

ANNUAL TENDER: 2014-15



TENDER No.: 01 / 2014 - 2015 / IGIMS / Store.

GROUP: B

Surgical Consumables & Instruments for all surgical units and Dialysis /ERCP/Endoscopy/Urology/Neurology/ Cardiology/Orthopedics / Obs&Gynec .OT /Emergency O T etc.

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA, PATNA - 14.

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IMPORTANT DATES

Last date for submission of Bidding Document	18.06.2014 Till 3.30 P.M.
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CHAPTER – 1

INSTRUCTION TO BIDDER

INSTRUCTION TO BIDDER

TENDER FORMS & DOCUMENTS

01.	Last Date & Time of opening of Tender is 18.06.2014 till 3.30 P.M.	Cost of Tender Document: Rs. 1, 000/-
02.	Name & Address of tenderer(s):	
03.	Registration No of the following: - a. Shop & Establishment/Registration No.(Desirable) b. BST & CST No/VAT No. (Attached certificate) c. Sale Tax clearance certificate. Up to date d. DGS & D Registration Certificate, if rate quoted on DGS D Rate contract. Note: - Tenderer must be registered with Bihar Sales Tax department.	
04.	Earnest Money:- Rs.10, 000/(Rs. Ten Thousand for each Group) in favour of Director, I.G.I.M.S., Patna payable at Patna in way of Demand Draft. No.....dated.....and Amount.....	
05.	Period of validity of quoted price:- 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 Non-transferable .	
10.	Please mention “ Name of Group” 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. Note: Overwriting / Fluiding / Cutting in price will not be allowed. Rates/Prices must be mentioned both in figure and words.	

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 only.
3. Last date for submission of bidding document/ /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:** Up to 31.03.2015.(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-B

SURGICAL CONSUMABLE & INSTRUMENTS FOR ALL SURGICAL UNITS AND DIALYSIS

Department of Nephrology/Dialysis

- 1 Single Lumen Femoral Catheter :- 14G (Imported Teflon Radiopaque with
Lock I.D 0.070” or 1.8 mtrs.OD-0.106” or 2.7 mm,Length 6” or 10”
- 2 Double Lumen Femoral Catheter ; - 12 Fr x 6” (16cm)
Radiopaque, Pilyurethane.
- 3 Guide Wire;- Flexible tip spring guide wire type- straight, size-
0.035 “ or 9 mm Length- 70cm
- 4 PD (Peritoneal Dialysis) Catheter;- Adult and Pediatric size.
- 5 Resuscitation kit;- complete set
- 6 Incubator;- 37 degree C
- 7 Endo Tracheal tube ; - Adult and Pediatric size
- 8 Oro Pharyngeal Air way.
- 9 Laryngeal Forceps
- 1 Renal Biopsy gun;- 16G, 18G
- 0
- 1 Medicate 16G
- 1
- 1 Hydrogen Peroxide 20 vol.
- 2
- 1 Citric Acid
- 3
- 1 Sodium hypochlorite 4 %
- 4
- 1 Oxalic Acid (crystal)
- 5
- 1 Normal Saline solution
- 6
- 1 Beta dine solution
- 7
- 1 Fistula needle;- 16G
- 8
- 1 Leucoplast 2”x5m
- 9
- 2 Micropore 2”
- 0
- 2 Surgical Blade;- 11 no.
- 1
- 2 Dextrose Solution (50%)100 ml Bottle
- 2
- 2 Peritoneal Dialysis fluid;- 1 lit, 1.5 lit and 2.0 lit bag.
- 3
- 2 Heamodialysis concentrate fluid (10 lit) Bicarbonate and Acctate.
- 4
- 2 Artificial Dialyzer;- Low flux (size) -0.65m,0.90m,1.0m,1.2m&
1.5mz
- 5
- 2 Injection Heparine;- 25,000 unit vial
- 6
- 2 Low molecular weight Heparin (LMWH) Prefilled syringee
- 7

2 IV SET
8

2 B T set

9
3 Xylocane solution 2%

0
3 Common salt (Crystal)

1
3 Cidex 2.5-3.0% 5 lit jar
2

CONSUMABLES FOR ENDOSCOPY&, ERCP

Name of the items

Sphincterotome – triple lumen, precurved pull type, wire guided (0.035”) short nose (7-10 mm) monofilament wire, cutting wire length 20/2530 mm with/without insulated coating on proximal part of wire,

Sphincterotome- double lumen, wire guided catheter size approx. 4-5 Fr

Needle knife sphincterotome- triple lumen wire guided(0.035) needle size 3-5 mm

ERCP cannula- double lumen wire guided (0.035/0.025) radio opaque tip, tapered tip/metal tip catheter size 5-6 Fr

Guide wire- 0.018/0.021/0.025/0.035 480 cm zebra type straight/precurved/stiffwire

Guide wire- 0.021/0.025/0.035 480 cm hydrophilic distal tip straight/precurved

Guide wire- 0.021/0.025/0.035 480/260 cm fully hydrophilic straight/precurved

Extractor balloon-triple lumen wire guided(0.035) with variable balloon diameter 9-12/12-15/15-18 mm

Biliary extraction basket 4 wire double lumen various sizes diameter 1.5,2.0,2.5,3.0 cm & length 3.0,4.0,5.0,6.0 cm

Mechanical Lithotripter double sheath stainless steel & Teflon basket diameter 22,25,30,35 cm((for through the scope USE)

Pancreatic stoneextraction basket diameter 0.5 cm

Nasobiliary drainage catheter 250cm diameter 5-7 Fr multiple side holes, pigtail tip

Nasopancreatic drainage catheter 250 cm length diameter 5 Fr straight tip

Biliary dilatation catheter wire guided (0.035) 200 cm various sizes 5/6/7/8.5/9/10/11.5 Fr

Biliary balloon dilatation catheter wire guided (0.035) 180 cm balloon length 3 cm various sizes 12/18/24/30 Fr. With compatible inflation device

Multi band variceal ligator standard size with at least 6 bands

EST needle 21/23/25 G needle tip 4-6 mm length 200-240cm

Wire guided plastic esophagal/pygric/color dilator set various sizes 15/18/21/24/27/30/33/36/39/42/45/48/51/54/57/60 Fr with compatible guide wires, etc and carrying case

Esophageal balloon dilator various sizes 18/24/30/42/48/54/60 Fr

wire guided/non wire guided with compatible inflation device
 Pyloric/Colonic balloon dilator various sizes 18/24/30/42/48/54/60 Fr
 wire guided/non wire guided with compatible inflation device
 Esophageal/Pyloric/Colonic wire guided variable inflation balloon dilators various sizes 18-21-24/24-27-30/30-33-36/36-40.5-45/45-49.5-54/54-57-60 Fr with compatible inflation device
 Achalasia balloon dilator diameter 30/35mm length 8 cm wire guided (0.035) with compatible inflation device
 Pancreatic plastic stents 3/4/5/6/7 Fr
 Rat tooth foreign body forceps
 Biopsy forceps with central spike compatible with Olympus GIF 130 UGI video endoscope
 Cleaning Brush for Olympus GIF 130 UGI video endoscope & Olympus TJF 130 video side viewing endoscope
 Biliary Self-expanding metallic stent covered/uncovered various sizes 6/8/10 mm length 4/6/8/10 cm
 Esophageal Self-expanding metallic stent covered / uncovered flange diameter 18/20/23 mm length 8/10/12/15 cm
 Colonic Self-expanding metallic stent covered/uncovered diameter 20/22/25mm with flange length 4/6/8/10/12cm
 Duodenal Self-expanding metallic stent covered/uncovered diameter 20/22 mm length 6/9/12 cm
 Tru Cut Biosy Needle(18G,15mm)
 Platinum Tipped Guide Wire (4Meters)
 Complete set for Endoscopic Biliary Stenting.
 For 7F stent
For 10F stent
 Complete set for Percutaneous Biliary Stenting
For 7-F Stent
For 10-F stent
SOEHENDRA MECHANICAL LITHOTRIPTER –ONE Set
HOWELL BILIARY INTRODUCER WITH NEEDLE BRUSH AND FORCEPS- 2 SET
DOUBLE LUMEN BILIARY BRUSH
 Foreign body forceps:-
Basket type
Rat tooth type
Tooth forceps with Alligator
 Xenon bulb for use in olympus and pentax Light Source for Video Endoscope
 Halogen Bulb(15 W: 150 V
Semidisposable Biopsy Valve
Channel I Cleaninag brush for:-
 Entroscope/UGI endoscope/ colonoscopy/side view endoscope/
 EST needle
Biopsy Forceps for :-
 Deudnoscope/UGI Endoscope/Colnoscope/Enteroscope
Polypectomy Snare for Colonoscope (1.7 M)
Chiba Needle
Sanastaken tube-,
Triple lumen- Pediatric and Adult
-Guide wire for EDER PUESTOW Dilator
-Stiff Zebra Guide Wire (4 M)-R
Liver Biopsy Needle Tru Cut Type
Liver Biopsy Gun Menghini Type
Peritoneal Biopsy Needle
Small Intestinal Biopsy Capsul:-
CVOSBY CAPLUB.
Watson Capsule
Esophageal Prosthesis Insertation Set- Complete Set

Teflon dialator:10meter
-7f catheter
-0f catheter
ERCP cannula:-
A; Radio –opaque tip canula (triple munmen)
B;- Taperred tip canula
C; double lumen Radio opaqe tip canula
Guide wire for use in endoscopic biliary stenting
A;- Zebra guide wire (04 meter 0.035 inch)
B;- Radio –focus terumo guide wire (2.6m/4.5 m)
C;- Platinum tipped guide wire (04meter)

GENERAL SURGICAL items & INSTRUMENT

<u>Sl.No.</u>	<u>Name of Item</u>
1	.Urine Bag (Sample Essential)
2.	Bed Pan: Enamel, steel, S S, Plastic (Sample Must)
3-	Urine Pan (Male/Female)-Enamel, S.S., Plastic (Sample Must)
4-	Surgical Blade No. 10, 11, 12, 15, 20, 22, 23, 24 (Sample Must))
5-	Kidney Tray –S.S., (Sample Must)(Different size)
6-	Cidex Tray, Large/ Medium/ Small
7-	S S Bowl
8-	Weighing Machine with detail specification- Digital
9-	Dressing Drum:- S.S Steel Jointless 9” x9”, 11” x 9”, 12” x 10”, 15” x 12”
10-	Rubber Sheet: Duck Back / Other Std. Product
11-	Thermometer (hicks)
12-	Scissors ST –7’Sample required
13-	Tray S.S.-12 x 10’, 15 x 11’, 17 x 17’ Sample required.
14-	Surgeon Apron (Plastic Synthetic) with sample
15-	Container for Chattel Forceps
16-	Bottle Brush sample required
17-	Dirty Linen Bag
18-	Intra Cardiac Needle
19-	Tortniquet
20-	Rubber Tube
21-	Bed Pan Rack
22-	Taphaline Speculum (S.S.)
23-	Nursing Tray.
24-	Trocar Cannula Small, Medium, Large
25-	Suture needle curved/ cutting / ST cutting
26-	Desmus lid reactor.
27-	Puncture dilator
28-	Tonometer Schiote
29-	Slit lamp
30-	MC Pheveson forceps
31-	Suture type forceps.
32-	Wire Speculum
33-	Epilation forceps.
34-	Tommy scissors.
35-	Tommy Syn.
36-	Cut down canula
37-	Clip removal
38-	Atomizer (Local Spray)
39-	Wisimok
40-	Catherization set

- 41- B.P Blade with size
- 42- Suction catheter No- 6,8,10,12,14,16,18,
- 43- Dressing set
- 44- Artery forceps Straight / Curved
- 45- Laryngeal Forceps.
- 46- Stillet (wire Tipe)
- 47- Plastic Array different size
- 48- Irrigation set With Connector
- 49- Boiler
- 50- Probe set
- 51- Malicot drain size 18,22,24,28,30,32
- 52- suction catheter
- 53- tournquite
- 54- trocar canula medium
- 55- vaginal speculum plastic airway
- 56- tomy syringe
- 57- Aceptic syringe
- 58-

Dentistry

Electronic Deltal Chair		
Dental		
*	Dental Compressor	- 1.5-2.0HP-
Dental X RAY with all accessories		
Light cure machine		
Airotor hand piece		
Ultrasonic Scalar		
Light Cure – LED Turbo bee cool		
Micro motor HPS		
Straight HPS		
Water bath sterliser		
Front loading autoclave,		
Lab. Micromotor with portable machine		
Dental Forceps for Pedo,		
Root Elevators full Set,		
Bone Curettes, Lucas		
Bone Rongeurs, - Blumenthal		
Needle Holders - Adson		
Scissor wagner Straight		
Scissor wagnere Curves 12 cm		
Periosteal Elevators		
Impression Trays Perforated - Towne		
Adam Plier		
Universal Plier		
Bird Beak Pliers ,		
Hard Rubber Bowl		
Alginate Mixing Spatula		
Semi Adjustable Articulator,		
Polishing Lathe (Cario De, italy)		
Disposable Hand Latex Gloves,		

Mouth Mask,
Saliva Ejectors Disposable
GP points (Normal)
Crown Access Preparation Bur Set,
Diamond Burs for Airotor
Mandril
Mandril Disc
Crown and Bridge Kit with 24 burs
Shade Guide
Crown Remover with 3 attachments
Pulpadent Endobox,
Dental Mouth Mirror
Distil Water
Composite Finishing Kit with burs
Edentulous tray (stainless steel) Rimlock set of 10
Water bath sterilizer (medium size)
Probe william single ended
Heavy wire cutter
Cotton drum (medium) size 7 x 9"
Hand Scaler

DEPARTMENT OF ORTHOPAEDICS & EMERGENCY

Item No	Technical Specification Instruments / Equipments
1	Power Drill (Battery-cum Electronic System with Stand) DRILL Forward/Reverse with variable Speed control, REAMER with flexible reamer size 8mm to 15mm , OSCILLATING SAW with 5 blade (Should be US FDA approved)
2	Portable X-Ray 100 mA (Should be US FDA and AERB approved)
3	Electrosurgical Diathermy with unipolar and bipolar (Under water cutting) (Should be US FDA approved)
4	Plaster oscillator cutter (Electric Operated) with Two Extra Blades (ISI & CE certified)
5	Pneumatic tourniquet set - (Electric Operated) electronic digital display with Battery backup With autoclave 5 Cuff (small 1, medium 2, large 2) (ISI & CE certified)
6	Ortho Surgery Minor set (ISI certified)
7	Power Drill (Battery-cum Electronic System with Stand) DRILL Forward/Reverse with variable Speed control, REAMERwith flexible reamer size 8mm to 15mm , OSCILLATING SAW with 5 blade (ISI & CE certified)
8	CANULATED SCREW Instruments Sets in S.S. Box 4mm and 7mm (ISI & CE certified)
9	EXTERNAL FIXTUAR SYSTEM For Long & Small Bone (ORTHOFIX TYPE) (ISI & CE certified)
10	Electric Suction Machine heavy duty international standards (ISI & CE certified)
11	Plain Instrument trolley ,Stainless Steel Made, Two S.S. Shelves, covered with Three Side Rails Mounted on four 100 mm Castors, two with brakes Shelf Size : 75L x 45W x 90H cms (ISI certified)
12	Stretcher on Trolley Hospital patient transfer trolley. Stainless Steel Made with mattress and Large Durable wheel (ISI certified)
13	Dressing Trolley with Bowl & Bucket S.S. Dressing Table, Stainless Steel Made Two S.S. Shelves, covered with Three Side Rails Provided with One S.S. Bowl and Bucket Mounted on four 100 mm Castors, two with brakes Size : 75L x 50W x 90H cms (ISI certified)
14	Foot Steps. Frame work of CRCA tubes Pre-treated & Epoxy Powder Coated Finish Size : 50L x 40W x 46H cms (ISI certified)
15	I.V. Stand. S.S. Pipe, press molded Five leg base with 50 mm castors S.S. adjustable rod with 136 – 224 cms with double hook Size : 50L x 25W x 20H cms (ISI certified)
16	O.T. Light (Stand Model) (ISI & CE certified)
17	LED O.T. Light (Should be US FDA approved)
17 A	LED O.T. Light (ISI & CE certified)
18	OT Table for Orthopedics / Neuro-Surgery/ General Surgery/ Obst. & Gynae(Electrically Operated): (ISI & CE certified)
19	Dressing kit (ISI certified)
20	Sterilizing Drum 18/8 stainless steel (ISI certified)
21	Blood Pressure Apparatus Mercurial Stand Floor Model Fix Type (ISI certified)
22	Compressor Nebulizer Machine (ISI certified)
23	Patient Examination table s.s. made with matters or wooden made with Matters (ISI certified)
24	Autoclave double drum Electric operated for Sterilization of Instruments (ISI& CE certified)
25	Chemical Autoclave tools Cidex Sterilization tools for Sterilization of Instruments (ISI certified)
26	B type Oxygen Cylinder with Regulator and Trolley (ISI certified)
27	Four leg Revolving S.S Stool (ISI certified)
28	Linen Trolley (with Canvas) (ISI certified)
29	Boiler for hot Water Sterilization of Instruments Electric operated (ISI certified)
30	Bi-Phasic Defibrillator (ISI& CE certified)
31	INFUSION PUMP (ISI& CE certified)
32	Multipara Monitor (ECG, SPO2, NIBP, RESP, TEMP, Pulse rate) (ISI& CE certified)

Ortho Surgery Minor set

Sl No.	Particulars	Qty
1	Sponge Holders straight Length 11"	02
2	Towel Clip (6+6) Length 4", 6"	12
3	B P Handle No 3,4	02
4	Forceps dissecting Thumb Tooth Length 6", Tip 2.5mm	01
5	Forceps dissecting Thumb Plain Length 6", Tip 2.5mm	01
6	Forceps dissecting Tooth Length 5"	01
7	Forceps dissecting Plain Length 5"	01
8	Gouge curve, small, medium, large	03
09	Periosteum elevator, small, medium	02
10	Metal Osteotome, small, medium, large	03
11	T- handle with chuck	01
12	Hand drill machine	01
13	Bone Holding forceps in pair small, medium, large	06
14	Bone lever, cobra head, small, medium, large (in pair)	06
15	Hammer (5lb)	01
16	Bone nibbler, Straight 9", curve 9"	02
17	Bone nibbler Curve 6", straight 6"	02
18	Bone plair cum-cutter	02
19	Wire twister	01
20	K - Wire cutter	01
21	Ellise forceps	06
22	Bone curette, small, medium, large	03
23	Skin(tissue) retractor four prone medium (in pair)	02
24	Needle Holder Heavy Length 8"	01
25	Needle Holder Heavy Length 6"	01
26	Lagan bag retractor, small, medium (in pair)	04
27	Kidney tray	02
28	Scissor Mayo Straight Length 7"	01
29	Fine scissor curve	01
30	Scissor straight	01
31	Artery forceps curve	06
32	Artery forceps Mosquito	04
33	Koshers Straight 6"	02
34	Bowel Diameter (8", 4")	02
35	S. S. Instrument container	01
36	S.S. Measuring Scale 12"	01
37	S. S. Squire tray 9" x 9"	01
38	Power drill computable Cannulated Remmar 7mm to 12mm	1Sets.
39	"T" Cannulated Remmar 8mm to 15mm	1Sets.
40	Bone nibbler, duckbill 9", Bone nibbler, duckbill 6".	02

Item No:-1 OT Table for Ortho. Surgery/ General Surgery/ Obst. & Gynae - Manual Hydraulic

1. The table should have minimum 4 sections
2. The table should have a detachable split leg and detachable head section.
3. The table top should be completely radiolucent.
4. The table top should have a minimum height of 765mm.
5. The table top should have a minimum vertical stroke of 300mm
6. Should have at least 25° trendelenburg or reverse trendelenburg
7. Should have at least 20° lateral tilt movement
8. Should have at least 80° back up movement
9. The head section should have up and down movement.
10. The table should have a heavy and sturdy base and compact to provide adequate foot room for the operating team.
11. The table should be mounted on heavy duty casters which offer enhanced weight bearing capacity and free mobility.
12. The table should have a single lever foot operated brake pedal
13. Should have a minimum patient weight bearing capacity of 100 Kgs.
14. Base should be made of cast Iron and all other parts and accessories should be completely made up of stainless steel.
15. The size of the main central column should be smaller to offer higher c-arm access.
16. The table should be compatible for spine surgeries with C-arm or separate accessory should be provided for doing spine surgery with C-arm.
17. The pelvic support should be movable to the edges and completely radiolucent.
18. The perennial post should be completely radiolucent
19. The table should be supplied with the following accessories.
 - a. Mattress for the complete table top in sections - 1 set
 - b. A pair of arm boards with pad and fixing clamp - 1
 - c. A pair of padded shoulder support with clamps - 1
 - d. A pair of padded lateral support with clamps - 1
 - e. A pair of leg crutches with clamps - 1
 - f. Anesthetic screen frame with clamp - 1
 - g. Adjustable traction device with minimum leg stroke of 175mm
 - h. Should have accessories for tibia interlocking.

Four leg S.S Stool Features:

- Size : 30mm dia
- Height: adjustable 457mm to 710mm
- MS round frame work
- Rod for support
- SS Top
- Mechanism screw for up / down adjustment
- Mounted on rubber shoe
- Finish with paint

**Item No:-2 OT Table for Ortho. Surgery/ Neuro-Surgery/ General Surgery/ Obst. & Gynae /
(Electrically Operated):**

Description of Function:

1. Operating tables provide an elevated surface that supports the patient's body during surgical procedures, stabilizing the patient's position and providing optimal exposure of the surgical field.
2. C-arm compatibility with electro-hydraulic operation table.

Essential Technical Specifications:

1. Minimum six section table-top, which should be X-Ray translucent for fluoroscopy with 'c' arm and with radiolucent mattress.
2. The table should have a provision to be operated in the following modes:
3. Electrically by remote control and should have a removable standby handset with rollable cord located on the table column as well as an additional manual auxiliary mode facility.
It should have integrated batteries with a capacity for approx. 50 operations and an integrated battery charger. It should have at least the following electrical functions:

(i) High / low	approx.	600-1200 mm
(ii) Side tilt / lateral left and right	approx.	15-30°
(iii) Trendelenburg and Reverse Trendelenburg	approx.	20-45°
(iv) Back section	approx.	+70° / -40°
(v) Leg section	approx.	+70° / -90°

The leg section must be removable and the leg section interface must allow the alternative attachment of electrically adjustable leg holders or an optional electrically adjustable.

- Back section for shoulder arthroscopy
4. Manual adjustments (hydraulic/gas spring supported). It should have at least the following functions:

(i) Head section up and down	approx.	+25° / -45°
(ii) Divided leg section up & down	approx.	+20° / -90°
(iii) Swivelling of leg sections	approx.	70°
(iv) Back section up & down	approx.	+70° / -40°
(v) High / low	approx.	600-1200 mm
(vi) Side tilt / lateral left and right	approx.	15-30°
(vii) Trendelenburg and Reverse Trendelenburg	approx.	20-45°
 5. The table can be operated manually, electrically on AC mains power or on batteries.
 6. The remote control should have a clearly labelled control panel for main adjustments such as height, lateral, Trendelenburg / Reverse Trendelenburg, back section, leg section, return to basic position and reverse mode. It must have an indication of the load control of the batteries.
The control unit should have a backlit display and control panel ensuring a safe and easy handling in the darkened operating room when doing minimally invasive surgery.
 7. Optional Bluetooth remote control unit may be available.
 8. Should preferably have integrated software information system to simplify maintenance and service of the table
 9. Radiolucent six section table top in head section, short back section, back section extension, seat section with perineal cut, divided leg section. With quick release facility to remove or interchange head and leg sections (Reverse Mode).
 10. should preferably have antistatic and liquid-tight mattresses with shock absorbing foam for Decubitus Prophylaxis and for reducing the cooling of the patient during surgery.
The mattresses must be free from Latex material. Mattress must preferably have a thickness 50-80mm.
 11. All metal components of the table should be made of corrosion resistant and disinfectant proof stainless steel.
 12. Mobile table-base on antistatic heavy duty swivel castors with central brake ensuring a stable base.
 13. Should also be suitable for obese patients. Minimum tolerable weight should be 250 kg.
 14. Should have stainless steel accessory rails on both sides of the table-top to hold various accessories.
 15. Should be supplied with the accessories for orthopaedic traumatology, spinal surgery and shoulder and knee arthroscopy.

Orthopaedic accessories:

1. Extension Device with following Acc.
 - Pair of Adapters
 - Countertraction Post for femur
 - Telescopic bar long
 - Telescopic bar short
 - Screw tension device
 - Foot Plate support
 - Side rail Ext
 - Supporting bars
 - Radial Setting clamp
 - Transport Cart
2. Foot Plate (Pair)
3. Counter traction post for femur
4. Rotation & tilting clamp
5. Traction Stirrup clamp
6. Countertraction Post tibia
7. Condyle Fixation
8. Universal support for positioning lower Leg
9. Pad for disc operations
10. Fixture for body support
11. Lateral Support
12. Shoulder support
13. Back buttocks support
14. Pubis-sacrum-sternum support
14. Allen Arm/Hand table (Radiolucent)

Power Supply

- Power input to be 220-240VAC, 50Hz fitted with Indian power-plug

Environmental Factors

- The unit shall be capable of being stored continuously in ambient temperature of 0 -50 deg C and relative humidity of 15-90%

Standards & Safety

- Should be FDA, CE, UL or BIS approved product.
- Manufacturer should have ISO certification for quality standards
- Electrical safety conforms to standards for electrical safety IEC 60601-1 General Requirements (or equivalent BIS Standard).
-

TECHNICAL SPECIFICATIONS FOR ELECTROSURGICAL GENERATOR /CAUTERY**Description and Specification: -**

1. System should be CE & US FDA approved. Certificate of Both Standard Should be attached with Tender.
2. Micro controller based isolated Electrosurgical Generator having both Monopolar and Bipolar outputs designed for all surgical procedures.
3. Smart generator should be able to monitor changes in tissue impedance continuously and adjusts power.
4. Monopolar outputs should have three cutting modes: -
 - a) Low Cut for delicate tissue or Laparoscopic cases having maximum power of 300 W.
 - b) Pure cut for clean, precise cut in general surgery having maximum power of 300 W.
 - c) Blend mode for cutting with homeostasis having maximum power of 200 W.All cut modes should be able to adjust output power depending on tissue density by less than 15% or 5W, whichever is greater.
5. It should have three Coag Modes with maximum power of 120 W
 - a) Desiccate mode for low voltage contact coagulation suitable for Laparoscopic and delicate tissue work.
 - b) Fulgurate mode for efficient non-contact coagulation in most applications.

- c) Spray mode should have randomized spray effect of varying amplitude and frequency for coagulating large tissue areas with minimum depth of necrosis.
6. It should have three bipolar modes with maximum power of 70 W
 - a) Precise mode to have fine control of desiccation in delicate tissue.
 - b) Standard mode for applications at low voltage to prevent sparking.
 - c) Macro mode for applications on tissue with high resistance.
7. It should have patient plate monitoring facility and should give audiovisual alarm and deactivate output if contact between patient and patient plate is not proper to eliminate the risk of patient burns.
8. The unit should have two hand switching and two Foot switching Monopolar outputs and one hand switching and foot switching bipolar output.
9. It should have membrane keyboard for power settings.
10. The unit should have individual digital display of power for Bipolar, Monopolar cut and Monopolar Coag.
11. The unit should have temperature sensing cooling fan, which should operate automatically to protect generator from thermal damage.
12. It should have RS232 serial port to interface with computer to reduce the time and effort in problem diagnostics.
13. The unit should be software upgradeable.
14. The unit should be compatible with Argon beam Coagulator and Ultrasonic Surgical Aspirator & Smoke evacuation System.
15. The unit should have RF activation port to tell other Equipment like ECG or EEG that RF current is being generated.
16. The unit should not have RF Leakage current more than 150 mA.
17. It should be Compact and light weight, weighing less than 10 Kg.
18. The unit should be operational between 170V AC to 260V AC, 50 Hz. (should not require stabilizer)
19. It should have safety standard of UL, CUL, IEC 601-2-2.
19. It should be compatible with Tissue Select.
20. It should be compatible with Robotics arm.
21. It should be compatible with Cook's Lead Extraction system.
22. Accessories
 - a. Monopolar Footswitch-1no.
 - b. Bipolar footswitch-1no.
 - c. Reusable Hand switching Pencil- 2nos.
 - d. Disposable Patient Plate Monitoring System-50 nos.
 - e. Bipolar Forceps-1no.
 - f. Forceps Cord-2nos
 - g. Universal Adapter-1no.

TECHNICAL SPECIFICATION FOR SUCTION APPARATUS

A. General Specifications:

1. The company shall be ISO certified. Please submit the valid ISO certificate.
2. The unit shall be CE/FDA/ WHO –GMP Certified unit. Please submit the valid CE/FDA/ WHO – GMP certificate.
3. The unit shall be WHO –GMP Certified unit. Please submit the valid certificate.
4. The company shall have a local service center based at Raipur or anywhere in Chhattisgarh. Please provide address of the service centre.
5. The company/supplier shall have experience in supplying/sale of above items in Govt. sector.

B. Technical specifications:

It should be/have;

- 1 Machine should be oil less and belt less
- 2 Machine should have UPS/inverter friendly
- 3 Machine should not consume not more than 50 Watts electricity

- 4 Machine should have 2x2 lit polycarbonate jars (autoclavable) with over flow protection system with bacterial filter
- 5 Machine should have min25 LPM free flow
- 6 Machine should come with foot switch
- 7 Machine should be easily portable
- 8 Machine should have vacuum more than 660mmHg (adjustable)
- 9 Free flow 25 LPM
- 10 Motor integrated 1/16 HP CLASS f INSULATION
- 11 Operating voltage 230 volts A/.C
- 12 Current 0.3 amp
- 13 Vacuum 670mmHg
- 14 Power consumption 50watt or less
- 15 Body ABS PLASTIC

TECHNICAL SPECIFICATION FOR SHADOWLESS LAMP STAND MODEL (Portable)

A. General Specifications:

1. The company shall be ISO certified. Please submit the valid ISO certificate.
2. The unit shall be CE Certified unit. Please submit the valid CE certificate.
3. It should follow International safety requirement.
4. The company shall have a local service center based at Raipur or anywhere in Chhattisgarh. Please provide address of the service centre.
5. The company/supplier shall have experience in supplying/sale of above items in Govt. sector.
6. The manufacturer shall provide training at the installation site.

B. Technical specifications:

- Mobile, single dome, single reflector O.T.. Light mounted on sturdy stand.
- Dome made of aluminium and completely sealed.
- Glass dichroic reflector incorporated within aluminium dome.
- One main halogen bulb and one reserve halogen bulb.
- Reserved halogen bulb switched ON automatically in case of failure of main bulb.
- Halogen bulb positioned at the centre of the heat-absorbing colour correcting filter.
- Replacement of halogen bulb quick and without using any tool.
- Intensity control panel should be mounted on arm with following features :
- Feather touch key pad.
- ON/OFF.
- Intensity control
- Intensity bar graph display.
- Indicator for Main & Reserve bulb.
- Pre-focussed illumination cool and shadowless.
- Minimized Turbulence In Laminar Flow : slim compact light head with its aerodynamic shape, turbulence is minimized.
- Light Intensity at 01 Mtr. : 1,00,000 Lux.
- Dia of Dome: approx. 500 mm.
- Emergency Power Pack : approx. 1 Hrs. Backup

Technical Specification of LED O. T. Light:

- a. Should be LED based microprocessor control technology.
- b. One major dome and one satellite dome.
- c. Intensity at 1 meter distance 1, 50,000 to 1, 60,000 lux for satellite dome.
- d. Colour Temperature: 4500-5000 K.
- e. Having on off switch and light intensity control.
- f. Homogenous luminous field with lowest possible amount of shadow.

- g. The contrast between the lighted area and the surrounding should not cause stress to the surgeon's eye.
- h. Depth of illumination should be 120-140 cms. or more.
- i. Illuminated field diameter should be approx. 20-30 cms.
- j. Increase in temperature near head should be specified and should not be more than 1⁰ C.
- k. Colour rendering index (CRI) should be 93-98.
- l. Height adjustment by sterilisable handle.
- m. LED life span 50000 or more Hrs.
- n. Light field adjustment by sterilisable handle.
- o. Control panels on the light assembly as well as away from it for adjustment of light intensity, illuminated area and for switching on and off, focusing etc.
- p. The light head should be so constructed as to provide optimum conditions for laminar flow.
- q. Provision for attachment of Camera Head.
- r. It should have provision for using it during minimally invasive surgery maintaining the correct vision of the screen.

Dressing Kit

Kit Contains

- Mayo Scissors 14cm Straight TC
- Dissecting Scissors 14cm Sharp/Blunt
- Lister Bandage Scissors 15cm
- Spencer Stitch Scissors 11cm
- Foerster Sponge Forceps 25.5cm
- Dressing Forceps 16cm 02 Pcs
- Dressing Forceps 1:2 16cm 02 Pcs
- Kelly Forceps 14cm Straight
- Adson Forceps 12cm
- Lotion Bowl 04 Oz
- Kidney Dish 08"
- Needle Holder small, Heavy -2
- B. P. Handle, small, Large-2

BI-PHASIC DEFIBRILLATOR FEATURES

- Current Controlled Biphasic Waveform
- 100 Charge/Discharge of 300 Joules in a single charge
- Charge time < 10 Sec
- 24 Event Recording
- Storage, recall and printing of events
- Records ECG before and after Shock
- remote Charging/Discharging through paddles
- AED with Voice and Visual text prompts
- Guided CPR
- Selectable Energy Protocols

MULTI-PARAMETER PATIENT MONITOR FEATURES

- 12.1 inch high resolution colour TFT screen
- Standard configuration of ECG, RESP SpO₂, NiBP & TEMP
- Selectable multiple user interfaces
- Max 9 waveforms simultaneously display
- Max 720 hours trend review, 2880 sets NIBP data storage
- Multi-level visual and audible alarm indicator
- Arrhythmia ST & OXY-CRG analysis
- Nurse call function & pulse pitch modulation
- Built-in rechargeable Li-ion battery with back up time of 120 minute
- Networking Capability

- Optional parameters - Dual TEMP, ETCO2, Single/Dual IBP, AGM, Nellcor / Masimo SpO₂

Specifications

NIBP

- Method : Oscillometry
- Modes : Manual/Auto/Continuous
- Automeasure time : Adjustable
- Measurement rang : 10-270mmHg

ECG

- Lead mode : 3-lead or 5-lead
- Lead selection : I;II;III;avR;avL;avF;V
- Heart rate range : Adult:15-300bpm; Pediatric/Neonatal:15-300bpm
- ECG waveform : 2 channels
- Accuracy : ± 1 bpm or $\pm 1\%$
- S-T segment detection Measurement rang : -0.2mv~2.0mv
- Alarm : Yes,audible and visual alarm,alarm events review
- High resolution : 12.1"color TFT display
- Lightweight,compact and portable
- ECG,APO2,NIBP,RESP,2-TEMP,PR
- Optional : 2-IBP,ETCO2,And thermal printer
- Bulit-in rechargeable lithium battery
- ECG waveforms of 7-leads display on the same screen
- 72-hours graphic and tabular trends of all parameters
- 72 alarm events of all parameters recall
- 32 seconds full-disclosure waveform review
- 500 NIBP measurement date can be storage and recall
- Date and waveforms color be adjustable
- Arrhythmia analysis and S-T segment analysis
- Suitable for adult,pediatric and neonatal patient

SPO2

- Measurement range : 0-100%
- Accyarcy : 70-100%, $\pm 2\%$ 0-69%,upspecified

Pulse rate

- Range : 20-254bpm
- Accuracy : ± 3 bpm

Respiration

- Method : RA-LL impedance
- Range : Adult:0-120rpm; pediatric/neonatal:0-150rpm
- Apnca alarmYes

Temperature

- Range : 0-50
- Apnca : 0.1
- Channal:Dual : Channal

1	2 set of TURP /cystoscopy/PCNL/URS instrument			
2	Surgical diathermy for bioplor ,sline –turp			
3	Operating surgical instruments & Endourological instrumenmt accessories			
4	Opeating loops			
5	Suurgical diatyhermy unit with facility;- <ul style="list-style-type: none"> - Monopolar cut/coagulating - - Bioplar –cut/coag - - vessel sealing(6-8mm) 			
6	Urological operation tablr			
7	Dual intra corporial lithotripter			
8	URS equipment 6/7.5 fr and 8/9.8fr			
9	Universal nephroscope for PCNL 24-26FR			
10	Accessories for Pcnl (1) Alken canula, metallic telescopic			
11	Ureteroscope -7to9f Nephroscope-24f& 19f			

Instruments (Emergency OT)

- 1.Artery Forceps curved-6”(German Steel)
- 2.Artery Forceps straight 7”(German Steel)
- 3.Artery Forceps curved 7”(German Steel)
- 4.Kocher Artery Forceps-8” Curved (G S)
- 5.Kocher Artery Forceps. -9” Curved (GS)
- 6.Mayo scissors curved -7” (GS)
- 7.Mayo scissors curved -8” (GS)
- 8.Allics forceps-6”(GS) G S
- 9.Babcock tissue forceps-6” GS
- 10.Deavers abdominal retractor-2” RK
- 11.Langenbeck Retractor 6” RK
- 12.Proctoscope-5 1/2”
- 13.Chetal forceps -RK
- 14.Trocar cannula-
- 15.Mayo (Dunhill) Niddle Holder- Straight, Cross Sekated Geooved Jaw 7.6”(GS)
- 16.Suture removal scissors straight-5” angled
- 17.Doyan intestinal forceps-10 “
- 18.Doyan intestinal forceps-11”
- 19.Kocher Intestinal forceps-9” GS
- 20.Kocher Intestinal forceps. 10” GS
- 21.Kocher Intestinal forceps-11” GS

Obs& Gyne Ot Instruments.

Spong holder
Kochers clamp
Needle holder
Scissors straigfht, curve
Artery forceps
Allis forceps
Toothed dissecting forceps
Perineal sheet
Outlet forceps
ventouse
Baby warmer
Sims speculum
Longallis forceps
Oveums forceps
Cervical dalatyors
curette
Plain rubber cathetor
MVA set
B P handle
Curvecd /straight Artery forceps
Green armetetage forceps
Plain dissecting forceps
Scissor Mayos 6.5" Str/Cvd
Scissor Mayos 7.5" Str/Cvd
Scissor Mayos 8.5" Str/Cvd
Scissor Fine 6.5" Str/Cvd
Scissor Fine 7.5" Str/Cvd
Scissor Fine 8.5" Str/Cvd
Epistomy Scissor
Dissecting Forceps Tooth/Plain 6"
BP Handle No.- 3 & 4
Kockers Clamp 8" Artery Type
Volsellum
Doyens Retractor
Kidney Tray 10" Hospito
Sterilizer Machine Electric SS Body
MVA Syring
D & C Set Best Quality
Abdominal Retractor
OT Light (Reputed manufacturer may quote their own make & Modeland specification)
OT Table(Reputed manufacturer may quote their own make and model and specification)
Light Source(Reputed manufacturer may quote their own make and model and specification))
Baby Warmer
Labour Table
CTG Machine (Reputed manufacturer may quote their own make and model and specification)

Baby tray (/big/Stad. Size)
Anterior abd. wall
Myomectomy clamp
Doyens rectrector
Punch biosy forceps
Mosquito arery forceps
Babcocks clamps

Neurology(Clinical Neurophysiology Lab)

- 01 Acetone
02. EEG Paste
03. Electrode Jelly
04. ECG Jelly (Sigma Jel)
05. Nuprep skin prepping gel
06. Normal Saline
07. Insulin syringe
08. Tuberculin Syringe
09. CD, CD case
10. EEG Paper
11. EEG Cup electrode
12. Connectric EEG Needle
13. Monopolar EEG Needle
14. Ring Electrode Different size
- 15 EEG/NCV jel Sigma gel

I.C.U

1. Laminar Air Flow
2. Automated I.C.U Bed
3. Noninvasive Cardio output Monitor
4. Portable Spirometer
5. Transport Ventilator
6. Resuscitation Kit
7. PCA pump
8. Air Purifier
9. Temporary pacemaker with disportable
- 10 Shadowless Cold light on stand
11. Blood Fluid Warmer
12. Sterilium Hand wash
- 13 Examination Gloves disposable(plastic) size-6,7
14. Suction catheter with thumb control- PVC disposable –different size
15. Oxygen mask,Oxygen nasal prong
16. Ventimask
17. Silicon resuscimtor bag-Adult & Paediatric
18. Oxygen mask with reservoir
19. Percutaneous transtomy Kit (disposable)
20. Disposable cap,mask,shoe cover
21. Disposable gown
22. Vegetable based lubricant jelly
23. Micropore,Durapore,Eletroplast, transparent dressing ,Leucoplast
- 24 High pressure extension tubing
25. Pressure transducer (disposable) for invasive monitoring along with interface(cord)compatible with different manufacturers
26. I.V Canula (different size),I.V Set. B.T.Set,Paediatric set,Syring(different size) - imported Central Venous catheter, L F Needle , 27. Strips for Gluc ometer

Cardiology deptt.

- 1:- ECG Jely/ Ultra Sound Jelly
- 2:-TMT Paper
- 3:-ECG Page writer paper
4. ECG Roll

Blod Bank

- 1:-Blood Collection Monitor and Mechanical shaker
- 2; Elesa reader with washer
- 3;- Cell vcounter,P hmeter, Equipment for volume measurement
- 4;- Hot air oven
- 5:-Doner coach with monitor
- 6;- Haemoglobinometer
- 7;- Di-mad gel card
- 8;- Digital centrifuge, VDRL shaker,

ENT ITEMS FOR ANNUAL PURCHASE

- 01 Cutting burr of all size Tungustan coated : 10 sets
- 02 Diamond burr of all size Tungustan coated: 8 sets
- 03 High Power Soundless electric operated suction machine: 8
- 04 Revolving chair of executive type: 4
- 05 Revolving metal tools: 6
- 06 Computer table: 2
- 07 Trichloroacetic acid crystal 6 bottles
- 08 Microdrill of 40000 RPM: 4
- 09 Hand piece for micro drill of ear surgery compactable to 400000rpm
