ➤ DIMM Slots: 4 No. ➤ Optical Drive : DVD Writer ➤ Network Connectivity: 10/100/1000 on board Integrated Gigabit Port ➤ Monitor Resolution: 1366X768 Pixels or better ➤ Monitor Size: 18.5 inches or more. ➤ Monitor certification: TCO 6.0 or better ➤ Standard Keyboard-1 No. ➤ Optical Mouse- 1 No. ➤ Integrated Speakers ➤ Should be ROHS Complied ➤ Warranty Type- Onsite ➤ Warranty: 3 Years 		10 Sets		
2.	<p><u>Desktop Specification-i5</u></p> <ul style="list-style-type: none"> ➤ Processor Make- Intel ➤ Hard Disk- 1 TB or more ➤ Power Supply- 300 Watt or more ➤ Cabinet – Tower ➤ Should have USB Port 2.0 & USB Port 2.0 ➤ Type of RAM : 4 GB DDR4 or more ➤ RAM Speed -2133 MHz or better ➤ USB Port 3.0- 2 No. or more ➤ Processor- Intel Core i5 ➤ Processor Generation: 6th or better ➤ Graphics : Intel HD Graphics 530 or latest 		20 Sets		

	<ul style="list-style-type: none"> ➤ Operating System (Pre-Loaded) – Windows 10 Professional ➤ RAM Expandability-64 GB or more ➤ DIMM Slots: 4 No. ➤ Optical Drive : DVD Writer ➤ Network Connectivity: 10/100/1000 on board Integrated Gigabit Port ➤ Monitor Resolution: 1366X768 Pixels or better ➤ Monitor Size: 18.5 inches or more. ➤ Monitor certification: TCO 6.0 or better ➤ Standard Keyboard-1 No. ➤ Optical Mouse- 1 No. ➤ Integrated Speakers ➤ Should be ROHS Complied ➤ Warranty Type- Onsite ➤ Warranty: 3 Years 				
3.	<p><u>Desktop Specification-i3</u></p> <ul style="list-style-type: none"> ➤ Processor Make- Intel ➤ Hard Disk- 1 TB or more ➤ Power Supply- 300 Watt or more ➤ Cabinet – Tower ➤ Should have USB Port 2.0 & USB Port 2.0 ➤ Type of RAM : 4 GB DDR4 or more ➤ RAM Speed -2133 MHz or better ➤ USB Port 3.0- 2 No. or more ➤ Processor- Intel Core i3 ➤ Processor Generation: 6th or better ➤ Graphics : Intel HD Graphics 530 or latest ➤ Operating System (Pre-Loaded) – Windows 10 Professional ➤ RAM Expandability-64 GB or more ➤ DIMM Slots: 4 No. ➤ Optical Drive : DVD Writer ➤ Network Connectivity: 10/100/1000 on board Integrated Gigabit Port ➤ Monitor Resolution: 1366X768 Pixels or better ➤ Monitor Size: 18.5 inches or more. ➤ Monitor certification: TCO 6.0 or better ➤ Standard Keyboard-1 No. ➤ Optical Mouse- 1 No. ➤ Integrated Speakers ➤ Should be ROHS Complied ➤ Warranty Type- Onsite ➤ Warranty: 3 Years 		25 Sets		

4.	<p><u>UPS for desktop</u></p> <ul style="list-style-type: none"> ➤ Type- offline/standby ➤ Output Power Wattage-800VA ➤ Should have over load protection. ➤ Output wave form – Sine Wave ➤ Transfer Time- 3-4ms ➤ No. of outlet Plugs-3 ➤ Should have surge protection. ➤ Should have low batter indicator. ➤ Recharge time – 4-5 hrs. or less ➤ Number of battery – 1 No. ➤ Battery Type- Sealed Lead Acid 12V, 7AH-7.5 AH ➤ UPS battery should be available in open market and should be compatible with the battery manufactured by Exide, Amaron, TATA etc. ➤ Warranty Type- Onsite Warranty ➤ Warranty – 1Year or more 		55 Nos.		
5.	<p><u>Printer Specification</u></p> <ul style="list-style-type: none"> ➤ Printing Method- Laser ➤ Type- Single Function ➤ Printing Output – Monochrome ➤ Internal memory-2 MB or more ➤ Max Print Resolution (Mono)- 600x600 dpi or better ➤ Duty Cycle (monthly, A4)- 5000 pages or more ➤ First print Out Time – 10 sec or less ➤ Print Speed Mono-14 ppm ➤ Duplex Print- Manual ➤ Media Type Supported – Papers, Envelops, Labels, Cardstock, Postcards ➤ Output Tray Capacity: 100 sheets or more ➤ Output tray type: Face-Down ➤ Input Tray Capacity: 150 Pages ➤ Media Size supported: A4, A5, A6, B5, C5, DL ➤ Power Requirement: 110 to 240 V, 50/60 Hz ➤ USB Connectivity ➤ Compatible with latest operating system ➤ Warranty Type- Onsite ➤ Warranty- 1 Year or more ➤ Sales Package should contain one Printer, Power Cable, USB cable & driver CD 		25 Nos.		

	<ul style="list-style-type: none"> ➤ <u>Supplier had to quote the rate of original & new cartridge, which should be valid for 1 year from the date of supply.</u> 				
6.	<p><u>All In One Printer Specification</u></p> <ul style="list-style-type: none"> ➤ Printing Method- Laser ➤ Type- Multi- function ➤ Printing Output- Monochrome ➤ Internal memory- 32 MB or more ➤ Functions- Print, Copy & Scan ➤ Max Print Resolution 600X600 dpi ➤ Duty Cycle (monthly, A4)- 5000 pages or more ➤ Print Speed Mono- 14 ppm or more ➤ Duplex Print- manual ➤ Media Types- Papers, Envelops, Labels, Cards, Cardstock ➤ Output Tray Capacity- 100 sheets ➤ Input Tray Capacity- 150 pages ➤ Input Tray Type- Standard Cassette ➤ Output Tray Type- Face-Down ➤ Media Size supported-A4, A5, B5, C5, C6, DL <p><u>Scan</u></p> <ul style="list-style-type: none"> ➤ Optical Scanning Resolution-1200 dpi ➤ Scan Type- Flatbed ➤ Scan Area Size-216x297 mm or more <p><u>Copy</u></p> <ul style="list-style-type: none"> ➤ Copy resize- 25% -400% or better ➤ Maximum Copies- 99 cpm or more ➤ Copy Speed Mono- 14 cpm or more <p><u>Power Requirement</u></p> <ul style="list-style-type: none"> ➤ Operate on-220-240V, 50/60 Hz. <p><u>Connectivity-USB Support</u></p> <ul style="list-style-type: none"> ➤ USB 2.0 ➤ Warranty Type- Onsite Warranty ➤ Warranty – 1Year or more ➤ Sales Package should contain one ALL in Printer, Power Cable, USB Cable & Driver CD ➤ <u>Supplier had to quote the rate of original & new cartridge, which should be valid for 1 year from the date of supply.</u> 		20 Nos.		
7.	<p><u>All In One Printer Specification (with ADF & Fax support)</u></p> <ul style="list-style-type: none"> ➤ Functions- Print, copy, scan ➤ Multitasking supported-Yes ➤ Print Speed- 20 ppm or more 		As per need.		

	<ul style="list-style-type: none"> ➤ First page out- 9.5 sec or less ➤ Duty Cycle- 8000 Pg. or more ➤ Print Technology- Laser ➤ Print Quality Black -600x600 dpi ➤ Processor speed- 600 MHz or more ➤ Should have USB & Ethernet connectivity ➤ Should be Network Ready ➤ Compatible with latest OS. ➤ Memory- 128 more or more ➤ Paper handling Output- 100 Sheet or more ➤ Duplex Printing ➤ Media Size supported –A4, A5, B5 ➤ Media Type- Paper, envelops, labels, postcards ➤ Scanner Specifications ➤ Scanner Type- Flat bed, ADF ➤ Scan resolution- 1200 DPI or more ➤ Scan speed- 7 ppm or more ➤ Automatic Document Feeder capacity- 35 Sheets or more ➤ Copier Specifications ➤ Copy Speed-20 CPM or more ➤ Copy Resolution-300x300 dpi or more ➤ Copy resolution (color text and graphics)- 400X600 dpi or more ➤ Copy reduce/enlarge settings- 25 to 400% ➤ Maximum Copies- 99 or more ➤ Fax- Should have fax facility ➤ Fax transmission speed- 30 kbps or more ➤ Fax Memory- 250-500 pages ➤ Fax Resolution- 300X300 dpi or more ➤ Speed dials, maximum numbers- 50-100 ➤ Power- 220 V, 50/60 Hz. ➤ Energy Efficiency- Energy Star Qualified ➤ Package contains Printer, USB cable, Power Cable, Printer Driver CD & Phone Chord. ➤ Warranty- 1Year ➤ Warranty Type- onsite ➤ <u>Supplier had to quote the rate of original & new cartridge, which should be valid for 1 year from the date of supply.</u> 				
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8.	<p><u>Ink Tank Printer</u></p> <ul style="list-style-type: none"> ➤ Printing Method- Inkjet ➤ Type- Multi- Function ➤ Printing Output- Color ➤ Functions- Print, Copy & Scan ➤ Print Speed Color- 15 or more ➤ Print Speed Mono- 27 or more ➤ Duplex Print- Manual ➤ Media Type Supported- Paper & Envelope ➤ Output Tray Capacity- 30 Sheets or more ➤ Input Tray Capacity- Standard Cassette ➤ Input Tray Capacity- 50 Sheets or more ➤ Media Type Supported- A4, A5,A6,B5, DI,C6 ➤ Scan ➤ Optical Scanning Resolution- 600 dpi ➤ Scan Type- Flatbed. ➤ Fax ➤ Resolution – 5760X1440 dpi or more ➤ Copy ➤ Maximum Multicopy- 2 Pages or more ➤ Connectivity- USB 2.0 ➤ Warranty- 1 Year ➤ Warranty Type- Onsite ➤ <u>Supplier had to quote the rate of original & new cartridge, which should be valid for 1 year from the date of supply.</u> 		As per need																
9.	<p><u>Cartridge for Various Printer Installed in IGIMS, Patna (Original & new only)</u></p> <table border="1" data-bbox="342 1451 820 1856"> <thead> <tr> <th data-bbox="342 1451 683 1486">Cartridge Type</th> <th data-bbox="683 1451 820 1486"></th> </tr> </thead> <tbody> <tr> <td data-bbox="342 1486 683 1549">HP- 12A Black LaserJet Toner Cartridge (Q2612A)</td> <td data-bbox="683 1486 820 1549">100 Nos.</td> </tr> <tr> <td data-bbox="342 1549 683 1612">HP -88A Black LaserJet Toner Cartridge (CC388A)</td> <td data-bbox="683 1549 820 1612">50 Nos.</td> </tr> <tr> <td data-bbox="342 1612 683 1703">Ricoh- Original Refill Toner Cartridge Pouch for all SP 100, SP200 Series</td> <td data-bbox="683 1612 820 1703">50 Nos.</td> </tr> <tr> <td data-bbox="342 1703 683 1738">Ricoh-2000L Toner</td> <td data-bbox="683 1703 820 1738">50 Nos.</td> </tr> <tr> <td data-bbox="342 1738 683 1829">Ricoh-2000L Cleaning Blade Ricoh- 2000L developer</td> <td data-bbox="683 1738 820 1829">50 Nos.</td> </tr> <tr> <td data-bbox="342 1829 683 1856">Canon-726M</td> <td data-bbox="683 1829 820 1856">10 NOS.</td> </tr> </tbody> </table>	Cartridge Type		HP- 12A Black LaserJet Toner Cartridge (Q2612A)	100 Nos.	HP -88A Black LaserJet Toner Cartridge (CC388A)	50 Nos.	Ricoh- Original Refill Toner Cartridge Pouch for all SP 100, SP200 Series	50 Nos.	Ricoh-2000L Toner	50 Nos.	Ricoh-2000L Cleaning Blade Ricoh- 2000L developer	50 Nos.	Canon-726M	10 NOS.				
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	Canon-726Y	10 Nos.				
	Canon-726C	10 Nos.				
	Canon-726BK	10 Nos.				
	Canon-726PGBK	10 Nos.				
		10 Nos.				
10.	External Hard Disk			As per need		
	External Hard Disk-1 TB	Capacity- 2 Tb, Portable, Data Transfer Rate- 5Gb/s or more with USB 3.0, Should have password protection setup, should have password protection setup, should be provided with pouch or cover for safety. Sales Package- Hard Drive, USB Cable, Quick Install Guide Warranty-3 Years or more				
	External Hard Disk-2 TB	Capacity- 2 Tb, Portable, Data Transfer Rate- 5Gb/s or more with USB 3.0, Backward compatible with USB 2.0 Should have password protection setup, should be provided with pouch or cover for safety. Sales Package- Hard Drive, USB Cable, Quick Install Guide Warranty-3 Years or more				
11.	<u>Copier Machine (Black & White) General</u>			1 No.		
	<ul style="list-style-type: none"> ➤ Memory- 256 MB or more Print/Copy/Scan ➤ Print Speed- 20 PPM or more ➤ Media Supported by Standard Tray- A3, A4, A5 or more ➤ Media Supported by Bypass Tray- A3, A4,A5,A6 or more ➤ Printer Toner Yield capacity should be 10000 sheets or more <u>Paper Handling</u> ➤ Paper Input Capacity-250 Sheet/Tray ➤ Bypass Sheet Capacity-100 Sheet/Tray ➤ Paper output Capacity-250 Sheets or more. <u>Connectivity</u> ➤ Network Supported ➤ USB 1.1/2.0 Port <u>General Specification</u> ➤ Built in Auto as well as manual duplexing. ➤ Full color scanning ➤ Should have Automatic Document 					

	<p>Feeder.</p> <ul style="list-style-type: none"> ➤ Package should be come with Toner, USB cable, Driver CD & Power Cables. <p><u>Power Consumption</u></p> <ul style="list-style-type: none"> ➤ Maximum-1550 watt or less ➤ In sleep Mode- 2 watt or less ➤ Should be Energy Efficient ➤ <u>Supplier had to quote the rate of original & new cartridge which should be valid for 1 year from the date of supply.</u> 					
12.	<p>Projector</p> <ul style="list-style-type: none"> ➤ Display System- LCD/LED ➤ Resolution-1024X768 or more ➤ Lamp Life- More than 6000 Hrs. ➤ Projection Screen Size- 30 to 300” ➤ Light Output- More than 3000 lm. ➤ Should have USB Port. ➤ Should have HDMI Port. ➤ Should have LAN Connection port. ➤ Supplied with remote control. ➤ Should have audio video connector. ➤ Warranty- 1 Year or more. 		10 Nos.			
13.	<p>Laptop</p> <ul style="list-style-type: none"> ➤ Type- Note Book ➤ Screen Size: 15 inch- 15.9 inch ➤ Processor – Intel Core i5 ➤ Generation – 6th Gen. ➤ RAM- 4GB or more ➤ With latest Genuine Windows pre-Installed i.e. Windows 10 Professional ➤ Should have dedicated graphics memory 1-2Gb. ➤ Hard Disk-1 TB ➤ Battery Backup- More than 3 hours ➤ Should be supplied with Antivirus (1 Year validity, Adaptor & Laptop Bag.) ➤ Warranty Type- Onsite ➤ Warranty- One Year or more. 		As per need			
Sr. no.	Name of Equipment's	Use	Configuration	Unit Price	Tax	Unit Price(inclusive of all taxes)
14	Camera (Body)	For Clinical photography, Academic –Slides, coverage of Academic CME, Operation, guest visit, Institute's Programme, VVIP Visits to Institute, MBBS Admission, Paramedical Admission, Consent Kidney	Cannon EOS-5D-SR(1 Pc) With one Extra Battery Or NIKON- D 810 (1 Pc) With one Extra Battery.			

		Transplantation, Different examinations, MCI, visits.			
15	Lens	Clinical Photography, operation, close-up. Capturing and viewing the smallest molecule items	Cannon EOS- 100mm Micro LUSM-IS f/ 2.8 with UV filter- (1 Pc) - NIKON AF- S VR Micro- Nikon 105 mm F/2.8 GIF-ED with UV Filter. (1 Pc)		
16	Lens	During any VVIP/VIP visits for wide coverage / on the occasion of Independence/Republic/Smt Indira Gandhi Jayanti day/Academic CME, Nursing /Medical College/ MCI Visit/Building photo (Wide angle photography)	Cannon EOS- 16-35 mm F/2.8 L II USM with UV Filter. (1 Pc) or NIKON – AF- S Zoom NIKKOR- 17-35 mm F/2.8 DIF-ED with UV Filter. (1 PC)		
17	Lens	Multi uses, As portrait/stage programme/passport photograph/videography	Cannon- EF 24-105 mm F/4LUSM (1 Pc) or Nikkor 24-120mm		
18	Flash	Indoor/outdoor photography/ Auditorium/Emergency/all types of photography flash is very important	Cannon- 600- JRT (1 Pc) Or NIKKON- SB- 910 Speed light. (1 Pc)		
19	Memory card	For storing data	Sandisk (High speed) Extreme- IV 32 GB SD card (1 Pc) 32 GB CF Card (1 Pc)		
20	Copying stand with light 16"x20"	Use in Document, Poster, Report, photo 1" to 16"x20" in high resolution. Very important for copying	One pc		
21	Camera Carry Bag	Due to safety of Camera lens and flash	Lopro or Kata (1 Pc) (1 Pc)		
22	Rechargeable Battery with Charger	Avoiding battery purchasing from out side benefits.	One Charger and 8 pc battery		
23	Tripods	Good quality of Photography and high level photography	Manfrotto (1 Pc) Or Slik M-88 (1 Pc)		
24	Multi Card Readers	After photography helps for downloading and storing on computer systems	I-BALL (1Pc) or Transcend (1 Pc)		
25	Portable Storage Drive	For storing all types of collections including photos/videos	SEAGATE- 2TB (1 pc) Or Transcend- 2TB (1 Pc)		
26	32 GB Pen Drive	Helps for sending photograph for printing and potrating	Sandisk- 32 GB (1 Pc) Or Kingston- 32 GB (1 Pc)		
27	Lens Cleaner kit	For cleaning Camera and Lenses photography equipments.	One Kit		
28	LED Digital Light kit	For good quality perfection	One Kit		

B. Group-B: Radiology

1.	Description of Work Radiation Protection Lead Sheet (Shielding of 2mm) on seven nos. of doors present in Radiology dept. to protect x-radiation. (approx.: 80 Sq.)		80 Sft.		
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C. Group - C: Misc. Items

	a) LED TV 35" ➤ Screen Type- LED		5 Nos.		
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	<ul style="list-style-type: none"> ➤ Screen Size- 35” ➤ Resolution- Full HD (1920X1080) or better ➤ HDMI Ports- 2 or more ➤ USB Port- 1 or more ➤ Should be supplied with Remote Control, Power Cord etc. ➤ Warranty – 1 year or more. ➤ Wall mounting job including the parts will be done by supplier, no extra amount will be paid for that. 				
	<p>b) LED TV 42 “</p> <ul style="list-style-type: none"> ➤ Screen Type- LED ➤ Screen Size- 42” ➤ Resolution- Full HD (1920X1080) or better ➤ HDMI Ports- 2 or more ➤ USB Port- 1 or more ➤ Should be supplied with Remote Control, Power Cord etc. ➤ Warranty – 1 year or more. ➤ Wall mounting job including the parts will be done by supplier, no extra amount will be paid for that. 		As per need		
	<p>c) LED TV 55”</p> <ul style="list-style-type: none"> ➤ Screen Type- LED ➤ Screen Size- 55” ➤ Resolution- Full HD (1920X1080) or better ➤ HDMI Ports- 2 or more ➤ USB Port- 1 or more ➤ Should be supplied with Remote Control, Power Cord etc. ➤ Warranty – 1 year or more. ➤ Wall mounting job including the parts will be done by supplier, no extra amount will be paid for that. 		As per need		
	d) Refrigerator -165 Ltr. (5 star rating, with suitable stabilizer)		As per need		
	e) Refrigerator -210-215 Ltr. (5 star rating, with suitable stabilizer)		As per need		
	f) Refrigerator -270-285 Ltr. (5 star rating, with suitable stabilizer)		As per need		
	g) Refrigerator -310 Ltr. (5 star rating, with suitable stabilizer)		As per need		
	<p>h) Water Cooler</p> <ul style="list-style-type: none"> ➤ Type: Storage ➤ Stainless Steel Body. ➤ Tough structure 		4 Nos.		

	<ul style="list-style-type: none"> ➤ Longer life ➤ ISI Marked ➤ Storage Capacity: 120 Ltrs. ➤ Cooling Capacity: 60 Ltrs./Hr. ➤ Nos. of Tap: 2 ➤ Auto Shut Off ➤ With UV ➤ With Thermostat for automatically control of temperature. ➤ Compressor should be equipped with overload protector. 					
	i) Water Cooler <ul style="list-style-type: none"> ➤ Type: Storage ➤ Stainless Steel Body. ➤ Tough structure ➤ Longer life ➤ ISI Marked ➤ Storage Capacity: 80 Ltrs. ➤ Cooling Capacity: 40 Ltrs./Hr. ➤ Nos. of Tap: 2 ➤ Auto Shut Off ➤ With UV ➤ With Thermostat for automatically control of temperature. ➤ Compressor should be equipped with overload protector. 		5 Nos.			
	j) Water Cooler <ul style="list-style-type: none"> ➤ Type: Storage ➤ Stainless Steel Body. ➤ Tough structure ➤ Longer life ➤ ISI Marked ➤ Storage Capacity: 150 Ltrs. ➤ Cooling Capacity: 150 Ltrs./Hr. ➤ Nos. of Tap: 2 ➤ Auto Shut Off ➤ With UV ➤ With Thermostat for automatically control of temperature. ➤ Compressor should be equipped with overload protector. 		5 Nos.			
	k) Fully Automatic Wall-Mounted Water Purifier with Storage Tank <ul style="list-style-type: none"> ➤ Technology: Should be UV+UF ➤ Purification Capacity: 1 liter / minute or 60L/hr. ➤ Duty Cycle: Should be approx. 120 liter/day. ➤ Purified Tank Capacity: Approx. 7 liters. ➤ Filter Cartridges: Sediment, Activated Carbon, UF Membrane ➤ UF Membrane: 0.1 Microns ➤ Should be with UV Lamp. 		10 Nos.			
	l)					
D. Group – D: Bio-Medical Engineering Section						
Sl. No.	Name of the Item	Unit Price of new	Discount under	Unit Price after discount	Qty.	Amount

		battery	buyback of defective battery			
1.	Sealed Maintenance Free Battery from reputed Brand <ul style="list-style-type: none"> ▪ 12V/7AH ▪ 12V/24AH ▪ 12V/26AH ▪ 12V/28 AH ▪ 12V/42AH ▪ 12V/48AH 				100 Nos. 50 Nos. 100 Nos. 50 Nos. 75 Nos. 25 Nos.	
2. Halogen Bulb						
	Description	Unit Price	Qty.	Taxes	Amount	
	6V/20W (Philips / Osram)		25 Nos.			
	6V/100W (Philips / Osram)		25 Nos.			
	12V/50W (Philips / Osram)		25 Nos.			
	15V/150W (Philips / Osram)		25 Nos.			
	15V/150W (With Reflector) (Philips / Osram)		25 Nos.			
	24V / 50W (Philips / Osram)		25 Nos.			
	24V/50W with Reflector (Philips / Osram)		25 Nos.			
	24V/100W (Philips / Osram)		25 Nos.			
3. Heating Element						
	2 KW (1.25" Threading Type; Long Shape)		25 Nos.			
	6 KW (Threading Type; Long Shape)		25 Nos.			
E. Group – E: Solid & Bio-Medical Waste Management						
Sl. No.	Name of the Item	Unit Price	Qty.	Taxes	Amount	
1.	Waste Bin: <ul style="list-style-type: none"> • Should be 100% Virgin Plastic with UV Protected from Sun Rays • Capacity 120 Liters (Green Color) • Should be suitable for Heavy Duty Use. • Should be Easily Moveable With Wheels Even With Full of Garbage. Sample Pic. – PIC – 1 (Below)		50 Nos.			
2.	Waste Bin: <ul style="list-style-type: none"> • Should be 100% Virgin Plastic with UV Protected from Sun Rays • Capacity 120 Liters (Yellow Color) • Should be suitable for Heavy Duty Use. • Should be Easily Moveable with Wheels Even with Full of Garbage. Sample Pic. – PIC –1 (Below)		50 Nos.			

3.	<p>Waste Bin:</p> <ul style="list-style-type: none"> • Capacity: 12 Ltrs. • Should be strong and durable Body • Should be easy to clean • Should be equipped with easy functional foot pedal. • Should have a lid so there is no worry related to the smell escaping the bin. • Should be Lightweight, easy to lift handle • Color – Black / Ivory <p>Sample Pic. – PIC – 2(Below)</p>		100 Nos.		
4.	<p>Bio Medical Waste Bin Set (Yellow & Red)</p> <ul style="list-style-type: none"> ➤ High Durable biodegradable fire resistant washable & Autoclavable 94 HB Polyethylene buckets set of two. Each bucket is of capacity to fit the bio medical waste collection bags size:32"x 40" ➤ Two compartment waste segregation system having S.S frame foot operating system and autoclavable microwave compatible and environment friendly reusable plastic bins with capacity to hold up waste bag size: 32"x 40". ➤ The color arrangement of bins is yellow & red. ➤ The bin capable of being independently as and when required. ➤ Each bucket having it's own cover lid which can be opened by a separate foot paddle. ➤ High penetration resistance. ➤ One cross bar handle for easy pull & push. ➤ Solidity and resistance against high and low pressure and temperature. ➤ Buckets specification accepted by State and Central Pollution Control Board & MOEF & CC. ➤ Biohazard symbol printed or embossed on the body on the front and top cover. ➤ Test reports as per BIS/Indian Standards (as amended time to time) from CIPET or any other laboratory, recognized by CPCB/Government for this purpose Valid Consent Order from concerned SPCB/PCC. 		75 Sets		

5.	<p>Bio Medical Waste Bin For General Waste (Black)</p> <ul style="list-style-type: none"> ➤ High Durable biodegradable fire resistant washable & Autoclavable 94 HB Polyethylene bucket is of capacity to fit the collection bags size: 32"x 40". ➤ Bucket having its own cover lid which can be opened by a separate foot paddle. ➤ High penetration resistance. ➤ Solidity and resistance against high and low pressure and temperature. 		75 Sets		
6.	<p>Blue Colored Cardboard Boxes</p> <ul style="list-style-type: none"> ➤ Capacity (Metric) <ul style="list-style-type: none"> ▪ 12W x 12D x 27H in. ▪ 18W x 18D x 36H in. ▪ 24W x 24D x 36H in. ➤ Model –Floor ➤ For Use With (Application) - Glassware and Metallic Body Implants ➤ Closure Type - Integral safety lid ➤ Material - Corrugated cardboard with tough 2mm polyethylene liner <ul style="list-style-type: none"> • Sturdy Corrugated cardboard of Blue colour (Azure Blue/true Blue or similar shade) with tough 2mm polyethylene liner. • Horizontal Entry Lid • Labelling as per Bio-Medical waste Rules 2016 as amended time to time. • Thick, clear plastic liner • Unique Reclose-a/Remove-a-Lid type with extra wide opening • Inner flap on lid seals the lid securely for disposal. • Ships and stores flat. • Clear marking of Bio-Hazard symbol • Meet Biomedical Waste (Management & Handling) Rules 2016 norms and WHO Standards : WHO/PQS/E10/SB01.1 • ISO & CE certification for manufacture and supply of Bio-medical waste management products. 		75 Sets		


7.	<p>White (Translucent) Containers</p> <ul style="list-style-type: none"> • Translucent and Puncture resistant, durable polypropylene can be autoclaved or incinerated. • Capacity: 1 Ltr, 3 Ltr, 5 Ltr & 7 Ltr capacity. • Clear tops and translucent containers allowing to monitor fill level. • Puncture - resistant, clearly marked with biohazard label, indents for needles removal. • Solid and stable shape, Ergonomic handle, For use in patient rooms and all patient-care areas Opening design impedes hand entry to reduce risk of needle sticks when disposing of sharps, Puncture proof, Leak Proof, Tamper proof. • Meet Biomedical Waste (Management & Handling) Rules 2016 norms. • Pole / Trolley / Wall mounting possible. • Temporary closure easy to activate, with visibility of the inside. • Permanent closing facility, Maximum filling level indicator. • No emission of any harmful gasses during the incineration process. • ISO & CE certification for manufacture and supply of Bio-medical waste management products. 		75 Nos.		
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PIC – 1



PIC – 2

F. Group – F: Furniture’s					
Sl. No.	Name of the Item	Unit Price	Qty.	Taxes	Amount
1.	3 Seater Bench made of steel (Airport Chair)		100 Nos.		
2.	Steel Pipe Sofa Set (2 Seater + 1 Seater + 1 Seater)		5 Sets		
					

G. Group – G: <u>Reagent/Kits/Chemical</u>				
1. Diagnostic purpose				
1. Media				
Sl. No.	Name of Items	Unit Price	Tax	Unit Price(inclusive of all taxes)
1	Brain haear infousin borth			
2	Blood culture bottle (Adult)			
3	Blood culture bottle (Pediatric)			
4	Sulphide indole motility			
5	Simmous citrate medium			
6	Urease medium			
7	urea solution 40%			

8	Triplw suger iron medium			
9	Muller Hinton agar			
10	Selenite F Broth			
11	Robertson Cooked meat medium			
12	TCBS media			
13	Nutrient agar			
14	Mac Conkey agar			
15	CLED agar			
16	Thiogllcollate Broth			
17	Yeast nitrogen with glucose agar			
18	XLD Medium			
19	Chrome agar for candida			
20	Patato deztrose agar			
21	MR- VP Broth			
22	Chlamyospore agar			
23	Deoxyospore agar			
24	L-J Medium			
25	ESBL Screening agar (Biomerisous)			
26	DNase test agar base (MB82- 100G)			
27	Gleation agar OF basal medium			
28	of basal medium			
29	Bufferes glucose btoth (MR/VP media)			
30	Mannital salt agar			
31	SDA (Sabouraud Deztrose agar)			
32	SDA with antiviotics (cyclophosphamide, chlorampheniocal, gentamycin)			
33	Nutient borth			
34	Peptone water			
35	Corn meal agar			
36	Bacteroid bile esculin agar			

37	Anaerobic blood agar base (neomycin supplements)			
38	Blood agar base			
39	Agar			

Chemicals/ Reagents & Glassware's:				
1	Salmonella "o" fact2 Group -A- Antisera	Unit Price	Tax	Unit Price(inclusive of all taxes)
2	Salmonella "o" factor4 Group -B- Antisera			
3	Salmonella "o" factor5 Group -B- Antisera			
4	Salmonella "o" factor9 Group -D- Antisera			
5	Salmonella V Antisera			
6	Salmonella H (d,E,G,K)			
7	Salmonella H (a) Antisera			
8	Salmonella H (b) Antisera			
9	Salmonella H (c) Antisera			
10	Salmonella H (d) 57 Antisera			
11	Salmonella H L Polyvalent Antisera			
12	Salmonella Polyvalent Antisera			
13	Shigella dysenterage polyvalent Antisera (1-10)			
14	Vivrio Cholera Inaba Anitsera			
15	Vibrio Cholera ogawa Antisera			
16	Esch coli polyvalent 2 (type 026,055,0111)			
17	Mc Farland equivalent trubidity standard 0.5 (Readymade BaSO4 Solution)			
18	Haemophilus influenzae (b)- antigen testing kit			
19	Streptococcus pneumoneae antgen kit			
20	Neisseria meningitodes (A C Y W 135) antigen kit			
21	Kovace's reagent			
22	Oxidase test reagent			
23	Gas pak sachet			

24	Vitamin K1 10 ug/ml			
25	Heamin 5ug/ml			
26	hydrogen peroxide			
27	spirit			
28	Lactophenol cotton blue stain			
29	Conc H2SO4			
30	Sodium bi carbonate			
31	Conc HCL			
32	Crytal violet			
33	safranine			
34	Grams iodine			
35	Acetone			
36	Anaerobic strips			
37	PH paper			
38	Paraffin oil			
39	formaldehyde			
40	Hi media Chemical analysis kit			
41	dettol			
42	Savlon			
43	Para dimethyl amino benzaldehyde			
44	isoamyl alcohol			
45	Sodium hypochloride			
46	Auramine O Rhodamine dye			
47	Albert stain (A&B)			
48	Ethyl alcohol			
49	NNNN-Tetramethyle Phenylene Diamino			
50	Haemaspot kit			

Antibiotic disks

Sr no	ITEMS	Unit Price	Tax	Unit Price(inclusive of all taxes)
1.	Ampicillin (30ug)			
2.	Cefazolin (30ug)			
3.	Cefoxitin (30ug)			
4.	Ceftriaxone (30ug)			
5.	Cefotaxime (30ug)			
6.	Ceftazidime(30ug)			
7.	Ciprofloxacin (5ug)			
8.	levofloxacin (5ug)			
9.	Gentamycin (10ug)			
10.	Amikacin (30ug)			
11.	Erythromiycin(15ug)			
12.	linezolid (30ug)			
13.	Vancomycin (30ug)			
14.	oxacillin (1ug)			
15.	Penicillin (10 units)			
16.	Co- trimoxazole (25ug)			
17.	nitrofurantion (300ug)			
18.	nalidixic acid(30ug)			
19.	Chloramphenicol (30ug)			
20.	Ceftazidime + clavulinec acid			
21.	Imipenem (10ug)			
22.	Meropenem(10ug)			
23.	piperacillin +tazpbactam (100/10ug)			
24.	Optochin			
25.	Novobiscin (5ug)			
26.	Bacitracin (10ug)			

27.	X Factor			
28.	V Factor			
29.	Streptomycin (210ug)			
30.	tetracycline (30ug)			
31.	Cefotaxime + Clavulanic acid (30/10ug)			
32.	Amoxicillin + clavulanic acid (20/10ug)			
33.	clavulanic acid			
34.	Norfloxacin (10ug)			
35.	Ofloxacin(5ug)			
36.	piperacillin			
37.	Carvenicillin			
38.	Topbramycin(30ug)			
39.	Amoxycillin (10ug)			
40.	Cephalothin (20ug)			
41.	Cefacroxil (30ug)			
42.	Amphotericin B (10 units)			
43.	Fluconazole (10ug)			
44.	Itraconazole (10ug)			
45.	Nystatin			
46.	Colistain (10ug)			

H. Group – H: Medical Illustration Unit

Sr. no.	Name of Equipment's	Use	Configuration	Unit Price	Tax	Unit Price(inclusive of all taxes)
01	Camera (Body)	For Clinical photography, Academic –Slides, coverage of Academic CME, Operation, guest visit, Institute's Programme, VVIP Visits to Institute, MBBS Admission, Paramedical Admission, Consent Kidney Transplantation, Different examinations, MCI, visits.	Cannon EOS-5D-SR(1 Pc) With one Extra Battery Or NIKON- D 810 (1 Pc) With one Extra Battery.			
02	Lens	Clinical Photography, operation, close-up. Capturing and viewing the	Cannon EOS- 100mm Micro LUSM-IS f/ 2.8 with UV filter- (1 Pc) - NIKON			

		smallest molecule items	AF- S VR Micro- Nikon 105 mm F/2.8 GIF-ED with UV Filter. (1 Pc)			
03	Lens	During any VVIP/VIP visits for wide coverage / on the occasion of Independence/Republic/Smt Indira Gandhi Jayanti day/Academic CME, Nursing /Medical College/ MCI Visit/Building photo (Wide angle photography)	Cannon EOS- 16-35 mm F/2.8 L II USM with UV Filter. (1 Pc) or NIKON – AF- S Zoom NIKKOR- 17-35 mm F/2.8 DIF-ED with UV Filter. (1 PC)			
04	Lens	Multi uses, As portrait/stage programme/passport photograph/videography	Cannon- EF 24-105 mm F/4LUSM (1 Pc) or Nikkor 24-120mm			
05	Flash	Indoor/outdoor photography/ Auditorium/Emergency/all types of photography flash is very important	Cannon- 600- JRT (1 Pc) Or NIKKON- SB- 910 Speed light. (1 Pc)			
06	Memory card	For storing data	Sandisk (High speed) Extreme- IV 32 GB SD card (1 Pc) 32 GB CF Card (1 Pc)			
07	Copying stand with light 16"x20"	Use in Document, Poster, Report, photo 1" to 16"x20" in high resolution. Very important for copying	One pc			

08	Camera Carry Bag	Due to safety of Camera lens and flash	Lopro or Kata (1 Pc) (1 Pc)			
09	Rechargeable Battery with Charger	Avoiding battery purchasing from out side benefits.	One Charger and 8 pc battery			
10	Tripods	Good quality of Photography and high level photography	Manfrotto (1 Pc) Or Slik M-88 (1 Pc)			
11	Multi Card Readers	After photography helps for downloading and storing on computer systems	I-BALL (1Pc) or Transcend (1 Pc)			
12	Portable Storage Drive	For storing all types of collections including photos/videos	SEAGATE- 2TB (1 pc) Or Transcend- 2TB (1 Pc)			
13	32 GB Pen Drive	Helps for sending photograph for printing and potrating	Sandisk- 32 GB (1 Pc) Or Kingston- 32 GB (1 Pc)			
14	Lens Cleaner kit	For cleaning Camera and Lenses photography equipments.	One Kit			
15	LED Digital Light kit	For good quality perfection	One Kit			

I. Group – I: Microbiology Department

		Unit Price	Tax	Unit Price(inclusive of all taxes)
1.	<p>Hot Air Oven</p> <ul style="list-style-type: none"> ➤ Required heating oven for drying of medical & laboratory material. ➤ Should be noise free and should provide soft air convection. ➤ Chamber capacity-420 Ltr. Minimum. ➤ Material of construction: Stainless steel AISI 304 grade steel. ➤ Electric Connection:220V-50 HZ ➤ Temperature Control: The temperature should be set between 5 degree c-250 deg. Centigrade. ➤ Cabinet: Cabinet shall be provided with quick locking facility and heat resistant silicon gasket. ➤ Blower: An air circulation blower of adequate capacity shall be provided for uniform circulation of air. ➤ 3 Years warranty period and 7 year CAMC after expiry of warranty period. 			
2.	<p><u>BOD Incubator (Quantity-1)</u> Technical Specification of BOD INCUBATOR</p> <ol style="list-style-type: none"> 1. Chamber Volume : 250-280 liters 2. Temperature range: 0° to 60°C 3. Temperature accuracy:+0.1° C 4. Digital timer:1 minute to 99hr 59 minutes 5. Refrigerator:1/6 HP (HBP compressor) 6. Material :Internal –stainless steel & External –Steel 7. Shelves: Stainless steel wire. Electro Polished and separable 8. Number of shelve: Three 9. Safety device: CLS (custom logical safe)-Control System 10. Microprocessor PID control 11. Auto-tuning/Calibration with shell level adjusters 12. Digital LED display (0.1°C resolution) 13. Optimized sample inspection through tempered inner glass door without affecting chamber temperature. Over temperature limiter and door opening alarm. 14. All accessories & electric fitting to be included 15. Three (3) compulsory visit for calibration and check-up irrespective of complaints 			
3.	<p><u>Water bath</u></p> <ol style="list-style-type: none"> 1. Temperature range from ambient temperature 0° to 100°C. 2. Thermostatic control with an accuracy of plus minus 0.5°C. 3. Double walled inside stainless steel and outside mild steel sheet 			

	<p>printed in epoxy powder coating.</p> <ol style="list-style-type: none"> 4. Bath consists of two pilot lamp temperature control knob and ON/OFF switch to work on 220/230 volts AC supplied with or without stirring arrangement without racks and thermometer. 5. Lid of water bath is made of stainless steel 304 Qlty. <table border="0" style="width: 100%; text-align: center;"> <tr> <td>L</td> <td></td> <td>M</td> <td></td> <td>D</td> </tr> <tr> <td>SBS-1</td> <td>300mm</td> <td>250mm</td> <td>175mm</td> <td>Suitable</td> </tr> </table> <p>14 Ltrs</p> <p style="text-align: right;">For 2 racks</p> <p>Audible warning safety signals should be there for high/low temperature warnings, and dry running protection.</p> <ol style="list-style-type: none"> 6. Instrument should have lift up bath cover. Carrier racks should be given for flasks and test tubes racks. 7. A cock should be provided to facilitate draining of bath contents. 8. Water bath protective media should be there to prevent contamination and formation of algae. 9. Heating capacity- 2 KW: should have all the accessories required for the functioning of the equipment. 10. Equipment should be FDA/CE certified or equivalent standard of repute. 11. It should be ISO 9001:2000 or other equivalent quality certification. 12. All electrical peripherals required for smooth functioning e.g. voltage stabilizer should be provided with the equipment. 	L		M		D	SBS-1	300mm	250mm	175mm	Suitable			
L		M		D										
SBS-1	300mm	250mm	175mm	Suitable										
4.	<p><u>CO2 Incubator</u></p> <ul style="list-style-type: none"> • Chamber volume: 190 litres or higher with Stainless Steel Interior Chamber in SS316 L for highest quality with at least 4 shelves. • PID Touch Screen Controller. • Auto-Sterilization at 180 Deg C or higher. • Humidity control (@ 37°C+5%) up to 95% • Six side direct heat system with independent door heater to prevent condensation on inner glass door. • Fan less system for reduced risk of contamination. • Control screen can show the data(of temperature and co2) in graphical format for the last 72 hours. • Infra red CO2 Sensor for control from 0-20% with accuracy of 													

	<p>+/-0.1%, sensor have to be drift free so that no auto zeroing is required.</p> <ul style="list-style-type: none"> • HEPA Filtered CO2 Gas inlet. • CO2 supply failure to incubator indicator and alarm. • Built in door opening Alarm, CO2 pressure regulator to ensure optimum CO2 recovery after door opening, high and low temperature & CO2 Alarms, fully adjustable by user. • Temperature Control: at least 5 deg C above ambient to +60 Deg C with an accuracy of +/-0.1 Deg C at 37 Deg C. • Independent safety over temperature cut-out and quoted model should be ISO and CE certified. <p>Power requirement 230 volts 50 Hz.</p>			
5.	<p>LABORATORY REFRIGERATOR</p> <ol style="list-style-type: none"> 1. Capacity 280-400 liters. 2. Temperature 2-8°C 3. Preferably, roller mounted. 4. Adjustable shelves. 5. Battery backup. 6. Durable rust free exterior. 7. Durable unbreakable interior. 8. Control panel with temperature alarm, on/off switch and digital thermometer. 9. Interior lighting. Drip tray and deforesting arrangement. 10. Adequate circulation of air to ensure even cooling by DUCT system. 11. Door with lock. Inside of door provided with racks. Door hinges and latches should be chromium plated. 12. Electronic automatic temperature control. 13. Operable at 220 V. 50 Hz. 14. Compressor unit to be hermetically sealed with guarantee for at least five years. 15. Three years warranty. 7 yrs. comprehensive AMC should be available with services centers in close proximity. 16. Should have all the accessories required for the functioning of the equipment. 17. CE/ISI mark or other equivalent quality certification. 18. All electrical peripherals required for smooth functioning e.g. voltage stabilizer provided with the equipment. 19. There should be provision for demonstration before final approval of equipment. 			
