



## **E-Procurement Tender**

**ALL INDIA INSTITUTE OF MEDICALS SCIENCE DEOGHAR**

(An Autonomous body under MoHFW, Govt. of India)

**E-Tender No.: AIIMS/DEO/SURGICAL ITEMS/2025-26/02**

### **E-TENDER**

**RATE CONTRACT FOR SUPPLY OF SURGICAL ITEMS AT AIIMS DEOGHAR**

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**ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS)**

**E-Tender Notice**

**NOTICE INVITING TENDER FOR  
SUPPLY OF SURGICAL ITEMS AT AIIMS, DEOGHAR**

On behalf of Executive Director, All India Institute of Medical Sciences, DEOGHAR (AIIMS DEOGHAR), invites electronic online bids ( e-Tender) through website of AIIMS, DEOGHAR <https://www.aiimsdeoghar.edu.in> (for ref. only) and CPPP <https://eprocure.gov.in/eprocure/app> under Two Bid system for (Part I :Techno commercial bid & Part II: Financial Bid or BOQ) from reputed & genuine manufacturers /direct importers who are interested and eligible to supply of SURGICAL CONSUMABLE items to AIIMS DEOGHAR. Manual bids shall not be accepted.

AIIMS, DEOGHAR request bidders to quote in line with tender documents uploaded& submit the offer on our e-portal <https://eprocure.gov.in/eprocure/app>.

**Upload of Tender:** Tenderers are advised to download Notice Inviting Tender along with other tender documents and submit the declarations and tender documents along with clear scanned copies of requisite documents to substantiate the claim towards their credentials while the tender shall be submitted online in soft copy on our e-tendering portal.

All interested bidders have to submit techno commercial bid (Part I) & Financial Bid (BOQ) (Part II) strictly in the tender format available online on e-portal. No other form of bid shall be accepted. Bids shall be digitally signed and uploaded by legally authorized and competent person on behalf of his firm / company and relevant documents w.r.t. the same to be uploaded along with the bid by the bidders.

**(Executive Director)  
AIIMS DEOGHAR**

1. Online electronic bids (e-tenders) under two cover systems are invited on behalf of Executive Director, All India Institute of Medical Sciences, DEOGHAR (AIIMS DEOGHAR) bid system (Techno-Commercial Bid and Financial Bid) from reputed, experienced and financially sound, interested and eligible bidders to supply **SURGICAL CONSUMABLE items** to AIIMS DEOGHAR. The bid is to be submitted online only on **<https://eprocure.gov.in/eprocure/app>** up to the last date and time of submission of bids. Manual bids shall not be accepted.
2. These items will be purchased on monthly basis / as or when required.
3. Tender documents can be viewed and downloaded from the website of AIIMS, DEOGHAR <https://www.aiimsdeoghar.edu.in> (for reference only) and Central Public Procurement Portal **<https://eprocure.gov.in/eprocure/app>** as per the schedule as given in CRITICAL DATE SHEET as Point No. 5 of NIT.
4. Type of Tender: Open Tender –Two Bid System.
5. Critical Date Sheet:

SI No	Particular	Date & Time
(i)	Published Date	<b>Date &amp; time as per date sheet available on CPP Portal</b>
(ii)	Bid Document Download / Sale Start Date	
(iii)	Seek Clarification Start Date	
(iv)	Seek Clarification End Date	
(v)	Bid Submission Start Date	
(vi)	Bid Document Download / Sale EndDate	
(vii)	Bid Submission End Date	
(viii)	Bid Opening Date	
(ix)	Financial Bid Opening Date & Time (Cover-II)	

## 6. Bid Submission:

Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>. Tenderer/Contractor are advised to follow the instructions provided for online submission of bids.

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document

**6.1** Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e. when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

**6.2** Tenderer who has downloaded the tender from the **website of AIIMS, DEOGHAR** <https://www.aiimsdeoghar.edu.in> and **Central Public Procurement Portal** <https://eprocure.gov.in/eprocure/app> shall not tamper/modify the tender form including downloaded price, bid template in any manner. In case, if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD would be forfeited. The tenderer is also liable to be banned from doing business with AIIMS DEOGHAR.

**6.3** Intending tenderers are advised to visit **AIIMS, DEOGHAR** web site <https://www.aiimsdeoghar.edu.in> and CPPP website <https://eprocure.gov.in/eprocure/app> regularly till closing date of submission of tender for any corrigendum / addendum/ amendment.

**6.4** Applicant contractor/vendors/bidders must provide Tender fee/Cost & EMD: Tender Fee/Cost & EMD are to be **deposited in the form of Demand Draft favouring “AIIMS DEOGHAR” Payable at Deoghar.**

**6.5 Tender Fee :** DD for an amount of Rs.1500/-(Rupees Fifteen Hundred only) (non-refundable) from Nationalized/Scheduled bank drawn in favor of AIIMS, Deoghar and payable at Deoghar has to be submitted offline (Scanned copy of DD to be uploaded online) towards tender document fees failing which the tender/bid will be rejected. Bidders are requested to write their name and full address at the back of the DD submitted.

**6.6 EMD:- Rs. 2,00,000/-.**

**6.7** Duration for Completion of Supply: - As per tender document.

**6.8** Valid NSIC/SSI /MSME certificate must be submitted online.

**6.9** Bids will be opened as per date/time as mentioned in the Tender Critical Date Sheet. After online opening of Technical-Bid the results of their qualification as well Price-Bid opening date will be intimated in due course.

**6.10** AIIMS, DEOGHAR reserves the right to cancel the tenders or postpone the tender and to accept / reject any or all tenders without assigning any reasons thereof.

**6.11** The validity of the offer shall be **270 days** after the date of opening of the tender. If any bidder withdraws his tender within the validity period or makes any modifications in terms and conditions of the tender and/or rates after submission of tender which are not acceptable to AIIMS, DEOGHAR or does not start the work within stipulated period from the date of issue of letter of acceptance, then AIIMS, DEOGHAR shall without prejudice to any other right or remedy, be at liberty to forfeit the Earnest money deposited by the bidder. In case of forfeiture of EMD, the tenderer shall be debarred from bidding in case of re-invitation of the tenders.

**6.12** AIIMS DEOGHAR reserves the right to reject any or all tenders and shall not be bound to assign the any reason for such rejection.

## **7. Submission of Tender:**

**7.1** The tender shall be digitally uploaded using their DSC in two parts, viz., technical bid and Financial Bid.

**7.2** All the pages of bid being submitted must be signed and sequentially numbered by the bidder irrespective of nature of content of the documents before uploading.

**7.3** The offers submitted by Telegram/Fax/email shall not be considered. No correspondence will be entertained in this matter.

(a) **Technical Bid:** Following documents to be uploaded using their DSC by the bidder along with Technical Bid:

- (i) Signed & scanned copy of proof for payment of Tender fee, Earnest Money Deposit (EMD) & duly attested copy of PAN, duly attested copy of GST registration certificate.
- (ii) Signed & scanned copy of Tender Acceptance letter “**Annexure-VII & VIII**”.
- (iii) Signed & scanned copy of List of items for which the rates are offered, as per the enclosed format (**Annexure II**).
- (iv) Signed & scanned copy of the Income tax returns (ITR) for last three (consecutive) Financial Year.
- (v) Signed & scanned copy of Copies of authenticated balance sheet for the last three (consecutive) years duly authenticated by chartered accountant mentioning proper Valid **UDIN No.**
- (vi) Signed & scanned copy of Non-conviction/ No pending conviction certificate for preceding three years issued by competent Drug Authority If item comes under Drug & Cosmetic Act 1940 & rules made therein as amended from time to time (refer Column 6 of Annexure II). For item not in any category of Drug& Cosmetic Act 1940 & rules made therein as amended, signed & scanned copy of Non-conviction/ No Pending Conviction Certificate attested/ issued by Notary for preceding three years.
- (vii) Signed & scanned copy of Self-Declaration on Rs 100/- Non-judicial stamp paper (Notarized) about lowest rate & passing on the downward rate revision (**Annexure-IV**).
- (viii) Signed & scanned copy of List of Institute/Hospital where the company supplying the tendered item during last 12 months.
- (ix) Signed & scanned copy of a Notarised affidavit on Rs. 100/- Non Judicial stamp paper certifying that the firm has not been black listed in the past by any Government/Private Institution and there is no vigilance/CBI/case pending against the firm/supplier (**Annexure-XII**).
- (x) Signed & scanned copy of Manufacturer Authorization Certificate (as Applicable) (If not applicable, please declare).
- (xi) Signed & scanned copy of **Drug License** (If applicable on any item given in technical bid)(If not applicable, please declare).
- (xii) Signed & scanned copy of USFDA Certification (If applicable for any item).
- (xiii) Signed & scanned copy of Name, Mobile Number and Email ID of a Key person, who can be contacted at any time. The person should be capable of taking orders and making arrangement for supply of the desired items.
- (xiv) Signed & scanned copy of any other information important in the opinion of

the tenderer.

**(xv)** Catalogue of all quoted products with Tender Item No mentioned properly.

**(xvi)** Signed and Scanned Copy of Notorised affidavit on Rs. 100/- of Integrity Pact **(Annexure-X)**, GFR 144(Xi) Compliance Certificate **(Annexure-XI)** **Annexure-V & Annexure-IX.**

**(b) Financial Bid:**

**Schedule of Financial Bid in the form of BOQ\_XXXX .xls**

The Financial Proposal/Commercial bid format is provided as BoQ\_XXXX.xls along with this tender document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to download this BoQ\_XXXX.xls as it is, and quote their offer/rates in the permitted column and upload the same in the commercial bid. Bidder shall not tamper/modify downloaded Financial Bid template in any manner. In case, if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD will be forfeited the tenderer is liable to be banned from doing business with AIIMS DEOGHAR in future.

**NOTE:** The Bid is Item-Wise bid, there will be separate L1 for each Item. The Bidder has to provide the list of items along with their Serial No. for which he has bided in this Tender.



## **SALIENT POINTS OF THE NOTICE INVITING TENDER**

Online electronic bids (e-tenders) are invited in two bid system Supply of SURGICAL CONSUMABLE items for a period of two years. **Bids will be accepted from reputed & genuine manufacturers / direct importers only.** The salient features of the tender are as under:

1. **Cost of tender document (Non – refundable):** Rs.1500.00 (Fixed) (Rupees one thousand five hundred).
2. **EMD:** (Rs. 2,00,000/-) (Rupees Two Lakhs only).
3. **Performance Security: 5 %** of the value (calculated as per approximate one year consumption) of the approved item. The Performance Security would be minimum Rs.50000.00 (Rupees fifty thousand only) and maximum of Rs.500000.00 (Rupees five Lacs only). Those vendors who have been identified for the purpose of Rate Contract will be required to deposit the performance security within 03 weeks after accepting the Rate Contract and it should be valid for a period of **42 months** from the date of Rate Contract.
4. **Validity of offer:** Your offer may be valid for 270 days from the last date of submission of the bid and if your offered rates and items are accepted for Rate Contract the same will remain valid for the entire period of Rate Contract, i.e, The Rate Contract will be valid for period of two year from the date of issue of Rate Contract. It may be further extended after approval of competent authority till finalization of new rate contract, if required.
5. **The award of the Rate contract is not linked with the procurement style opted by Procurement cell/ Institute during the entire period of rate contract. Any item under the rate contract may be procured through supply order. Modality of procurement and inventory management of any item may be changed at any point of time.**

## **GENERAL TERMS & CONDITIONS**

1. Bids will be accepted from reputed & genuine manufacturers / direct importers only.
2. List of tendered item i.e. scope of supply is attached herewith.
3. Some of the items may be kept on utilization or consignment basis as elaborated in the tendered list.
4. The firms who intend to participate in the tender should first ensure that they fulfill all eligibility criteria as prescribed in the general terms & conditions.
5. The bidder submitting his / her tender would be deemed to have thoroughly read, considered and accepted all the terms & conditions mentioned in the tender document enquiries shall be entertained in respect of acceptance or rejection the bid.
6. The firm should upload the self- attested copies of USFDA/WHO- GMP/CEE/COPP/ ISO/CE/EN/Research molecule certificate (In case of Research molecule), Manufacturing certificate or provide evidence of SUPPLY OF Surgical items (which has been quoted by the bidder). If they export/supply the tendered product to countries including in the 'very high human development' list of countries of the world for internal use in those markets if applicable. These will be included as a factor to judge quality.
7. Efforts have been made to avoid duplication in the list of items tendered. However, in case of any identical/similar products/items tendered in duplicate intentionally or unintentionally, the Procurement cell reserves the right to club the technical/Financial Bids for comparison and finalization of Rate Contract.
8. **Sample must be submitted along with technical bid/bid submission.**
9. Tender item serial no. must be same.

## PART '1' - TECHNICAL BID:

Following documents to be uploaded using their DSC by the bidder along with Technical Bid:

- (i) Signed & scanned copy of proof for payment of Tender fee, Earnest Money Deposit (EMD) & duly attested copy of PAN, duly attested copy of GST registration certificate.
- (ii) Signed & scanned copy of Tender Acceptance letter "**Annexure-VII & VIII**".
- (ii) Signed & scanned copy of List of items for which the rates are offered, as per the enclosed format (**Annexure II**).
- (iv) Signed & scanned copy of the Income tax returns (ITR) for last three (consecutive) Financial Year.
- (v) Signed & scanned copy of Copies of authenticated balance sheet for the past three (consecutive) years duly authenticated by chartered accountant **mentioning UDIN**.
- (vi) Signed & scanned copy of Non-conviction/ No pending conviction certificate for preceding three years issued by competent Drug Authority If item comes under Drug & Cosmetic Act 1940 & rules made therein as amended from time to time (refer Column 6 of Annexure II). For item not in any category of Drug& Cosmetic Act 1940 & rules made therein as amended, signed & scanned copy of Non-conviction/ No Pending Conviction Certificate attested/ issued by Notary for preceding three years.
- (vii) Signed & scanned copy of Self-Declaration on Rs 100/- Non-judicial stamp paper (Notarized) about lowest rate & passing on the Downward rate revision (**Annexure-IV**).
- (viii) Signed & scanned copy of List of Institute/Hospital where the company supplying the tendered item during last 12 months.
- (ix) Signed & scanned copy of a Notorised affidavit on Rs. 100/- Non Judicial stamp paper certifying that the firm has not been black listed in the past by any Government/Private Institution and there is no vigilance/CBI/case pending against the firm/supplier (**Annexure-XII**).
- (x) Signed & scanned copy of Manufacturer Authorization Certificate (as Applicable) (If not applicable, please declare).
- (xi) Signed & scanned copy of **Drug License** (If applicable on any item given in technicalbid) (If not applicable, please declare).
- (xii) Signed & scanned copy of USFDA Certification (If applicable for any item).
- (xiii) Signed & scanned copy of Name, Mobile Number and Email ID of a Key person,

who can be contacted at any time. The person should be capable of taking orders and making arrangement for supply of the desired items.

**(xiv)** Signed & scanned copy of any other information important in the opinion of the tenderer.

**(xv)** Catalogue of all quoted products with Tender Item No mentioned properly.

**(xvi)** Signed and Scanned Copy of Notorised affidavit on Rs. 100/- of Integrity Pact (**Annexure-X**), GFR 144(Xi) Compliance Certificate (**Annexure-XI**), **Annexure-V & Annexure-IX**.

## **PART '2' – FINANCIAL BID:**

The below mentioned Financial Proposal/Commercial bid format is provided as BOQ\_XXXX.xls along with this tender document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to download this BOQ\_XXXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the commercial bid. Bidder shall not tamper/modify downloaded price bid template in any manner. In case if the same is found to be tampered / modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with AIIMS DEOGHAR.

### **Guidelines for the Financial Bid:**

**(i)** Rates should be quoted for one unit only i.e one tab, one amp/vial, one bottle etc. MRP mentioned should be for the one unit only i.e one tab, one amp/vial, one bottle etc.

**(ii)** Rates quoted should be exclusive of taxes. Rate of GST against each items must be quoted as per format of Financial Bid.

**(iii)** The prices quoted by the bidder should not exceed the controlled price, if any, fixed by the Central / State Government and the Maximum Retail Price (MRP) of the item.

**(iii)** The quoted rates should be F.O.R destination (Central Pharmacy, AIIMS, DEOGHAR)

**(iv)** Quoted item serial no. should be the same as the serial no. detailed in the item list of the tender document.

**(v)** Specifications of the quoted item should be the same as per the details given in the tender.

**(vi)** Any plea for clerical / typographical error etc. would not be accepted. No Correspondence will be entertained after opening of Financial Bid.

- (vii) Conditional bid would not be entertained.
- (viii) A rational balance of quality, quantity and cost of the product offered / quoted by the firms, which meet the eligibility criteria, shall be the sole basis of awarding the contract.
- (ix) **The store offered ordinarily should have 75% of remaining shelf life in case of products manufactured in India and 60% remaining shelf life in case of imported products. Loss or premature deterioration due to biological and or due to other factors, during the life span of the store shall have to be made good by the contractor free of cost within 60 days of intimation.**
- (x) The stores offered by the contractor should strictly conform to the provisions of Drugs & Cosmetics Act 1940 and rules made there under as amended from time to time.
- (xi) Bidder should uphold good business practices.
- (xii) **The Bid is Item-Wise bid, there will be separate L1 for each Item. The Bidder has to provide the list of items along with their Serial No. for which he has bided in this Tender.**

**Disqualification of the bid:**

- (a)** Any deviation from the documents listed in the Tender Checklist of the Tender Documents would lead to disqualification of the bid.
- (b)** Any action on the part of bidder to influence any official will amount to rejection of his bid.

## **Definitions & Interpretations of Different terms & Terminology**

In this tender, the words & expression used shall have the meaning / definition / expression as under:

- (a) Institute means All India Institute of Medical sciences, DEOGHAR.
- (b) Contracting Authority means the designated officers on behalf of the Executive Director.
- (c) Bidder means any direct reputed & genuine manufacturer / direct Importer in India.
- (d) "Acceptance of Tender" means the letter communicating for opening of Financial Bid.
- (e) "Rate Contract" includes the notice inviting tender, general terms & conditions, definition & interpretations, instructions to bidders, tender acceptance and submission of declaration forms.
- (f) "Rate Contract" includes the notice inviting tender, general terms & conditions, definition & interpretations, instructions to bidders, tender acceptance and submission of declaration forms.
- (g) "Contractor" means the person, firm or company with whom the contract is made.
- (h) "Inspection" means inspection carried out by the person specified in the contract.
- (j) "Purchaser" means the authority accepting the tender.
- (k) "Supply Order" means an order for the supply of goods
- (l) Utilization means vendor managed Inventory where the vendor keeps the track of their items required & consumed.
- (m) Consignment basis means when the vendor keeps the approved goods at his cost & risk.
- (n) "Test" means such tests as are considered necessary
- (o) "Unit" means the unit of purchase as specified in the schedule of goods
- (p) GST" means tax payable under the GST Act 2017 on sale or purchase of goods as the case may be or any tax in place of GST during the currency of contract.
- (q) Tax Invoice: Where the GST has been paid on the purchase of goods by the Institute's Procurement cell and such goods have been sold / used in the Institute, the amount of tax paid to the vendor on the purchase of such goods shall subject to input credit of tax paid on the purchase or sale of goods under the rules. The vendor / authorized billing agency shall provide the tax invoice for availing the tax input credit. HSN code of the item may invariably be mentioned in Tax Invoice.

- (r) Manufacturer means that makes the first sale of such goods after manufacturing.
- (s) Importer means the firm who makes the first sale of such goods after imports
- (t) Purchase price means amount of valuable consideration paid or payable for purchase of goods.
- (u) "Billing agency" refers to the Rate Contract holder (manufacturer) itself or to any Agency/clearing appointed by the Rate Contract holder (manufacturer) Name & Address of Billing Agency will be informed by the tenderer after award of Rate Contract (if required).

### **Rate contract (other than life saving category)**

**Following three categories of companies/entities will be selected and Rate Contract will be signed with them.**

- (i) Category 1: Rate Contract 1 – the first source for procurement (L-1)
- (ii) Category 2: Rate Contract 2 – the second (alternative) source for procurement (L-2).
- (iii) Category 3: Rate Contract 3 - the third (alternative) source for procurement (L-3).
- (iv) Situation under which supply order might be placed to alternative sources (RC-2 (L-2) AND RC-3 (L-3), in that order).
- RC-1 source fails to supply the items within the stipulated time of 30 days.
  - The committee members in their collective judgment are not satisfied with the quality of items procured from RC -1 source.
  - When the RC-1 source fails to honor the terms and condition of the contract e.g. (i) asking for upward revision of prices, (ii) asking for extension of the delivery period beyond the accepted time, (iii) any other request from RC-1 source which does not serve the purpose of the Institute.
  - RC-1 could not perform well on account of good inventory management bringing loss on account of overstocking and expiry to zero level.

- Whenever RC-1 fails to completely honour three supply orders the rate contract would be cancelled and RC-2 (L-2) would be made the regular source of procurement and the performance security of RC-1 will be forfeited.
- In such a situation all clauses related to RC1 (L-1) shall automatically apply to RC2 (L-2).
- Companies' performance during the current Rate Contract will be taken in consideration while finalizing the future tender.
- If L1 vendor or AIIMS DEOGHAR before finalizing RC or during ongoing RC somehow terminate RC with L1 in any no. of products or all products then L2 in corresponding products will ultimately become L1 after negotiating prices and so on.

**Procurement on Supply order basis:**

Name & Address of Billing Agency will be informed by the tenderer after award of Rate Contract (if required) with the following details of the billing agency:

- (a) PAN Card
- (b) GST Return for preceding three years.
- (c) Non Conviction Certification /no pending conviction certificate attested/issued by notary for preceding three years.
- (d) A Notarized affidavit that the billing agency does not have any relation with the person authorized to evaluate Technical Bid/Financial Bid or involved in finalizing the tender or will decide the use of tendered items (Annexure-IX) on stamp paper of Rs. 100.00.

Supply of material covered under this rate contract will be made on the basis of written supply order with terms and conditions enumerated therein. It will be the responsibility of supplier to have an access with Procurement cell to maintain the optimum inventory level. This has been decided to tide over the problem of over stocking including near expiry / slow moving / non- moving inventories, for which following mechanism will be observed: -

- (i) Besides having liaison with user department, you will be allowed to have access to computerized system to know the consumption pattern / reports of the items concerned.



- (ii) In hand stock position at central Procurement cell and peripheral sub stores can also be obtained from time to time.
- (iii) Access to Procurement cell to know the status of expiry / slow moving / non-moving products.
- (iv) Company will own the responsibility of overstocking & expiry.
- (v) Company will actively take preventive measures and inform SPO in writing about any specific item / quantity mentioned in supply order that may lead to overstocking / expiry.

You will agree that any loss of material is going to be a national loss. Please do inform about such items asked for supply but may not be required by the users. In case of any difficulty in getting the feedback from Procurement cell, you may contact F/I procurement (Procurement cell)/ Executive Director.

## 1. **Period of validity:**

**The Rate Contract will be valid for period of two year from the date of issue of Rate Contract.** It may be further extended after approval of competent authority till the finalization of new rate contract, if required on the basis of satisfactory performance.

## 2. **Authority to the purchase:**

Any officer designated by the Institute shall be entitled to exercise all the rights and powers given in the contract.

## 3. **Responsibility of the Bidder for executing the contract:**

The bidder shall perform the contract in all respect in accordance with the terms and conditions mentioned therein. The bidder shall remain responsible until the actual delivery of the goods is made to the consignee at the stipulated place.

## 4. **Rate:** The rate quoted by bidder shall remain firm and fixed until the completion of contract.

- (i) All rates quoted should be for ONE UNIT. Bids should be neatly typed and no blank space should be left.
- (ii) Rate quoted should be exclusive of taxes. Rate of GST against each item must be quoted as per format of Financial Bid.
- (iii) All rates quoted should be F.O.R. destination i.e. Central Pharmacy AIIMS, DEOGHAR.

- (iv) The Institute will not own responsibilities for issuance of road permit and clearance of consignment from any road, rail, air, postal terminals etc.
- (v) No escalation in rates (except Govt levy / tax) would be permissible.
- (vi) Bidder should take care that the rate and amount are written in such away that interpolation is not possible.
- (vii) Bidder should quote the rate in words & figures both.
- (viii) Alteration if any should be attested by the bidder, otherwise tender will not be considered.

## 5. **Earnest Money Deposit (EMD) & Performance Security:**

**(5.1)** Applicant contractor/vendors/bidders must provide Tender fee/Cost & EMD: Tender Fee/Cost & EMD are to be **deposited in the form of Demand Draft favouring “AIIMS DEOGHAR” Payable at Deoghar.**

**(5.2) Performance Security:** 5 % of the value (calculated as per approximate one year consumption) of the approved item. The Performance Security would be minimum Rs. 50000.00 (Rupees fifty thousand only) to a maximum of Rs. 5,00,000.00 (Rupees Five lacs only). Performance Security will be in shape of Bank Guarantee in favour of “AIIMS DEOGHAR. It should be valid for 42 months from the date of issuance of Rate Contract and Performance Security should be submitted within 03 weeks after acceptance of Rate Contract.

- 6. **Change in Constitution of firm:** Any change in the pattern of ownership of the contracting party will not nullify the provisions of the contract. The contract will devolve on the successor owners.
- 7. **Fall Clause:** If at any point of time during the execution of the contract, the contractor reduces the MRP / Sale Price or sells or offers to sell such stores, as are covered under the rate contract of the Institute, to any Government Organization (Central/State Government Hospital/Institute) at a fixed price lower than the price chargeable under the rate contract of the Institute, He/She shall mandatorily notify any such reduction in MRP or Sale Price or offer of sale to the purchaser within a month of the earliest date of such a reduction in price. The price payable under contract with the purchaser will stand correspondingly reduced from the date of reduction of price as notified or evidence obtained of such reduction in the price. In case of delay (more than one month) in such a notification the difference in cost will be recovered and Executive Director AIIMS

DEOGHAR shall have the right to impose penalty such as forfeiture of Performance Security, cancellation of Rate Contract or possible removal of name from list of suppliers (any or all of the above). If such information comes to the notice of Procurement cell authority from other sources, suitable action shall be initiated. Variation, if any, will be governed by the terms & conditions as enumerated in proposed rate contract.

**The provisions of fall clause will however not apply to the following:**

- (i) Export/Deemed Export by the supplier;
- (ii) Sale of goods or services as original equipment prices lower than the price charged for normal replacement;
- (iii) Sale of goods such as drugs, which have expiry date;
- (iv) Sale of goods or services at lower price on or after the date of completion of sale/ placement of order of goods or services by the authority concerned, under the existing or previous Rate Contracts as also under any previous contracts entered into with the Central or State Government Departments including new undertakings (excluding joint sector companies and or private parties) and bodies.

**8. Inspection and sampling at the consignee's end:**

- (i) After the receipt of the consignment, the demanding officer may draw a sample out of each consignment and sent it for testing at one of the approved testing laboratories/user departments. If the sample/samples is/are found not of standard quality, the consignment shall be rejected. If the product is found to be not of standard quality for any of the above- mentioned reasons, the total cost of laboratory test will be recovered from the supplier. Where there are visible and obvious defect in the consignment, it shall be rejected.
- (ii) All rejected stores shall in any event remain and will always be at the risk of the contractor immediately on such rejection.
- (iii) Purchaser reserves the right to depute persons as may be designated by him to visit the premises of the manufacturers for ensuring that GMP(s) are observed by the manufacturers. It is also open to the purchaser to send persons as may be designated by him to inspect stores and draw samples from there before dispatch of consignment.
- (iv) In case of rejection of stores, the supplier will have to replace the entire quantity or make full payment of entire consignment against the particular invoice irrespective of the fact that part of the supplied stores may have been consumed.

## 9. **Penalty Clause:**

(i) Non-execution of supply order - For the reasons of failure to supply partially or completely within 30 days, if the Procurement cell has to buy the items from the RC 2 (L- 2), RC 3 (L-3) or approved local vendor firm, the rate difference in cost will be recovered from RC holder i.e L1 /Billing Agency as appointed by the Rate Contract Holder. In case if L-2 firm is not available in panel, MS Office has to buy the item from locally approved vender and the difference of cost will be recovered from RC holder/Billing agency payments. The difference of amount will be deducted from the forthcoming bills of the supplier pertaining to any product. Repeated failure (Three times) to supply in part or in full may amount to termination of rate contract for the product (s) and forfeiture of Performance Security. Reasons of failure to supply the material will be communicated by the firm to the Procurement cell timely.

(ii) Late delivery clause -The date & time of the delivery as stipulated in the supply order shall be deemed to be the essence of the contract and delivery must be completed no later than the date(s) as specified in the supply order. Unsupplied items of each supply order which will not be supplied during stipulated time period of 30 days should be treated as cancelled and will be procured from RC-2/RC-3 or approved local vendor and difference amount deducted from forthcoming bills of RC1 (L1)/Billing Agency as appointed by the RC Holder.

(iii) Non production of item – Difference in the value between existing source and source from where supplies are being obtained for remaining tendered quantity will be recovered from the billing agency.

**10. Items nearing expiry / Expired:** The items supplied nearing expiry and / or if not consumed, will be intimated at least three months in advance and will have to be replaced by the bidder at his / her cost. Slow moving items may be asked for replacement with other approved items at the discretion of Procurement cell/Central Pharmacy.

**11. Disputes and Arbitration:** All disputes or differences arising during the execution of the contract shall be resolved by mutual discussion failing which the matter will be referred to the Executive Director (AIIMS, DEOGHAR) for arbitration whose decision shall be the final binding on the contracting parties.

## 12. **Laws governing the contract:**

(i) This contract shall be governed by the laws of Jharkhand, India. The Courts of DEOGHAR shall alone have jurisdiction to decide any dispute arising out of or in respect

of the contract.

(ii) Terms and expressions not herein defined shall have the meaning assigned to them, if any, in the Indian Sale of Goods Act, 1930 or the Indian Contract Act, 1872 or the General Clauses Act, 1897 as amended from time to time.

(iii) In view of the notification issued by the Ministry of Health & Family Welfare, Government of India, Gazette Notification no. SO 1468 (E) dated 6.10.2005 and GSR 627 (E) dated 7.10.2005, it would be sole responsibility of the Rate contract holder to comply with the applicable rules and regulations from time to time.

(iv) Medical superintendent Office will entertain only direct correspondence from RC holder.

### 13. **Information required on challan & bills:**

(a) **Challan:** Supply order will be released and you may execute the supplies directly or through billing agency. Challan must be endorsed by the security personal at AIIMS DEOGHAR main gate. The endorsement must clearly mention time and date of entry of the material. The Challan must always bear the following information:

- (i) Name of the item as, it is mentioned in Rate contract/ supply order.
- (ii) Name of the item as, it is mentioned in the product literature of the company (i.e. Brand if any).
- (iii) Size of the item
- (iv) Supply order no. and Date
- (v) Date of manufacturing
- (vi) Date of expiry
- (vii) Batch number
- (viii) Quantity of each item (in unit)
- (ix) Maximum Retail Price (MRP)

(b) **Pre-receipted Bill (Tax Invoice), must always bear the following information:**

- (i) Name of the item as, it is mentioned in Rate contract/ supply order.
- (ii) Name of the item as, it is mentioned in the product literature of the company (i.e. Brand Name if any)
- (iii) Size of the item
- (iv) Supply order no. and Date
- (v) Date of manufacturing
- (vi) Date of Expiry
- (vii) Batch number
- (viii) Quantity of each item (in unit)

- (ix) Value of each item
- (x) Total value of the bill
- (xi) The amount of GST paid by the supplier.
- (xii) Maximum Retail Price (MRP)

**14. PAYMENT:-**

- (a) 100% payment shall be made on receipt of goods in satisfactory conditions and submission of bill with the material/challan.
- (b) Bills not received in accordance with the instructions as required on challan / bill (Mentioned above) will not be entertained / processed for payment by the Institute.
- (c) The part supplies are accepted for the sake of convenience of Procurement cell only. The remaining order shall be treated as cancelled only after last date of supply as per supply order. In case of Part Supply and procurement being done from RC2 or other sources, the cost difference account shall be deducted from the forthcoming bills of the RC1 (L1)/Billing Agency as appointed by the RC Holder.
- (d) The Institute retains the right of returning (to the supplier/s) any item in any quantity that helps to manage the inventory in most economical manner. The value of returned goods would be adjusted in any possible manner that suits the need of the Institute.
- (e) Bill in quadruplicate and pre-receipted payment must be submitted along with copy of challan at the time of supply of the material at Procurement cell. You are advised to comply this point very strictly to avoid any delay in release of the dues. Further you must ensure uninterrupted supply and change of billing agency, will in no way affect the supply schedule.
- (f) Any variation in the prices detected at any point of time, the sole responsibility would rest with the firm and shall invite necessary action such as recovery/Administrative action as deemed proper.
- (j) Billing agency may collect payment in its own name for supplies made under written authorization from the manufacturer/importer.

**15. Termination of Contract:** In case any party (Institute or the company) wants to withdraw from the rate contract, it can do so after giving 03 (three) months' notice in writing to the Procurement cell.

**16. Penalties for non-performance:** The following penalties to be imposed, at any stage, under this tender are for non-performance as per tender/ Contract terms &

Condition/clause(s):

- (a) Imposition of liquidated damages,
- (b) Forfeiture of EMD/performance security,
- (c) Termination of the contract,
- (d) Blacklisting/debarring of the bidder

**17.** The Executive Director reserves the right to accept or reject any offer partially or fully without assigning any reason.

## **CHECK LIST FOR TERMS AND CONDITIONS**

### **(a) Checklist of documents to be submitted online:**

<b>SI No</b>	<b>Terms &amp; Conditions as per Bidding Document</b>	<b>Uploaded (Yes/No)</b>	<b>Documents uploaded on page No</b>
(i)	Signed and scanned copy of proof for payment of Tender fee, EMD, duly attested copy of PAN, duly attested copy of GST registration certificate. (If seeking EMD exemption bidder must write the case and provide suitable documents along with.)		
(ii)	Signed and Scanned copy of Tender Acceptance letter <b>(both Annexure-“VII” &amp; Annexure “VIII”)</b>		
(iii)	List of items for which the rates are offered, as per <b>Annexure- “II”</b>		
(iv)	Copy of the Income tax returns (ITR) for last (consecutive) three Financial Year (Minimum annual turnover for last three years should be 80 lakhs).		
(v)	Copies of authenticated balance sheet for the past (consecutive) three years with certified UDIN number. (Minimum annual turnover for last three years should be 80 lakhs).		
(vi)	Signed & scanned copy of Non-conviction/ No pending conviction certificate for preceding three years issued by competent Drug Authority If item comes under Drug & Cosmetic Act 1940 & rules made therein as amended from time to time (refer Column 6 of Annexure II). For item not in any category of Drug & Cosmetic Act 1940 & rules made therein as amended, signed & scanned copy of Non-conviction/ No Pending Conviction Certificate attested/ issued by Notary for preceding three years.		
(vii)	Self-Declaration on Rs 100/- Non-judicial stamp paper (Notarized) about lowest rate & passing on the Downward rate revision <b>(Annexure-IV)</b>		
(viii)	List of Institute/Hospital where the company supplying the tendered item during last 12 months.		
(ix)	An Notarized affidavit on Rs. 100/- Non Judicial stamp paper certifying that the firm has not been black listed in the past by any Government/Private Institution and there is no vigilance/CBI/case pending against the firm/supplier <b>(Annexure-XII)</b>		
(x)	Manufacturer Authorization Certificate (if applicable) <b>(If not applicable please declare)</b>		
(xi)	Drug License (If applicable on any item given in technical bid) <b>(If not applicable, please declare)</b>		
(xii)	USFDA Certification (If applicable for any item) <b>(If not applicable please declare)</b>		
(xiii)	Any other information important in the opinion of the tenderer.		
(xiv)	Signed & scanned copy of Name, Mobile Number and Email ID of a key person, who can be contacted at any time. The person should be capable of taking orders and making arrangement for supply of the desired items.		
(xv)	Signed and Scanned Copy of Notarized affidavit on Rs. 100/- of Integrity Pact (Annexure-X), GFR 144(Xi) Compliance Certificate (Annexure-XI), Annexure-V & Annexure-IX		
(xvi)	Catalogue of all quoted products with Tender Item No. mentioned properly.		



**Price Bid /Financial Bid:**

<b>(a)</b>	BOQ.xls	
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**Note:**

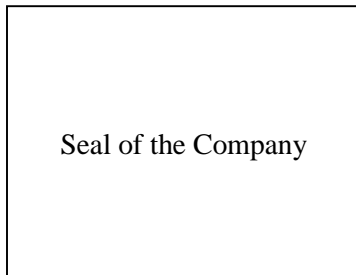
1. MIN. 2 SUPPLY ORDER COPIES WITHOUT HIDING PRICE FOR PRICE JUSTIFICATION DULY MENTIONING QUOTED TENDER ITEM NO.
2. In the financial bid, kindly provide rate as per unit mentioned.
3. The Bid is Item-Wise bid, there will be separate L1 for each Item. The Bidder has to provide the list of items along with their Serial No. for which he has bided in this Tender.
4. In case of non-fulfillment of any of the above information/ document(s), the Tender will be summarily rejected without giving any notice.

## DECLARATION OF THE COMPANY

The Bidder should have to give the details of the CEO (MD), Chairman (with the Authorized Signatory of the tender Bid) such as:

- (a) Name
- (b) Tel. No.
- (c) E-mail ID,
- (d) Address

Yours faithfully,



Signature Name  
Designation  
Name of company (Bidder)  
Address  
Telephone No. Mobile No.  
Fax No.

**ANNEXURE-  
1**

**PROCUREMENT FORM  
Manufacturing & Marketing Certificate**

This is to certify that M/s\_\_\_\_\_are holding valid manufacturing license No.\_\_\_\_\_Dated \_\_\_\_\_of the State and they are manufacturing the following products.

It is further certified that the following products are also being marketed. The Products are as follows:

Sl. No. Size	Name of Product	Specification
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Note: This certificate is to be signed by the Drug Controller of State. Certificate issued by Inspector of Drugs/Drugs Inspector will not be accepted unless their authorization by the State Drug Controller to this effect is supported with documentary proof.

Signature and seal of Drug Controller of the State

Dated:

## Annexure- II

### Procurement Form

#### Detail of the items quoted in the technical Bid

Sl .	Tender Item Sl.No.	Name of Item as in the Tender List	Specification of quoted items	Brand Name and Manufacturer name & its Address	Whether offered product comes under Drug & Cosmetic Act 1940 & rules made therein. (Yes/No)	Name of Agency for Quality Certification. e.g. US-FDA, CE/COPP, WHO GMP etc	Category Brand/ Generic
1	2	3	4	5	6	7	8

**Certificate:** This is certified that all terms & conditions (as applicable) of Drug & Cosmetics Act 1940 & rules made therein as amended from time to time is being/has complied for offered product under said act.

Note: 1. Tender list serial no. of the item should be the same serial no. as detailed in item list of tender document.

## **Annexure- III**

### **Procurement Form Financial Bid**

The Financial Proposal/Commercial bid format is provided as BoQ\_XXXX.xls along with this tender document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to download this BoQ\_XXXX.xls as it is, and quote their offer/rates in the permitted column and upload the same in the commercial bid. Bidder shall not tamper/modify downloaded Financial Bid template in any manner. In case, if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD will be forfeited the tenderer is liable to be banned from doing business with AIIMS DEOGHAR in future.

## Annexure IV

### **Self-Declaration for lowest rate (Notarized) (on Rs 100.00 Non-judicial Stamp paper)**

I, (Name of the Authorized Signatory), (Designation of the Signatory) with M/s (Name of the Company), do hereby certify that we (the company) or its subsidiaries/designated representatives have not supplied the product at a cost lower than that quoted in the Tender No \_\_\_\_\_ to any Government Organization (Central/State Government Hospital/Institute) at a fixed price lower than the price chargeable under the rate contract of the Institute.

We also undertake that any downward revision in MRP/Sale price/offer to sale to any Government Organization (Central/State Government Hospital/Institute, anywhere in India) of the product during the entire period of Rate Contract, including any extended periods, will be duly informed to AIIMS DEOGHAR within a month (30 days) of such price revision, and the same will be passed on to the Institute.

Authorized Signatory

Designation

Seal

Date

Place

## **Annexure V**

### **Affidavit (Notarized) (On Rs. 100 Non-judicial Stamp paper)**

Reference: Tender No.

Dated <<start Date>>

I, (Name of the Signatory), S/o (Father's Name), (Designation of the Signatory) with (Name of The Company), with its office at (Address of the Head office of the Company), do solemnly affirm and declare as under:-

The Bidder does not have any relation with the person authorized to evaluate technical bid/Financial Bid or involved in finalizing the tender or will decide the use of tendered items.

Place:

Date:

Deponent

### **Verification:**

Verified that the contents of the above affidavit of mine are true and correct to the best of my knowledge and no part of it is false and nothing has been concealed therein.

Verified at (Place), on this (Date) day of (Month) 2025.

Deponent

## Annexure VI

**Rs 1000 (Non-Judicial Stamp Paper)**

### **Agreement**

This agreement is made against tender enquiry no. \_\_\_\_\_  
\_\_\_\_\_ between All India Institute of Medical Sciences, DEOGHAR, acting through Medical Superintendent **AIIMS DEOGHAR. ALL India Institute of Medical Sciences (AIIMS) DEOGHAR-814152** (hereinafter called "Client" which expression shall unless repugnant to the context or meaning there of be deemed to mean include its successors, legal, representative and assign) of the **First Part**.

### **Second Part**

**M/S** \_\_\_\_\_ if it's:- **Registered Office** -----  
----- (herein after called "Agency" expression unless repugnant to the context shall mean and include its successors-in-interest assign etc.) of the **Second part**.

Whereas the "client" is desirous to engage "Agency" for **Rate Contract for Supply OF Surgical Disposable in AIIMS, DEOGHAR**. As **ANNEXURE-01** listed items at AIIMS DEOGHAR as per the terms and condition stated. In reference to tender bid or quotations for above mentioned items. Your product as mentioned in **Annexure-1**, are being covered under Annual rate contract. The terms and condition to govern the annual rate contract are as follows:

The award of rate contract is not linked to the procurement style opted by Medical Superintendent Office/ Institute during the entire period of rate contract. Any item under rate contract may be procured through supply order. Mode of procurement and inventory management of any item may be changed at any point of time.

1. **(A) PROCUREMENT ON SUPPLY ORDER BASIS:** - Supply of material is covered under this rate contract may increase or decrease. It will be made available on the basis of written supply order with terms and conditions as enumerated therein. It will be the responsibility of supplier to have an access with Medical Superintendent Office to maintain the optimum inventory level. This has been decided to tide over the problem of over stocking including near expiry / slow moving/ non-moving inventories, for which following mechanism will be observed: -

- a. Besides having liaising with user department, you will be allowed to have access to Computerized system to know the consumption pattern / reports of the items at and peripheral sub stores can also be concerned
- b. Stock in hand position provided on demand.
- c. Access to Medical Superintendent is allowed to know the status of expiry /slow moving /non- moving products.



- d. The company will own the responsibility of overstocking & expiry.
- e. The company will take all preventive measures and will keep informed Procurement officer in writing about any specific item / quantity mentioned in supply order that may lead to overstocking or expiry.
- f. In case of any difficulty in getting the feedback from Central Pharmacy, you may contact Medical Superintendent / Executive Director.
- g. The Institute has the right to switch over from supply order based procurement to consignment / utilization based procurements also.

You will appreciate that any loss of material is going to be a national loss. Please keep informed about such items asked for supply but in fact not required by the users. In case of any difficulty in getting the feedback from Medical Superintendent Office, you may contact Faculty in charge Purchase, Medical Superintendent Office /Executive Director.

**(b) PROCUREMENT ON CONSIGNMENT/UTILIZATION BASIS**:-All approved items on Consignment / Utilization basis must be made available in sufficient quantity to cater the whole need of the Institute, Lead time for replenishment of such stocks will be 48 to 72 hours. It will be communicated by telephone, fax or e-mail to you or your authorized distributor.

2. **PERIOD OF VALIDITY**: - The Rate Contract will be valid for period of two year from the date of issue date of Rate Contract. It may be further extended for a maximum period of one year or till the finalization of new rate contract whichever earlier,if required.

3. **PERFORMANCE SECURITY**: -Please submit performance security @ 5 % of the value (calculated as per approximate one year consumption) of the approved item. The Performance Security would be minimum of Rs 50,000/- (Rupees fifty thousand only ) and maximum Rs. 5,00,000/-(Rupees Five Lac only) will be in shape of PBG drawn in favor of "AIIMS DEOGHAR A/C" (as stipulated in tender notice) payable at DEOGHAR from any nationalized bank/scheduled bank. The performance security will have the minimum validity for 36 months from the date of issuance of Rate Contract and it should be submitted within 03 weeks after acceptance of the awarded Rate Contract and failing which the above mentioned amount may be deducted from the bill amount against performance bank guarantee.

4. **TAXES AND DUTIES**: - Rates are inclusive of all taxes including Central Sales Tax, GST etc. as applicable. Any price variation due to Govt. levies will be settled accordingly. , other charges like banks charges, postage, freight, etc., will be borne by your company.

5. **PRICES**: - **Mentioned in Annexure -01**

SL No	Tender item Sl No	Item name	Item description	Price without GST	GST	Price with GST	MRP	HSN	Pack Size

Rates are F.O.R. Destination basis i.e. Central Stores, All India Institute of Medical Sciences, DEOGHAR. No escalation in rates except Govt. Levy/ tax would be permissible. If at any point of time during the execution of the contract, the contractor reduces the MRP / Sale Price or sells or offers to sell such stores, as are covered under the rate contract of the Institute, to any Government Organization (Central/State Government Hospital/Institute) at a fixed price lower than the price chargeable under the rate contract of the Institute, He/she shall mandatorily notify any such reduction in MRP or Sale Price or offer of sale to the purchaser within a month of the earliest date of such a reduction in price. The price payable under contract with the purchaser will stand correspondingly reduced from the date of reduction of price as notified or evidence obtained of such reduction in the price. In case of delay (more than one month) in such a notification the difference in cost will be recovered and Executive Director AIIMS DEOGHAR shall have the right to impose penalty such as forfeiture of Performance Security, cancellation of Rate Contract or possible removal of name from list of suppliers (any or all of the above). If such information comes to the notice of Medical Superintendent Office authority from other sources, suitable action shall be initiated. Variation, if any, will be governed by the terms & conditions as enumerated in proposed rate contract.

6. **ROAD PERMIT:** - No road permit i.e. form 31/32, form c and d would be provided by the institute. It would be the sole responsibility of the supplier to affect the door deliveries at his/ her own. Medical Superintendent Office will neither own any responsibility for clearance of goods and road, rail, postal, air terminals nor would any machinery of AIIMS, DEOGHAR be allowed for this purpose.

7. **DELIVERY:** - Supplied material should have ordinarily minimum shelf life of 75% at the time of supply. Batch number and expiry date must be mentioned on face of the bill. Stores supplied through courier, post etc. may be received under the sole responsibility of supplier regarding quantity, specification and breakage.

8. **DEFECTIVE INVENTORY:** - Central Stores / User department / Medical Superintendent Office of the Institute will be the sole authority to declare inventory as defective either at the time of receiving the goods or after the use of goods. Cost of such defective inventory will be recoverable from forthcoming bill of the supplier or replaced with any other approved stocks, failing which contract may be terminated.

9. **PENALTY CLAUSE:-**

a. Non-execution of supply order - For the reasons of failure to supply partially or completely within **30 days**, if the Medical Superintendent Office has to buy the items from the RC 2 (L-2), RC 3 (L-3) or approved local vendor firm, the rate difference in cost will be recovered from RC holder i.e. L1 /Billing Agency as appointed by the Rate Contract Holder. The difference amount will be deducted from the forthcoming bills of the supplier pertaining to any product. Repeated failure (threetimes) to supply in part or in full may amount to termination of rate contract for the product (s) and forfeiture of Performance Security. Reasons of failure to supply the material will be communicated by the firm to the Medical Superintendent Office timely.

**b.** Late delivery clause -The date & time of the delivery as stipulated in the supply order shall be deemed to be the essence of the contract and delivery must be completed no later than the date(s) as specified in the supply order. Unsupplied items of each supply order which will not be supplied during stipulated time period of 30 days should be treated as cancelled and will be procured from RC-2 (L2)/RC-3(L3) or approved local vendor and difference amount deducted from forthcoming bills of RC1 (L1)/Billing Agency as appointed by the Rate Contract Holder.

**c.** Non production of item – Difference in the value between existing source and source from where supplies are being obtained for remaining tendered quantity will be recovered from the billing agency.

#### **10. INFORMATION REQUIRED ON CHALLAN/BILL: -**

**a. Challan:** Supply order will be released and you may execute the supplies directly or through billing agency. Challan must be endorsed by the security personal at AIIMS DEOGHAR main gate. The endorsement must clearly mention time and date of entry of the material. The Challan must always bear the following information:

- i. Name of the item as, it is mentioned in Rate contract/ supply order.
  - Name of the item as, it is mentioned in the product literature of the company (i.e. Brand Name, if any)
- ii. Size of the item
- iii. Supply order no. and Date
- iv. Date of manufacturing
- v. Date of expiry
- vi. Batch number
- vii. Quantity of each item (in unit)
- viii. Maximum Retail Price (MRP)

**b. Pre-receipted Bill (Tax Invoice),** must always bear the following information:

- i. Name of the item as, it is mentioned in Rate contract/ supply order.
- ii. Name of the item as, it is mentioned in the product literature of the company (i.e. Brand Name, if any)
- iii. Size of the item
- iv. Supply order no. and Date
- v. Date of manufacturing
- vi. Date of expiry
- vii. Batch number
- viii. Quantity of each item (in unit)
- ix. Value of each item
- x. Total value of the bill
- xi. The amount of GST paid by the supplier.

- xii. Maximum Retail Price (MRP)
- xiii. TIN/GST No. AIIMS DEOGHAR

11. **Replacement of near expiry / slow moving / non-moving items:** - It will be responsibility of supplier to get status of slow / non-moving inventory for replacement purposes from Medical Superintendent Office or pharmacy stores on quarterly basis or at a higher frequency. If company fails to replace such slow moving / non-moving stocks in time, Institute will retain the right to identify such stocks any time during the contract period and return the same to the company. Cost of such returned inventory will be recoverable from forthcoming bill of the supplier or replaced with any other approved stocks, failing which contract may be terminated.

12. **If Complaint is received:** If any complaint is received against some product, it will be referred to Drug and Therapeutic Committee. On recommendation of committee if some product is rejected then it may be removed from tender and L2/L3 vendor will be asked to match the L1 vendor price and automatically become L1 vendor and so on.

13. **Release of EMD**

- I. The EMD of Rate Contract Holder would be released after submission of Performance Security.
- II. The bidders who has/have not awarded Rate Contract can take their EMD Immediately after finalization of Rate Contract after due correspondence.

14. **PAYMENT:-**

- a. 100% payment shall be made on receipt of goods in satisfactory conditions and submission of bill with the material/challan.
- b. Payment will be made on 30th day from the date of submission of bill, with early payment option facility to be enumerated in the supply order.
  - i. If you allow 4% trade discount, payment shall be made within **(03)** working days from its submission date.
  - ii. If you allow 2% trade discount, payment shall be made within **(07)** working days from its submission date.
  - iii. If you do not wish to avail the opportunity of early payments, payments shall be made on 30th day on its submission.
  - iv. Early payment options are applicable against 100% supplies.
- c. On consignment / Utilization basis- Fortnightly payment would be released against the item consumed and settled bills of the patients.
- d. Bills not received in accordance with the instructions as required on challan / bill (Mentioned above) will not be entertained / processed for payment by the Institute.
- e. The part supplies are accepted for the sake of convenience of

Medical Superintendent Office only. The remaining order shall be treated as cancelled only after last date of supply as per supply order. In case of Part Supply and procurement being done from RC2 (L2) or other sources, the cost difference account shall be deducted from the forth coming bills of the RC1 (L1)/Billing Agency as appointed by the RC Holder.

**f.** The Institute retains the right of returning (to the supplier/s) any item in any quantity that helps to manage the inventory in most economical manner. The value of returned goods would be adjusted in any possible manner that suits the need of the Institute.

**g.** Bill in quadruplicate and pre-receipted payment must be submitted along with copy of challan at the time of supply of the material at central stores. You are advised to comply this point very strictly to avoid any delay in release of the dues. Further you must ensure uninterrupted supply and change of billing agency, will in no way affect the supply schedule.

**h.** Billing agency may collect payment in its own name for supplies made under written authorization from the manufacturer/importer.

15. Any variation in the prices detected at any point of time, the sole responsibility would rest with the firm and shall invite necessary action such as recovery / administrative action as deemed proper.

16. In addition the other terms and conditions as detailed in tender documents would be applicable.

17. In view of the notification issued by the Ministry of Health & Family welfare, Government of India Gazette Notification no SO 1468 (E) dated 06.10.2005 and GSR 627 E) dated 07.10.2005; it would be sole responsibility of the Rate Contract holder to comply with the applicable rules and regulations from time to time.

18. Any communication as regards to the Rate Contract will be done with the Rate Contract holder only.

19. It would be responsibility of the Rate Contract holder to submit the undertaking during currency of contract by 1st week of every month to the effect that their prices have not come down during the preceding / prevailing month.

20. Name & Address of Billing Agency will be informed by the tenderer after award of Rate Contract (if required) with the following details of the billing agency:

- i. PAN Card
- ii. GST Registration with GST Return for preceding three years.
- iii. Non Conviction Certification /no pending conviction certificate attested/is issued by notary for preceding three years.

IV. Notarized affidavit that the billing agency does not have any relation with the person authorized to evaluate Technical Bid/Price Bid or involved in finalizing the tender or will decide the use of tendered items (**Annexure-IX**) on stamp paper of Rs. 100.00.

21. RC holder shall be responsible for all acts of commission and omission carried out by the beneficiary/Billing agency.

22. All Terms & Conditions as mentioned in Tender document will also be the part of this Rate Contract.

**23. Legal Jurisdiction:** The agreement shall be deemed to have been concluded in DEOGHAR, Jharkhand and all obligations hereunder shall be deemed to be located at DEOGHAR jurisdiction only.

THIS AGREEMENT will take effect from  
\_\_\_\_\_ day \_\_\_\_\_.

In witness where of both the parties here to have caused their respective common seal to be hereunto affixed / (or have here into set their respective hands and seal) the day and year mentioned above in DEOGHAR in the presence of the witness:

For and on behalf of the "M/s  
\_\_\_\_\_Signature of the authorised  
official.

Stamp

Name: -

Designation: -

Address: -

Witness:  
Name

Address

For and on behalf of the "Executive  
Director, AIIMS, DEOGHAR".  
Signature of the authorised official.

Stamp

Name: -

Designation: -

Address: -

Witness:  
Name

Address

**Annexure  
VII**

**Acceptance of Term and conditions of  
Rate ContractTENDER ACCEPTANCE**

**LETTER**

To,

**(To be given on Company Letter Head)**

Date:

The Executive Director,  
AIIMS DEOGHAR

**Sub: Acceptance of Terms & Conditions of Tender.**

Tender Reference No: \_\_\_\_\_

Name of Tender / Work:- \_\_\_\_\_

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/ Work' from the web site(s) namely: as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No\_to\_(including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

## **Annexure VIII**

To,  
Medical Superintendent  
AIIMS DEOGHAR

Reference: Tender No. \_\_\_\_\_ Dated <<start Date>>

Sir,

I have gone through the conditions laid down in the tender documents.

I hereby offer to supply the items mentioned in Financial Bid at the rates quoted therein. I hereby declare to supply the material duly paid with GST, or applicable taxes at any point of time if applicable.

I agree to hold this offer open for the period of two years from the date of issuance of Rate Contract, if awarded.

(Authorised Signatory)

Name

Seal



## Annexure IX

### **AFFIDAVIT (Notarized) (To be filled by RC Holder) (on Rs 100.00 Non-judicial Stamp paper)**

Reference: Tender No. \_\_\_\_\_ dated <<start date>>

I, (Name of the Signatory): \_\_\_\_\_

S/o (Father's Name): \_\_\_\_\_

\_\_\_\_\_

Designation of the Signatory) with (Name of the Company): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Address of the Head office of the Company: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Do solemnly affirm and declare as under:-

The RC holder or its representative will not have:

- (i) Any conflict of interest in satisfactory execution of that RC
- (ii) Will not indulge in any corrupt practice
- (iii) Will not indulge in any fraudulent practice

### **Verification:**

Verified that the contents of the above affidavit of mine are true and correct to the best of my knowledge and no part of it is false and nothing has been concealed therein.

Verified at (Place), on this (Date) day of (Month) 2025

Deponent

## **ANNEXURE – “X”**

### **Integrity Pact**

Between

All India Institute of Medical Sciences, hereinafter, referred to as "AIIMS DEOGHAR", and  
..... hereinafter referred to as "The Bidder(s)/Contractor(s)"

### **Preamble**

The AIIMS DEOGHAR intends to award, under laid down organisational procedures, contract/s for .....The AIIMS DEOGHAR values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparencies in its relations with its Bidder(s) and / or Contractor(s).

In order to achieve this goal, AIIMS DEOGHAR will appoint Independent External Monitor (IEMs) who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

### **Section - 1 Commitments of AIIMS DEOGHAR**

1. AIIMS DEOGHAR commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

(a) No employee of AIIMS DEOGHAR, personally or through family members, will in connection with the tender for, or the execution of a contract demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.

(b) AIIMS DEOGHAR will, during the tender process treat to all Bidder(s) with equity and reason. The AIIMS DEOGHAR will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

c) The AIIMS DEOGHAR will exclude from the process all known prejudiced persons.

2. If AIIMS DEOGHAR obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a substantive suspicion in this regard, AIIMS DEOGHAR will inform its Chief Vigilance Officer and in addition can initiate disciplinary actions.

### **Section - 2 Commitments of the Bidder(s)/Contractor(s)**

1. The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. The Bidder(s)/Contractor(s) commits himself to observe the following principles during his participation in the tender process and during the contract execution.

(a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of AIIMS DEOGHAR's employees involved in the tender process or the execution of the contract or any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

(b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any illegal agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the bidding process.

(c) The Bidder(s)/Contractor(s) will not commit any criminal offence under the relevant Anti- Corruption Laws of India; further the Bidder(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by AIIMS DEOGHAR as part of the business relationship, regarding plans technical proposals and business details, including information contained or transmitted electronically.

(d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the name & address of the Agents/representatives in India, if any. Similarly the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payment made to the Indian agent/representative have to be in Indian Rupees only.

(e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(f) The Bidder(s)/Contractor(s) who have signed the Integrity Pact shall not approach the courts while representing the matter to IEMs and shall wait for their decision in the matter.

2. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

### **Section - 3 Disqualification from tender process and exclusion from future contracts**

1. If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put their reliability or credibility in question, AIIMS DEOGHAR is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per rule & regulations.

### **Section - 4 Compensation for Damages**

1. If AIIMS DEOGHAR has disqualified the Bidder(s) from the tender process prior to the award according to Section 3 above, The AIIMS DEOGHAR is entitled to demand and recover the damage equivalent to Earnest Money Deposit /Bid security.
2. If AIIMS DEOGHAR has terminated the contract according to Section 3, or if AIIMS DEOGHAR is entitled to terminate the contract according to Section 3, AIIMS DEOGHAR shall be entitled to demand and recover from the Bidder(s) liquidated damages of the Contract value or the amount equivalent to performance bank Guarantee.

### **Section - 5 Previous Transgression**

1. The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti- corruption approach or with any Public Sector Enterprise in India that could justify his exclusion from the tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken the contract, if already awarded, can be terminated.

### **Section - 6 Equal treatment of all Bidder (s)/Contractor (s)**

In case of Sub-contracting, the AIIMS DEOGHAR Contractor shall take the responsibility of the adoption of Integrity Pact by the Sub-contractor.

1. The AIIMS DEOGHAR will enter into agreements with identical conditions as this one with all Bidders and Contractors.
2. The AIIMS DEOGHAR will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

## **Section - 7 Criminal Charges against violating Bidder (s)/Contractor(s)/Subcontractors (s)**

If the AIIMS DEOGHAR obtains knowledge of conduct of a Bidder, Contractor or subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the AIIMS DEOGHAR has substantive suspicion in this regard, the AIIMS DEOGHAR will inform the same to the Chief Vigilance Officer.

## **Section - 8 Independent External Monitor**

1. The AIIMS DEOGHAR appoints competent and credible Independent External Monitor for this Pact. After approval by Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his/her functions neutrally and independently. The Monitor would have access to all contract documents, whenever required. It will be obligatory for him / her to treat the information and documents of the Bidders / Contractors as confidential. He/ she reports to the Executive Director AIIMS DEOGHAR.
3. The Bidder (s) Contractor (s) accepts that the Monitor has the right to access, without restriction to all Project documentation of the AIIMS DEOGHAR including that provided by the Contractor. The Contractor will also grant the Monitor, upon his/her request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The same is applicable to Sub-contractors.
4. The Monitor is under contractual obligation to treat the information and documents of the Bidder (s)/ Contractor(s)/ Sub-contractor(s) with confidentiality. The Monitor has also signed declarations on Non-Disclosure of Confidential Information and of 'Absence of conflict of Interest'. In case of any conflict of interest arising at a later date, the IEM shall inform Executive Director, AIIMS DEOGHAR and recuse himself/herself from that case.
5. The AIIMS DEOGHAR will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
6. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he/she will so inform the Executive Director AIIMS DEOGHAR and request the Management to discontinue or take corrective action, or the take other relevant action. The monitor can in the regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

7. The Monitor will submit a written report to the Executive Director AIIMS DEOGHAR, within 8 to 10 weeks from the date of reference or intimation to him by the AIIMS DEOGHAR and, should the occasion arise, submit proposals for correcting problematic situations.
8. If the Monitor has reported to the Executive Director AIIMS DEOGHAR, a substantiated suspicion of an offence under relevant IPC/PC Act, and the Executive Director AIIMS DEOGHAR has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
9. The word Monitor, would include both singular and plural.

### **Section - 9 Pact Duration**

1. This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders' 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.
2. If any claim is made / lodged during this time the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by Executive Director of AIIMS DEOGHAR.

## Section - 10 Other Provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the AIIMS DEOGHAR.
2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
5. Issues like comprehensive Warranty / Guarantee etc. shall be outside the purview of independent external monitors.
6. In the event of any contradictions between the Integrity Pact and its Annexure, the Clause in the Integrity Pact will prevail.

---

For and on behalf of the AIIMS DEOGHAR  
Office Seal  
Place:

---

For & on behalf of Bidder/Contractor  
Office Seal  
Witness 1:

Date :

Witness 2:

**GFR 144(XI) COMPLIANCE CERTIFICATE**  
**(On Rs. 100/- Non Judicial stamp paper)**

Certificate to be submitted by Bidder

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India: I certified that this bidder is not from such a country or, if from such a country, has been registered with the competent authority. I hereby certified that this bidder fulfils all requirements in this regards and is eligible to be considered. [Where applicable, evidence of valid registration by the competent authority shall be attached.]

Signature and Stamp of the Bidder



**Annexure-XII**

**An Notarized affidavit  
(On Rs. 100/- Non Judicial stamp paper)**

I/we certify/assure that the firm has not been black listed in the past by any Government/Private Institution and there is no vigilance/CBI/case pending against the firm/supplier.

---

Tenderer's Signature

---

Verified by Notary

**PROCUREMENT  
CELLMANDATE  
FORM**

(Account/s Information form)

**ELECTRONIC CLEARING SERVICE (CREDIT CLEARING) / REAL TIME  
GROSS SETTLEMENT (RTGS)/ NATIONAL ELECTRONIC TRANSFER (NEFT)  
/ INTRA BANKACCOUNT TRANSFER FACILITY FOR RECEIVING  
PAYMENTS**

A. DETAILS OF ACCOUNT HOLDER:

<b>NAME OF ACCOUNT HOLDERER / FIRM</b>	
COMPLETE CONTACT ADDRESS	
MOBILE NUMBER / PH NO	
E.MAIL	

B. BANK DETAILS:

<b>ACCOUNT NAME</b> (Name appearing in your Cheque Book)	
BRANCH NAME WITH COMPLETE ADDRESS, TELEPHONE NO	
BRANCH CODE	
<b>COMPLETE BANK ACCOUNT NUMBER</b> (Please note that the Bank Account must be in the name of the Firm as appeared in the bill. In case of other Beneficiaries (Non-vendor) the Account namemust be in the name of Applicant.	
IFSC CODE	
TYPE OF ACCOUNT (SB/CURRENT/CASH CREDIT)	
MICR CODE OF BANK	

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information.

I would not hold the user institution responsible. I have read the option invitation letterand agree to discharge responsibility expected or me as a participant under the scheme.

(..... )

**Signature of Customer**

**Certified that the particulars furnished above are correct as per our records.**

**( ..... )**

**(Bank's Stamp)**

**Signature of Authorized Officer**

**Please attach a Cancelled Cheque along with the account information form.**

## **BANK GUARANTEE FORM**

(To be executed by any scheduled bank, on a non-judicial stamp paper under bank's covering letter mentioning address of the bank)

To,  
All India Institute of Medical Sciences,  
DEOGHAR, Jharkhand- 814152

In consideration of All India Institute of Medical Sciences, DEOGHAR [hereinafter referred to as 'AIIMS', which expression unless repugnant to the context and meaning thereof shall include its successors and assigns] having agreed to exempt M/s \_\_\_\_\_ [hereinafter referred to as 'supplier /contractor' which expression unless repugnant to the context and meaning thereof shall include its successors and assigns] from depositing with AIIMS a sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) towards security / performance guarantee in lieu of the said contractor having agreed to furnish a bank guarantee for the said sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) as required under the terms and conditions of contract / work order no \_\_\_\_\_ dated \_\_\_\_\_ [hereinafter referred to as the order'] placed by AIIMS on the said supplier /contractor. We, \_\_\_\_\_ the bank [hereinafter referred to as 'the bank' which expression shall include its successors and assigns] do hereby undertake to pay AIIMS an amount not exceeding Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) on the demand made by AIIMS on us due to a breach committed by the said supplier /contractor of the terms and conditions of the contract /order.

1. We \_\_\_\_\_ the bank hereby undertake to pay the amount under the guarantee without any demur merely on a demand from AIIMS stating that there is a breach by the supplier / contractor of any of the terms and conditions contained in the order or by the reasons of the supplier's / contractor's failure to comply with the terms and conditions as stipulated in the order or amendment(s) thereto. The demand made on the bank shall be conclusive as to the breach of the terms and conditions of the order and as regard to the amount due and payable by the bank under this guarantee, notwithstanding any dispute or disputes raised by the said supplier / contractor regarding the validity of such breach and we agree to pay the amount so demanded by AIIMS without any demur. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_).

2. We, \_\_\_\_\_ the bank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the

performance of the said order and that it shall continue to be enforceable till the dues of AIIMS under or by virtue of the said order have been fully paid and its claim satisfied or discharged or till AIIMS certifies that the terms and conditions of the order have been fully and properly carried out by the supplier / contractor and accordingly discharge the guarantee.

3. We \_\_\_\_\_ the bank, undertake to pay to AIIMS any money so demanded notwithstanding any dispute or disputes raised by the said supplier /contractor in any suit or proceedings pending before any court or tribunal relating thereto as our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the said supplier / contractor shall have no claim against us for making such payment.

4. We \_\_\_\_\_ the bank further agree that AIIMS shall have full liberty, without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the order / contract or to extend time of performance by the said supplier / contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the AIIMS against the said supplier / contractor and to forbear or enforce any of the terms and conditions relating to the order and shall not be relieved from our liability by reason of any such variation or extension being granted to the said supplier / contractor or for any forbearance, act or omission on the part of AIIMS or any indulgence by AIIMS to the supplier / contractor or by any such matter or thing whatsoever which under the law relating to sureties would but for this provisions have effect of so relieving us.

5. Our liability under this guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) and shall remain in force up to \_\_\_\_\_ unless demand or claim under this guarantee is made on us in writing within 6 months from the date of expiry viz. We shall be discharged from all liabilities under this guarantee thereafter.

6. This guarantee will not discharge due to change in the constitution in the bank or the said supplier / contractor.

7. The bank hereby agrees to address all the future correspondence in regard to this bank guarantee to The Administrative Officer, All India Institute of Medical Sciences, DEOGHAR.

8. We, \_\_\_\_\_ the bank lastly undertakes not to revoke this guarantee during its currency except with the previous consent of the AIIMS in writing.

Signed on the \_\_\_\_\_ day of \_\_\_\_\_.

Signature

For the Bank

Witness:

Name(s) & Designation(s)

**Name & Address**

## Annexure - VII

### Technical Bid

#### List of Surgical, OT and General Hospital Consumables

S. No.	Item Name	Specification	Recommended Make
1.	Abdominal Drain Kit including Drain tube and drainage bag	Size 16, Latex Free material, Medical Grade, Soft and Kink Resistance Material	All can apply
2.	Abdominal Drain Kit including Drain tube and drainage bag	Size 18, Latex Free material, Medical Grade, Soft and Kink Resistance Material	All can apply
3.	Abdominal Drain Kit including Drain tube and drainage bag	Size 20, Latex Free material, Medical Grade, Soft and Kink Resistance Material	All can apply
4.	Abdominal Drain Kit including Drain tube and drainage bag	Size 22, Latex Free material, Medical Grade, Soft and Kink Resistance Material	All can apply
5.	Abdominal Drain Kit including Drain tube and drainage bag	Size 24, Latex Free material, Medical Grade, Soft and Kink Resistance Material	All can apply
6.	Abdominal Drain Kit including Drain tube and drainage bag	Size 28, Latex Free material, Medical Grade, Soft and Kink Resistance Material	All can apply
7.	Abdominal Drain Kit including Drain tube and drainage bag	Size 32, Latex Free material, Medical Grade, Soft and Kink Resistance Material	All can apply
8.	Abdominal Drain Kit including Drain tube and drainage bag	Size 36, Latex Free material, Medical Grade, Soft and Kink Resistance Material	All can apply
9.	Disposable Monopolar Handswitch Pencile with PTFE	Button Switch Pencil with Easy clean TM electrosurgical tip with PTFE, ISO Certified	All can apply
10.	Disposable Laproscopy Monopolar Electrode with PTFE	Standard Blade, 33/45cm with PTFE, USFDA/ European CE	All can apply
11.	Disposable Laproscopy Monopolar Electrode with PTFE	J-Hook, 33/45cm standard with PTFE, USFDA/ European CE	All can apply
12.	Disposable Laproscopy Monopolar Electrode with PTFE	Curved Blade, 33/45cm split stem with PTFE, USFDA/ European CE	All can apply
13.	Reusable Monopolar Foot control Cord	Reusable Monopolar Foot control Cord, USFDA/ European CE	All can apply
14.	Electrode with PTFE	Bayonet Blade Electrode Modified, USFDA/ European CE	All can apply
15.	Electrode with PTFE	Ball Electrode, 5-inch, (10%) BIS / ISO Certified	All can apply
16.	Blade Electrode with PTFE	Standard Blade Electrode, 2.5-inch with PTFE , 10% BIS / ISO Certified	All can apply
17.	Blade Electrode with PTFE	Blade Electrode Modified with PTFE Insulation, 2.5/2.75-inch, 10% BIS / ISO Certified	All can apply
18.	Suction Coagulator	Disposable Monopolar Suction Coagulator Hand Control/Foot Control, 6" (15.2 cm) cannula, 10ft. (3.0 m) cord , French Size 8, US FDA Approved / European CE	All can apply
19.	Suction Coagulator	Disposable Monopolar Suction Coagulator Hand Control/Foot Control, 6" (15.2 cm) cannula, 10ft. (3.0 m) cord , French Size 10,US FDA Approved/ European CE	All can apply
20.	Suction Coagulator	Disposable Monopolar Suction Coagulator Hand Control/Foot Control, 6" (15.2 cm) cannula, 10ft. (3.0 m) cord , French Size 12, US FDA Approved/ European CE	All can apply
21.	Absorbable Hemostatic Compressed Gelatin Sponge	Absorbable gelatin sponge formaldehyde free. sizes 7cmx5cmx1mm	European CE four digit genuine CE certified/USFDA approved
22.	Absorbable Hemostatic Compressed Gelatin Sponge	Absorbable gelatin sponge formaldehyde free. sizes 20cmx7cmx1mm	European CE four digit genuine CE certified/USFDA approved
23.	Asepto Syringe	syringe bulb capacity - 80 ml, syringe barrel capacity - 60 ml	All can apply
24.	Bone wax	Bone wax- specifications: sterile bone wax for bone hemostasis made of bees wax, paraffin and isopropyl palmitate. 2.5 g Box of 12 pieces should have European CE four digit genuine CE certified/USFDA approved	All can apply
25.	Optically guided bladeless trocar 5 mm – 6 mm	<b>Optically guided bladeless trocar 5mm – 6 mm</b> with bilateral tissue separators, optical tip to eliminate blind entry, clear ribbed cannula to enhance abdominal wall retention, recessed	All can apply

S. No.	Item Name	Specification	Recommended Make
		stopcock valve and funnel shaped housing and lead inn, duckbill secondary seal, integrated universal seal that eliminates the use of reducer. 70-75mm length.	
26.	Optically guided bladeless trocar 10mm – 11 mm	<b>Optically guided bladeless trocar 10 mm - 11mm</b> with bilateral tissue separators, length 100mm, optical tip to eliminate blind entry, clear ribbed cannula, recessed stopcock valve, funnel shaped housing, duckbill secondary seal, integrated <b>universal seal that eliminates the use of reducer.</b>	All can apply
27.	Optically guided bladeless trocar 11 mm - 12 mm	<b>Optically guided bladeless trocar 11 mm - 12mm</b> with bilateral tissue separators, length 150mm, optical tip to eliminate blind entry, clear ribbed cannula, recessed stopcock valve, funnel shaped housing, duckbill secondary seal, integrated <b>universal seal that eliminates the use of reducer.</b>	All can apply
28.	Optically guided bladeless trocar 5 mm	<b>Optically guided bladeless trocar 5 mm</b> with bilateral tissue separators, length 150mm, optical tip to eliminate blind entry, clear ribbed cannula, recessed stopcock valve, funnel shaped housing, duckbill secondary seal, integrated <b>universal seal that eliminates the use of reducer.</b>	All can apply
29.	Absorbable hemostatic matrix, absorbable flowable gelatin and thrombin hemostatic matrix	Flowable gelatin matrix	European CE four digit genuine CE certified/USFDA
30.	Hemostatic matrix endoscopic applicator, 30-40 cm endoscopic applicator for hemostatic matrix	endoscopic applicator	All can apply
31.	CVP manometer set		All can apply
32.	Port Closure Suture	Needle Description: 1/2 circle reverse cutting (heavy) Needle Dimension: 23 mm Suture Type and Length: Polygalactin 910 No. 1 70 cm braided 35 cm Suture Size: 1 No of foils per box 12	All can Apply
33.	Tracheostomy T piece connectors	All sizes	All can apply
34.	Guedel's oropharyngeal airway with Colour Coded Bite	Sizes 000	All can apply
35.	Guedel's oropharyngeal airway with Colour Coded Bite	Sizes 00	All can apply
36.	Guedel's oropharyngeal airway with Colour Coded Bite	Sizes 0	All can apply
37.	Guedel's oropharyngeal airway with Colour Coded Bite	Sizes 1	All can apply
38.	Guedel's oropharyngeal airway with Colour Coded Bite	Sizes 2	All can apply
39.	Guedel's oropharyngeal airway with Colour Coded Bite	Sizes 3	All can apply
40.	Guedel's oropharyngeal airway with Colour Coded Bite	Sizes 4	All can apply
41.	ICD Catheter	Size: 12 Fr.	All can apply
	ICD Catheter	Size: 14 Fr.	
	ICD Catheter	Size: 16 Fr.	
	ICD Catheter	Size: 18 Fr.	
	ICD Catheter	Size: 20 Fr.	
	ICD Catheter	Size: 22 Fr.	
	ICD Catheter	Size: 24 Fr.	
	ICD Catheter	Size: 26 Fr.	
	ICD Catheter	Size: 28 Fr.	
	ICD Catheter	Size: 30 Fr.	
	ICD Catheter	Size: 32 Fr.	
42.	Liga Clips –	Size 300, 1 Box=18 Cartridges Bidder must have USFDA/European CE certifications.	All can apply
43.	Liga Clips –	Size 400, 1 Box=18 Cartridges Bidder must have USFDA/European CE certifications.	All can apply



S. No.	Item Name	Specification	Recommended Make
44.	Liga Clips (Vascular Clips)	Size 200, 1 Box=36 Cartridges, Bidder must have USFDA/European CE certifications.	All can apply
45.	Liga Clips (Vascular Clips)	Size 100, 1 Box=36 Cartridges, Bidder must have USFDA/European CE certifications.	All can apply
46.	Liga Clips (Vascular Clips)	Size 75, 1 Box=36 Cartridges, Bidder must have USFDA/European CE certifications..	All can apply
47.	Liga Clips (Vascular Clips)	Size 50, 1 Box=36 Cartridges, Bidder must have USFDA/European CE certifications..	All can apply
48.	Coblation Wand	LW	All can apply
49.	Coblation Wand	MLW	All can apply
50.	Coblation Wand	Precise max	All can apply
51.	Coblation Wand	Malleable wand	All can apply
52.	Coblation Wand	Evac 70	All can apply
53.	Microdebrider Blades	4 mm, 0 Degree	All can apply
54.	Microdebrider Blades	3.5 mm, 0 Degree	
55.	Microdebrider Blades	2.9 mm, 0 Degree	
56.	Microdebrider Blades	4 mm, 12 Degree	
57.	Microdebrider Blades	3.5 mm, 12 Degree	
58.	Microdebrider Blades	2.9 mm, 12 Degree	
59.	Microdebrider Blades	4 mm, 15 Degree	
60.	Microdebrider Blades	3.5 mm, 15 Degree	
61.	Microdebrider Blades	2.9 mm, 15 Degree	
62.	Microdebrider Blades	4 mm, 40 Degree (Sinus)	
63.	Microdebrider Blades	3.5 mm, 40 Degree (Sinus)	
64.	Microdebrider Blades	2.9 mm, 40 Degree (Sinus)	
65.	Microdebrider Blades	4 mm, 40 Degree adenoid (RAD)	
66.	Microdebrider Blades	3.5 mm, 40 Degree adenoid (RAD)	
67.	Microdebrider Blades	2.9 mm, 40 Degree adenoid (RAD)	
68.	Microdebrider Blades	4 mm, 60 Degree (Sinus)	
69.	Microdebrider Blades	3.5 mm, 60 Degree (Sinus)	
70.	Microdebrider Blades	2.9 mm, 60 Degree (Sinus)	
71.	Microdebrider Blades	4 mm, 120 Degree	
72.	Microdebrider Blades	3.5 mm, 120 Degree	
73.	Microdebrider Blades	2.9 mm, 120 Degree	
74.	Microdebrider Blades	4 mm, 90 Degree	
75.	Microdebrider Blades	3.5 mm, 90 Degree	
76.	Microdebrider Blades	2.9 mm, 90 Degree	
77.	Microdebrider sinus sheathed burr round 4.5, 3.2 and 2.9 mm	4.5 mm, 0 Degree	
78.	Microdebrider sinus sheathed burr round 4.5, 3.2 and 2.9 mm	3.2 mm, 0 Degree	
79.	Microdebrider sinus sheathed burr round 4.5, 3.2 and 2.9 mm	Assorted all size 2.9 mm, 0 Degree	
80.	Microdebrider diamond skull base burr sheathed burr 5 mm	5 mm, 15 Degree	
81.	Microdebrider diamond skull base burr sheathed burr 5 mm	5 mm, 70 Degree	
82.	Microdebrider diamond skull base burr sheathed burr 3.2 mm and 3.0 mm frontal	3.2 mm, 15 Degree	
83.	Microdebrider diamond skull base burr sheathed burr 3.2 mm and 3.0 mm frontal	3.0 mm, 15 Degree	
84.	Microdebrider diamond skull base burr sheathed burr 3.2 mm and 3.0 mm frontal	3.2 mm, 40 Degree	
85.	Microdebrider diamond skull base burr sheathed burr 3.2 mm and 3.0 mm frontal	3.0 mm, 40 Degree	
86.	Mini Plates (Titanium)	6 Hole and 2.5 mm Thickness	All can apply
87.	Titanium Screws	2.5 mm Thickness and 10 mm length	All can apply
88.	minitrephination sets sinus		All can apply

S. No.	Item Name	Specification	Recommended Make
89.	choanal atresia 4.0 mm burr		All can apply
90.	DCR burr 4.0 mm 15 degree		All can apply
91.	skimmer blades 2.9 mm for larynx 13 cm	15 degree	All can apply
92.	skimmer blades 2.9 mm for larynx 18 cm	15 degree	All can apply
93.	skimmer blades 2.9 mm for larynx 22 cm	15 degree	All can apply
94.	skimmer blades 2.9 mm for larynx 27 cm	15 degree	All can apply
95.	tricut blades 4.0 mm, 22 cm	15 degree	All can apply
96.	tricut blades 4.0 mm, 27 cm	15 degree	All can apply
97.	tricut blades 4.0 mm, 37 cm	15 degree	All can apply
98.	tricut blades 4.0 mm, 45 cm	15 degree	All can apply
99.	Burr for ear surgery (diamond, coarse diamond and cutting)	0.5	All can apply
100.	Burr for ear surgery (diamond, coarse diamond and cutting)	1.0	All can apply
101.	Burr for ear surgery (diamond, coarse diamond and cutting)	1.5	All can apply
102.	Burr for ear surgery (diamond, coarse diamond and cutting)	2.0	All can apply
103.	Burr for ear surgery (diamond, coarse diamond and cutting)	2.5	All can apply
104.	Burr for ear surgery (diamond, coarse diamond and cutting)	3.0	All can apply
105.	Burr for ear surgery (diamond, coarse diamond and cutting)	3.5	All can apply
106.	Burr for ear surgery (diamond, coarse diamond and cutting)	4.0	All can apply
107.	Burr for ear surgery (diamond, coarse diamond and cutting)	4.5	All can apply
108.	Burr for ear surgery (diamond, coarse diamond and cutting)	5.0	All can apply
109.	Burr for ear surgery (diamond, coarse diamond and cutting)	5.5	All can apply
110.	Burr for ear surgery (diamond, coarse diamond and cutting)	6.0	All can apply
111.	Burr for ear surgery (diamond, coarse diamond and cutting)	6.5	All can apply
112.	Burr for ear surgery (diamond, coarse diamond and cutting)	7.0	All can apply
113.	burr for stapes surgery and ossicular drilling	0.4 mm	All can apply
114.	burr for stapes surgery and ossicular drilling	0.6 mm	All can apply
115.	burr for stapes surgery and ossicular drilling	0.8 mm	All can apply
116.	burr for stapes surgery and ossicular drilling	1.0 mm	All can apply
117.	burr for stapes surgery and ossicular drilling	1.2 mm	All can apply
118.	microscope drape for zeiss vario		All can apply
119.	Lacrimal stent	All sizes	all CE/USFDA approved companies
120.	nasal splint (Aluminium splint)	All sizes	all can apply
121.	miniplates 4 hole 1.5 to 2.0 mm thickness		All can apply
122.	screws for miniplates 1.5 mm and 2.0 mm * 6.0 mm and 8.0 mm		All can apply
123.	hemimandibulectomy plates and screws	All sizes	All can apply
124.	laryngeal absorbable PLLA plates	All sizes and types	all CE/USFDA approved companies
125.	Polypropylene Mesh	7.5 x 15 cm, Bidder must have European CE four digit genuine CE certified/USFDA approved	All can apply

S. No.	Item Name	Specification	Recommended Make
126.	Polypropylene Mesh	15 x 15 cm, Bidder must have European CE four digit genuine CE certified/USFDA approved	All can apply
127.	Polypropylene Mesh	20 x 30 cm, Bidder must have European CE four digit genuine CE certified/USFDA approved	All can apply
128.	Polypropylene Mesh	30 x 30 cm, Bidder must have European CE four digit genuine CE certified/USFDA approved	All can apply
129.	Monofilament Polypropylene Mesh	with multidirectional elasticity and 1.7mm Pore size 15*15CM	All can apply
130.	Tissue separating mesh	Polyester/polypropylene mesh with ORC/polyglytone/hydrogel layer for ventral hernia repair. 10*20 CM rectangle.USFDA / EUROPEAN CE Approved	All can apply
131.	Tissue separating mesh	Polyester/polypropylene mesh with ORC/polyglytone/hydrogel layer for ventral hernia repair.. 15*20 CM oval. USFDA / EUROPEAN CE Approved	All can apply
132.	Tissue separating mesh	Polyester/polypropylene mesh with ORC/polyglytone/hydrogel layer for ventral hernia repair. 20*25 cm oval. USFDA / EUROPEANCE Approved	All can apply
133.	Tissue separating mesh	Polyester/polypropylene mesh with ORC/polyglytone/hydrogel layer for ventral hernia repair..20*30 cm , rectangle USFDA / EUROPEAN CE Approved	All can apply
134.	Tissue separating mesh	Polyester/polypropylene mesh with ORC/polyglytone/hydrogel layer for ventral hernia repair. 10*15 cm ,oval USFDA / EUROPEANCE Approved	All can apply
135.	Tissue separating mesh	Polyester/polypropylene mesh with ORC/polyglytone/hydrogel layer for ventral hernia repair.26*34cm,ovalUSFDA/EUROPEANCE Approved	All can apply
136.	Tissue separating mesh	Polyester/polypropylene mesh with ORC/polyglytone/hydrogel layer for ventral hernia repair.15*15cm,squareUSFDA/EUROPEANCE Approved	All can apply
137.	Polypropylene soft mesh	Soft Polypropylene Mesh constructed of knitted filaments of extruded polypropylene identical in composition to that used in Polypropylene Suture. Size 15x15cm USFDA / EUROPEAN CE Approved	All can apply
138.	Polypropylene Soft mesh	Soft Polypropylene Mesh constructed of knitted filaments of extruded polypropylene identical in composition to that used in Polypropylene Suture. Size25x25cm USFDA / EUROPEAN CE Approved	All can apply
139.	Macroporous mesh of polypropylene and poliglicaprone	Macro porus partially absorbable mesh made up of approximately equal parts of polypropylene monofilament fiber (6-0) and Poliglecaprone 25 monofilament fiber (5-0) with pore size 2.7 mm & weight of 39 g/m2 15*15 CM USFDA / EUROPEAN CE Approved	All can apply
140.	5MM Helical Titanium Tacker For Mesh Fixation With <u>25 - 30</u> Tacks.	Bidder must have USFDA/European CE Certifications.	All can apply
141.	5MM Absorbable Tacker with For Mesh Fixation With <u>15-12 - 15</u> Tacks.	Bidder must have USFDA/European CE Certifications. <a href="#">Quoted rate for single tack</a>	All can apply
142.	5MM Absorbable Tacker with For Mesh Fixation With <u>30 25 - 30</u> Tacks.	Bidder must have USFDA/European CE Certifications. <a href="#">Quoted rate for single tack</a>	All can apply
143.	Absorbable Tacks made-up of PLA,	Reloads 5 Tacks Deep & Std Tissue Purchase	All can apply
144.	Preloaded Absorbable Tack	made-up of PLA Reloads 8-10 Tacks Deep & Std Tissue Purchase	All can apply
145.	Skin Incision Marker	It should be non-toxic, non-smearing with non-irritating	All can apply
146.	Skin Stapler	1 Box = 5/6 Pieces, Bidder must have USFDA/European CE / ISO 13485 Certifications. Quote rate for single stapler	All can apply
147.	Suction catheter	Size: 6 Fr.	All can apply
148.	Suction catheter	Size: 8 Fr.	All can apply
149.	Suction catheter	Size: 10 Fr.	All can apply
150.	Suction catheter	Size: 12 Fr.	All can apply
151.	Suction catheter	Size: 14 Fr.	All can apply

S. No.	Item Name	Specification	Recommended Make
152.	Suction catheter	Size: 16 Fr.	All can apply
153.	Suction catheter	Size: 18 Fr.	All can apply
154.	Suprapubic Catheter Set	10 Fr silicone / premium quality hydrogel coated latex, suprapubic catheter with balloon, Suprapubic catheter introducer (It includes a sharp stainless steel tip for easier penetration and reduced trauma. The tap is moulded to the end of the tear off strip on the cannula and prevents the sheath separating from the trocar during insertion, whilst the handle ensures a comfortable grip).	All with ISO/BIS Standard can apply
155.	Suprapubic Catheter Set	12 Fr silicone / premium quality hydrogel coated latex, suprapubic catheter with balloon, Suprapubic catheter introducer (It includes a sharp stainless steel tip for easier penetration and reduced trauma. The tap is moulded to the end of the tear off strip on the cannula and prevents the sheath separating from the trocar during insertion, whilst the handle ensures a comfortable grip).	All with ISO/BIS Standard can apply
156.	Suprapubic Catheter Set	14 Fr silicone / premium quality hydrogel coated latex, suprapubic catheter with balloon, Suprapubic catheter introducer (It includes a sharp stainless steel tip for easier penetration and reduced trauma. The tap is moulded to the end of the tear off strip on the cannula and prevents the sheath separating from the trocar during insertion, whilst the handle ensures a comfortable grip).	All with ISO/BIS Standard can apply
157.	Suprapubic Catheter Set	16 Fr silicone / premium quality hydrogel coated latex, suprapubic catheter with balloon, Suprapubic catheter introducer (It includes a sharp stainless steel tip for easier penetration and reduced trauma. The tap is moulded to the end of the tear off strip on the cannula and prevents the sheath separating from the trocar during insertion, whilst the handle ensures a comfortable grip).	All with ISO/BIS Standard can apply
158.	Synthetic Cast (Fibre Glass)	3 Inches	All can apply
159.	Synthetic Cast (Fibre Glass)	4 Inches	All can apply
160.	Synthetic Cast (Fibre Glass)	5 Inches	All can apply
161.	Tracheostomy tube holder		All can apply
162.	Tracheostomy tube size	Plain Size 3.0	All can apply
163.	Tracheostomy tube size	Plain Size 3.5	All can apply
164.	Tracheostomy tube size	Plain Size 4.0	All can apply
165.	Tracheostomy tube size	Plain Size 4.5	All can apply
166.	Tracheostomy tube size	Plain Size 5.0	All can apply
167.	Tracheostomy tube size	Plain Size 5.5	All can apply
168.	Tracheostomy tube size with Subglottic Suction Line	Plain Size 6.0	All can apply
169.	Tracheostomy tube size with Subglottic Suction Line	Plain Size 6.5	All can apply
170.	Tracheostomy tube size with Subglottic Suction Line	Plain Size 7.0	All can apply
171.	Tracheostomy tube size with Subglottic Suction Line	Plain Size 7.5	All can apply
172.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 3.0	All can apply
173.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 3.5	All can apply
174.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 4.0	All can apply
175.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 4.5	All can apply
176.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 5.0	All can apply
177.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 5.5	All can apply
178.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 6.0	All can apply
179.	Tracheostomy tube size with Subglottic	Cuffed Size 6.5	All can apply

S. No.	Item Name	Specification	Recommended Make
	Suction Line		
180.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 7.0	All can apply
181.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 7.5	All can apply
182.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 8.0	All can apply
183.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 8.5	All can apply
184.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 9.0	All can apply
185.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 9.5	All can apply
186.	Tracheostomy tube size with Subglottic Suction Line	Cuffed Size 10.0	All can apply
187.	Tracheostomy tube size	Double Lumen with fenestrations 4.0	All can apply
188.	Tracheostomy tube size	Double Lumen with fenestrations 4.5	All can apply
189.	Tracheostomy tube size	Double Lumen with fenestrations 5.0	All with ISO/BIS Standard can apply
190.	Tracheostomy tube size	Double Lumen with fenestrations 5.5	All with ISO/BIS Standard can apply
191.	Tracheostomy tube size	Double Lumen with fenestrations 6.0	All with ISO/BIS Standard can apply
192.	Tracheostomy tube size	Double Lumen with fenestrations 6.5	All with ISO/BIS Standard can apply
193.	Tracheostomy tube size	Double Lumen with fenestrations 7.0	All with ISO/BIS Standard can apply
194.	Tracheostomy tube size	Double Lumen with fenestrations 7.5	All with ISO/BIS Standard can apply
195.	Tracheostomy tube size	Double Lumen with fenestrations 8.0	All with ISO/BIS Standard can apply
196.	Tracheostomy tube size	Double Lumen with fenestrations 8.5	All with ISO/BIS Standard can apply
197.	Tracheostomy tube size	Double Lumen with fenestrations 9.0	All with ISO/BIS Standard can apply
198.	Tracheostomy tube size	Double Lumen with fenestrations 9.5	All with ISO/BIS Standard can apply
199.	Tracheostomy tube size	Double Lumen with fenestrations 10.0	All with ISO/BIS Standard can apply
200.	Tracheostomy tube size	Long tube with adjustable flange 4.0	All can apply
201.	Tracheostomy tube size	Long tube with adjustable flange 4.5	All can apply
202.	Tracheostomy tube size	Long tube with adjustable flange 5.0	All can apply
203.	Tracheostomy tube size	Long tube with adjustable flange 5.5	All can apply
204.	Tracheostomy tube size	Long tube with adjustable flange 6.0	All can apply
205.	Tracheostomy tube size	Long tube with adjustable flange 6.5	All can apply
206.	Tracheostomy tube size	Long tube with adjustable flange 7.0	All can apply
207.	Tracheostomy tube size	Long tube with adjustable flange 7.5	All can apply
208.	Tracheostomy tube size	Long tube with adjustable flange 8.0	All can apply
209.	Tracheostomy tube size	Long tube with adjustable flange 8.5	All can apply
210.	Tracheostomy tube size	Long tube with adjustable flange 9.0	All can apply
211.	Tracheostomy tube size	Long tube with adjustable flange 9.5	All can apply
212.	Tracheostomy tube size	Long tube with adjustable flange 10.0	All can apply
213.	Toomey Syringe (Plastic)	Single chamber	All can apply
214.	Umbilical catheters	Size: 6 * 40 cm	All can apply
215.	Umbilical catheters	Size: 7 * 40 cm	All can apply
216.	Umbilical catheters	3 Fr., Polyurethane	All can apply
217.	Umbilical catheters	3.5 Fr. * 40 cm, Polyurethane	All can apply
218.	Umbilical catheters	4 Fr. * 40 cm, Polyurethane	All can apply
219.	Umbilical catheters	5 Fr. * 40 cm, Polyurethane	All can apply
220.	Umbilical catheters	8 Fr. * 40 cm, Polyurethane	All can apply
221.	Underwater Seal Drainage Bag		All can apply
222.	Vacuum Suction Drain Set, having Bellow Unit, Spare Perforated Tube (Kink Resistant), Perforated Tube with Curved Needle, Connecting Tube with Clamp & Y Connector,	6 Fr 8 Fr 10 Fr 12 Fr 14 Fr 16 Fr 18 Fr	All can apply
223.	Yankauer Suction catheter Set	Yankauer cannula with end and side eyes Non-collapsible suction tube (Length 2 – 3 Mtr.)	All can apply
224.	Laparoscopic Camera Cover Sterile	Made of polyethylene sleeve and paper leader. Distal end of PE sleeve has perforations and an adhesive strip for tying the end around the cable Or having ring at one end.	All can apply
225.	Negative suction chest drainage bottle, System	One bottle	All can apply
226.	Negative suction chest drainage bottle, System	Two bottles	All can apply

S. No.	Item Name	Specification	Recommended Make
227.	Negative suction chest drainage bottle, System	Three bottles	All can apply
228.	Balloon (for laparoscopic hernia surgery)	Pack of 1 PC	All can apply
229.	Suction Rectal Biopsy Cannula		All can apply
230.	Abram's Pleural Biopsy Needle		All can apply
231.	Copes Pleural Biopsy Needle		All can apply
232.	Collagen Granules	<ul style="list-style-type: none"> <li>• good absorbing capacity</li> <li>• Derived from fish sources- no threat to BSE/TSE</li> <li>• Biocompatible as per EN ISO 10993 standard</li> <li>• Non- toxic, non -allergic, non -immunogenic and non-pyrogenic</li> <li>• Excellent solubility</li> <li>• Heat-stability</li> <li>• Stable against food acids</li> <li>• Brilliant clarity</li> <li>• No precipitation or flocculation in liquid applications</li> <li>• Low viscosity</li> <li>• Neutral in taste and odour</li> </ul>	All can apply
233.	Collagen Sheet	<ul style="list-style-type: none"> <li>• Non-inflammatory,</li> <li>• Non-toxic</li> <li>• Impermeable to bacterial migration</li> <li>• Should have elastic, soft, and supple and good tear strength</li> <li>• Good suturing characteristics</li> <li>• Able to be peeled off the wound</li> <li>• Biocompatible as per EN ISO 10993 standards</li> <li>• Sizes -5x5, 10x10, 10x20, 10x25, 15x30, 20x40 cms</li> </ul>	All can apply
234.	Jackson Pratt Drainage Set	Capacity -200ml , 4 X 10mm	All can apply
235.	Silicone External Catheter(Male)	25mm	All can apply
236.	Silicone External Catheter(Male)	30mm	All can apply
237.	Silicone External Catheter(Male)	35mm	All can apply
238.	Suture free PICC plus stabilization device for PICC catheters with tricot anchor pads and sliding posts		All can apply
239.	Foleys Catheter 3 way	Size: 14 Fr. Made of premium quality latex, hydrogel coated, irrigation channel must not get blocked with moderate traction	All with ISO/BIS Standard can apply
240.	Foleys Catheter 3 way	Size: 16 Fr. Made of premium quality latex, hydrogel coated, irrigation channel must not get blocked with moderate traction	All with ISO/BIS Standard can apply
241.	Foleys Catheter 3 way	Size: 18 Fr. Made of premium quality latex, hydrogel coated, irrigation channel must not get blocked with moderate traction	All with ISO/BIS Standard can apply
242.	Foleys Catheter 3 way	Size: 20 Fr. Made of premium quality latex, hydrogel coated, irrigation channel must not get blocked with moderate traction	All with ISO/BIS Standard can apply
243.	Foleys Catheter 3 way	Size: 22 Fr. Made of premium quality latex, hydrogel coated, irrigation channel MUST NOT GET BLOCKED with moderate traction (Sample will be asked)	All with ISO/BIS Standard can apply
244.	Foleys Catheter 3 way	Size: 24 Fr. Made of premium quality latex, hydrogel coated, irrigation channel must not get blocked with moderate traction	All with ISO/BIS Standard can apply
245.	Foleys Catheter 2 way	Size: 6 Fr. Made of premium quality latex, hydrogel coated	All with ISO/BIS Standard can apply
246.	Foleys Catheter 2 way	Size: 8 Fr. Made of premium quality latex, hydrogel coated	All with ISO/BIS Standard can apply
247.	Foleys Catheter 2 way	Size: 10 Fr. Made of premium quality latex, hydrogel coated	All with ISO/BIS Standard can apply
248.	Foleys Catheter 2 way	Size: 24 Fr. Made of premium quality latex, hydrogel coated	All with ISO/BIS Standard can apply
249.	Coude urethral catheter	Size: 14 Fr.	All with ISO/BIS Standard can apply
250.	Coude urethral catheter	Size: 16 Fr.	All with ISO/BIS Standard can apply

S. No.	Item Name	Specification	Recommended Make
251.	Corrugated Rubber Drain		All can apply
252.	Corrugated Drainage Sheet		All can apply
253.	Rectal Catheter	Size: 22 Fr.	All can apply
254.	Rectal Catheter	Size: 24 Fr.	All can apply
255.	Rectal Catheter	Size: 26 Fr.	All can apply
256.	Rectal Catheter	12 Fr.	All can apply
257.	Rectal Catheter	14 Fr.	All can apply
258.	Rectal Catheter	16 Fr.	All can apply
259.	Salem sump tube / irrigation tube	Size 12 * 119 cm	All can apply
260.	Salem sump tube / irrigation tube	Size 14 * 119 cm	All can apply
261.	Salem sump tube / irrigation tube	Size 16 * 119 cm	All can apply
262.	Salem sump tube / irrigation tube	Size 18 * 119 cm	All can apply
263.	Salem sump tube / irrigation tube	Size 20 * 119 cm	All can apply
264.	Salem sump tube / irrigation tube	Size 12 * 112 cm	All can apply
265.	Salem sump tube / irrigation tube	Size 14 * 112 cm	All can apply
266.	Salem sump tube / irrigation tube	Size 16 * 112 cm	All can apply
267.	Salem sump tube / irrigation tube	Size 18 * 112 cm	All can apply
268.	Salem sump tube / irrigation tube	Size 20 * 112 cm	All can apply
269.	Silicone Foleys Balloon Catheter 2 Way	100% latex free, 2 ways silicon Foley's catheter, 22 fr	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
270.	Silicone Foleys Balloon Catheter 2 Way	100%latexfree,2wayssiliconFoley'scatheter,8fr	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
271.	Silicone Foleys Balloon Catheter 2 Way	100%latexfree,2wayssiliconFoley'scatheter,10 fr	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
272.	Silicone Foleys Balloon Catheter 2 Way	100% latex free, 2 ways silicon Foley's catheter, 12 fr	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
273.	Silicone Foleys Balloon Catheter 2 Way	100% latex free, 2 ways silicon Foley's catheter, 14 fr	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
274.	Silicone Foleys Balloon Catheter 2 Way	100% latex free, 2 ways silicon Foley's catheter, 16 fr	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
275.	Silicone Foleys Balloon Catheter 2 Way	100% latex free, 2 ways silicon Foley's catheter, 18 fr	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
276.	Silicone Foleys Balloon Catheter 3 Way	100% latex free, 3 ways silicon Foley's catheter, 20 fr	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
277.	Silicone Foleys Balloon Catheter 3 Way	100% latex free, 3 ways silicon Foley's catheter, 22 fr	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
278.	Silicone Foleys Balloon Catheter 3 Way	100%latexfree,3wayssiliconFoley'scatheter,24 fr	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
279.	Intra Uterine Insemination [IUI] Catheter	Should be 13 - 17 cm in length Should be madeup of non toxic medical grade polypropylene Smooth rounded tip.	All can apply
280.	Intra Uterine Insemination [IUI] Catheter	Two piece catheter , outer piece made up of non toxic medical grade polyethylene, French 5- 5.5, Length 17-22 cm, Inner catheter of stainless steel with curved tip with adjustable silicon positioner.	All can apply
281.	Karman Cannula plain / corrected name HSG cannula	Made up of latex free silicon, with side port to inject dye, length 30-35 cm,external diameter 4.0-6.0 French , balloon volume 1.0-1.5 ml, should accompany with appropriately sized syringe.	All can apply
282.	Nelaton Catheter	Size: 20 Fr.	All with ISO/BIS Standard can apply
283.	Nelaton Catheter	Size: 22 Fr.	All with ISO/BIS Standard can apply
284.	Nelaton Catheter	Size: 24 Fr.	All with ISO/BIS Standard can apply
285.	Nelaton Catheter	Size: 6 Fr.	All with ISO/BIS Standard can apply
286.	Nelaton Catheter	Size: 8 Fr.	All with ISO/BIS Standard can apply
287.	Nelaton Catheter	Size: 10 Fr.	All with ISO/BIS Standard can apply
288.	Nelaton Catheter	Size: 12 Fr.	All with ISO/BIS Standard can apply



S. No.	Item Name	Specification	Recommended Make
289.	Nelaton Catheter	Size: 14 Fr.	All with ISO/BIS Standard can apply
290.	Nelaton Catheter	Size: 16 Fr.	All with ISO/BIS Standard can apply
291.	Nelaton Catheter	Size: 18 Fr.	All with ISO/BIS Standard can apply
292.	Non-metallic urethral dilator set	Soft urethral dilator set from 8 to 20 fr, must have hydrophilic coating and curved	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
293.	ureteric ballon dilator	size 5 Fr. With length 65-70 CM, Balloon Length cm 3-4 Maximum Inflation Pressure psi 40	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
294.	Suprapubic Cystotomy Cath. Sets [Radio opaque Ethyl vinyl acetate catheter & steel needle with obturator]	Size: 8 Fr. * 20 cm	Companies with European CE four digit genuine CE certified/USFDA approved
295.	Suprapubic Cystotomy Cath. Sets [Radio opaque Ethyl vinyl acetate catheter & steel needle with obturator]	Size: 10 Fr. * 20 cm	Companies with European CE four digit genuine CE certified/USFDA approved
296.	Suprapubic Cystotomy Cath. Sets [Radio opaque Ethyl vinyl acetate catheter & steel needle with obturator]	Size: 12 Fr. * 20 cm	Companies with European CE four digit genuine CE certified/USFDA approved
297.	Suprapubic Cystotomy Cath. Sets [Radio opaque Ethyl vinyl acetate catheter & steel needle with obturator]	Size: 14 Fr. * 20 cm	Companies with European CE four digit genuine CE certified/USFDA approved
298.	Suprapubic Cystotomy Cath. Sets [Radio opaque Ethyl vinyl acetate catheter & steel needle with obturator]	Size: 16 Fr. * 20 cm	Companies with European CE four digit genuine CE certified/USFDA approved
299.	Thoracic Trocar Catheter	Size: 8 Fr.	All Can Apply
300.	Thoracic Trocar Catheter	Size: 10 Fr.	All Can Apply
301.	Thoracic Trocar Catheter	Size: 12 Fr.	All Can Apply
302.	Thoracic Trocar Catheter	Size: 14 Fr.	All Can Apply
303.	Thoracic Trocar Catheter	Size: 16 Fr.	All Can Apply
304.	Thoracic Trocar Catheter	Size: 18 Fr.	All Can Apply
305.	Thoracic Trocar Catheter	Size: 20 Fr.	All Can Apply
306.	Thoracic Trocar Catheter	Size: 22 Fr.	All Can Apply
307.	Thoracic Trocar Catheter	Size: 24 Fr.	All Can Apply
308.	Thoracic Trocar Catheter	Size: 26 Fr.	All Can Apply
309.	Thoracic Trocar Catheter	Size: 28 Fr.	All Can Apply
310.	Thoracic Trocar Catheter	Size: 30 Fr.	All Can Apply
311.	Thoracic Trocar Catheter	Size: 32 Fr.	All Can Apply
312.	Thoracic Trocar Catheter	Size: 34 Fr.	All Can Apply
313.	Thoracic Trocar Catheter	Size: 36 Fr.	All Can Apply
314.	Disposable monopolar cautery pencil	Should be USFDA/Europian CE	All can apply
315.	Bipolar cautery pencil disposable	Should be USFDA/Europian CE	All can apply
316.	Clamp for Colostomy Bag		All Can Apply
317.	Tissue Glue	for Dermal closure of Surgical Wounds	All Can Apply
318.	Mid urethral sling mesh	Size 8 - 12 cm with inside out technology	All Can Apply
319.	Full automatic Core Biopsy Gun <b>Specification:</b> Should be spring loaded disposable automatic biopsy gun. Should have one handed cocking mechanism with non-roll handle design. Should have angled deep sample notch for enhanced needle action which should be mentioned in the brochure. Should have a choice of two firing buttons/Dual Trigger with size color coding. Should have sharp beveled trocar. Should have round ergonomic handle with no fire lock. Should have etched needle tip which should be grit blasted.	Size: 14G, 10 cm, Biopsy Slot: 10 – 11 mm Size: 14G, 16 cm, Biopsy Slot: 10 – 11 mm Size: 14G, 20 cm, Biopsy Slot: 10 – 11 mm Size: 14G, 25 cm, Biopsy Slot: 10 – 11 mm Size: 16G, 10 cm, Biopsy Slot: 10 – 11 mm Size: 16G, 16 cm, Biopsy Slot: 10 – 11 mm Size: 16G, 20 cm, Biopsy Slot: 10 – 11 mm Size: 16G, 25 cm, Biopsy Slot: 10 – 11 mm Size: 18G, 10 cm, Biopsy Slot: 10 – 11 mm Size: 18G, 16 cm, Biopsy Slot: 10 – 11 mm Size: 18G, 20 cm, Biopsy Slot: 10 – 11 mm Size: 18G, 25 cm, Biopsy Slot: 10 – 11 mm Size: 20G, 10 cm, Biopsy Slot: 10 – 11 mm Size: 20G, 16 cm, Biopsy Slot: 10 – 11 mm Size: 20G, 20 cm, Biopsy Slot: 10 – 11 mm Size: 20G, 25 cm, Biopsy Slot: 10 – 11 mm Size: 14G, 10 cm, Biopsy Slot: 20 – 22 mm Size: 14G, 16 cm, Biopsy Slot: 20 – 22 mm Size: 14G, 20 cm, Biopsy Slot: 20 – 22 mm Size: 14G, 25 cm, Biopsy Slot: 20 – 22 mm Size: 16G, 10 cm, Biopsy Slot: 20 – 22 mm Size: 16G, 16 cm, Biopsy Slot: 20 – 22 mm Size: 16G, 20 cm, Biopsy Slot: 20 – 22 mm	European CE four digit genuine CE certified/USFDA approved, All Can Apply



S. No.	Item Name	Specification	Recommended Make
		Size: 16G, 25 cm, Biopsy Slot: 20 – 22 mm	
		Size: 18G, 10 cm, Biopsy Slot: 20 – 22 mm	
		Size: 18G, 16 cm, Biopsy Slot: 20 – 22 mm	
		Size: 18G, 20 cm, Biopsy Slot: 20 – 22 mm	
		Size: 18G, 25 cm, Biopsy Slot: 20 – 22 mm	
		Size: 20G, 10 cm, Biopsy Slot: 20 – 22 mm	
		Size: 20G, 16 cm, Biopsy Slot: 20 – 22 mm	
		Size: 20G, 20 cm, Biopsy Slot: 20 – 22 mm	
		Size: 20G, 25 cm, Biopsy Slot: 20 – 22 mm	
		Size: 14G, 14-16 cm, Biopsy Slot: 1.6 – 2.0 mm	
		Size: 16G, 14-16 cm, Biopsy Slot: 1.6 – 2.0 mm	
		Size: 18G, 14-16 cm, Biopsy Slot: 1.6 – 2.0 mm	
		Size: 14G, 18-20 cm, Biopsy Slot: 1.6 – 2.0 mm	
		Size: 16G, 18-20 cm, Biopsy Slot: 1.6 – 2.0 mm	
		Size: 18G, 18-20 cm, Biopsy Slot: 1.6 – 2.0 mm	
		Size: 14G, 22-25 cm, Biopsy Slot: 1.6 – 2.0 mm	
		Size: 16G, 22-25 cm, Biopsy Slot: 1.6 – 2.0 mm	
		Size: 18G, 22-25 cm, Biopsy Slot: 1.6 – 2.0 mm	
		Size: 20G, 22-25 cm, Biopsy Slot: 1.6 – 2.0 mm	
320.	Oxidized Regenerated Cellulose (Dense Kit)	Oxidized regenerated cellulose based Absorbable topical hemostat , bactericidal by pH action thick weave dense knit form , Approved by USFDA /European CE four digit number Sizes: 3 X 4"	All can apply
321.	Oxidized Regenerated Cellulose (Dense Kit)	Oxidized regenerated cellulose based Absorbable topical hemostat , bactericidal by pH action thick weave dense knit form , Approved by USFDA/European CE four digit number, Sizes: 1X1"	All can apply
322.	Oxidized Regenerated Cellulose (Dense Kit)	Oxidized regenerated cellulose based Absorbable topical hemostat , bactericidal by pH action thick weave dense knit form , Approved by USFDA/European CE four digit number size 1 x 3.5"	All can apply
323.	Oxidized Regenerated Cellulose (Dense Kit)	Oxidized regenerated cellulose based Absorbable topical hemostat , bactericidal by pH action thick weave dense knit form , Approved by USFDA/European CE four digit number: Size 3 x 4"	All can apply
324.	Oxidized Regenerated Cellulose (Dense Kit)	Oxidized regenerated cellulose based Absorbable topical hemostat , bactericidal by pH action thick weave dense knit form , Approved by USFDA/European CE four digit number: Size 6 x 9"	All can apply
325.	Oxidized regenerated cellulose	Rayon fabric , Oxidized regenerated cellulose , bactericidal by pH action , Absorbable topical hemostat . Approved by US FDA/ European CE four digit number Size 2"x3"	All can apply
326.	Oxidized regenerated cellulose	Rayon fabric , Oxidized regenerated cellulose , bactericidal by pH action , Absorbable topical hemostat Approved by USFDA/European CE four digit number Size 4"x8"	All can apply
327.	Oxidized regenerated cellulose	Rayon fabric , Oxidized regenerated cellulose , bactericidal by pH action , Absorbable topical hemostat . Approved by USFDA/European CE four digit number Size 2"x14"	All can apply
328.	Oxidized regenerated cellulose (layered fibrill form)	Rayon fabric , Oxidized regenerated cellulose , bactericidal by pH action , Absorbable topical hemostat . Fibrillar form Approved by USFDA/European CE four digit number :Size 1"x2"	All can apply
329.	Oxidized regenerated cellulose (layered fibrill form)	Rayon fabric , Oxidized regenerated cellulose , bactericidal by pH action , Absorbable topical hemostat . Fibrillar form , Approved by USFDA/European CE four digit number :Size 2"x4"	All can apply
330.	Oxidized regenerated cellulose (layered fibrill form)	Rayon fabric , Oxidized regenerated cellulose , bactericidal by pH action , Absorbable topical hemostat . Fibrillar form , Approved by USFDA/European CE four digit number Size 4"x4"	All can apply
331.	Oxidized regenerated cellulose (Non woven)	Oxidized regenerated cellulose based Absorbable topical hemostat , bactericidal by pH action Structured non woven material , Approved by USFDA/European CE four digit number Size 1"x2"	All can apply
332.	Oxidized regenerated cellulose (Non woven)	Oxidized regenerated cellulose based Absorbable	All can apply

S. No.	Item Name	Specification	Recommended Make
		topical heamostat , bactricidal by pH action Structured non woven material , Approved by USFDA/European CE four digit number Size 2"x4"	
333.	Oxidized regenerated cellulose (Non woven)	Oxidized regenerated cellulose based Absorbable topical heamostat , bactricidal by pH action Structured non woven material , Approved by USFDA/European CE four digit number Size 4"x4"	All can apply
334.	Preloaded open clip applier with super interlocking titanium clips	Size: Small, Product should be USFDA approved	All can apply
		Size: Medium, Shaft Size: 7.5 cm, Product should be USFDA approved	
		Size: Medium, Shaft Size: 11.5 cm, Product should be USFDA approved	
		Size: Large, Product should be USFDA approved	
335.	Disposable Adhesive Cautery Plate / Pad with pre attached cable. Size 13.2 cm * 12 cm (10%)	Adult (Cautery pad should be compatible with ERBE, Allen, Medtronic cautery machine)	All can apply
336.	Disposable Adhesive Cautery Plate / Pad (10%)	- Pediatric 75 cm <sup>2</sup> (10%) (Cautery pad should be compatible with ERBE, Allen, Medtronic cautery machine)	All can apply
337.	Disposable Adhesive Cautery Plate / Pad	Neonatal (Cautery pad should be compatible with ERBE, Allen, Medtronic cautery machine)	All can apply
338.	Colostomy Bags with clips		All can apply
339.	Disposable O.T. Caps	Non-woven bouffant type, Polyester fabric	All can apply
340.	Disposable O.T. Caps	Non-woven cap with elastic grip at one end, Polyester fabric	All can apply
341.	Adhesion Barrier Matrix Ultra-Pure Collagen Dural Substitute	1 x 1 Inch	All can apply
342.	Adhesion Barrier Matrix Ultra-Pure Collagen Dural Substitute	2x2 Inches	All can apply
343.	Adhesion Barrier Matrix Ultra-Pure Collagen Dural Substitute	3x3 Inches	All can apply
344.	POP Bandage	4 Inches, POP Powder 60 to 100% by weight, on woven gauze (1 to 10% by weight) and ISO 13485 certified.	All can apply
345.	POP Bandage	6 Inches, POP Powder 60 to 100% by weight, on woven gauze (1 to 10% by weight) and ISO 13485 certified.	All can apply
346.	Surgical Hair Clipper Blade	It Should be compatible with 3M Hair Clipper	All can apply
347.	ECG Machine Paper	Compatible with EDAN, Model-ES 1201	All can apply
348.	ECG Machine Paper	Compatible with EDAN, Model-ES 1200	All can apply
349.	ECG Machine Paper	Compatible with Shiller Machine	All can apply
350.	ECG Paper	AA Size Jet Fold	All can apply
351.	ECG Roll	Compatible with BPL Machine	All can apply
352.	Paper for Cardiotocography Machine	Compatible with CTG BT 350 and Soni acid Team Duo CTG machines.	All can apply
353.	ET Tube Fixation	A pre-cut tape for firm and critical securement of Endotracheal Tubes in high moisture applications and damp areas. It is water-resistant, hypoallergenic, has bi-directional elastic stretch, conformable and not made with natural rubber latex. Size – 25.4 * 5.4 cm	All can apply
354.	Central Venous Catheter Dressing with antimicrobial action	7 cm x 8.5 cm 2% w/w gel pad contain CHG, Should have USFDA	All can apply
355.	Central Venous Catheter Dressing with antimicrobial action	8.5 cm x 11.5 cm 2% w/w gel pad contain CHG with antimicrobial activity up to 10 days Should have USFDA/ISO 10993 certificate	All can apply
356.	Central Venous Catheter Dressing with antimicrobial action	10cm x 10.5 cm 2% w/w gel pad contain CHG with antimicrobial activity up to 10 days, Should have USFDA/ISO 10993 certificate	All can apply
357.	Adhesive Bandage	Adhesive Bandage 39reatha. size 0.5" x 3-4", Sticky on both ends with small non-sticky absorbent pad.	All can apply
358.	Adhesive Bandage	Adhesive Bandage size Round, 39reatha. 2 x 2 cm, Sticky at periphery and non-sticky absorbent pad at centre.	All can apply
359.	Adhesive Bandage	Adhesive Bandage Square shape 39reatha. size 1" x 1", Sticky at periphery and non-sticky absorbent pad at centre.	All can apply
360.	Triple Layer Surgical Mask	Non-woven filter with Tie String.	All can apply

S. No.	Item Name	Specification	Recommended Make
		1 <sup>st</sup> layer – 20gsm spunbound 2 <sup>nd</sup> layer – 30gsm spunbound 3 <sup>rd</sup> layer – 20gsm spunbound	
361.	Elastomeric disposable Pump, Flow rate 1ml – 7 ml / hr with 100 / 130 ml volume capacity		All can apply
362.	Elastomeric disposable Pump, Flow rate 2ml – 14 ml / hr with 275 / 300 ml volume capacity		All can apply
363.	Arterial Catheter designed for peripheral arterial cannulation with an on/off device that prevents backflow of blood		All can apply
364.	HCW Safety Needle with Single handed activating locking shield with Needle shield fixed at Needle Hub to lock the needle	20 G	All can apply
365.	Thermoplastic Mask (Push pin type, Compatible with MacroMedics BV (Kouwe Hoek 18, 2741 PX Waddinxveen, The Netherlands ))	3 Point Head	All can apply
		5 Point Head and Neck	
		Adult 6 Point Pelvic mask	
		Adult 4 Point thorax mask	
366.	Steam Chemical integrators for Sterilization / CSSD	<ul style="list-style-type: none"> <li>Should have batch monitoring system.</li> <li>Should show air removal and steam penetration.</li> <li>Should not change color in dry heat.</li> <li>Compatible with metal PCD.</li> <li>EN ISO –11140-1</li> </ul>	All can apply
367.	Hydrogen Peroxide / Plasma Chemical Indicator Strips for CSSD	<ul style="list-style-type: none"> <li>Chemical indicator to monitor plasma sterilization.</li> <li>It can be used with reusable stainless steel helix PCD.</li> <li>Should have an ISO EN11140-1.</li> <li>It should ensure air removal and H<sub>2</sub>O<sub>2</sub> gas penetration to most difficult locations of load.</li> <li>Should be lead free.</li> </ul>	All can apply
368.	Super Rapid BI for STEAM Autoclaves	<ul style="list-style-type: none"> <li>Self contained Biological ampoule should contain bacillus stearothermophilus with the population of 10<sup>6</sup> CFU</li> <li>Result should be instant/immediate release.</li> <li>Should have EN ISO-11138-1+3</li> <li>Compatible with porous load &amp; hollow devices.</li> <li>PCD made of stainless steel and thermal resistant polymers to guarantee long term durability.</li> </ul>	All can apply
369.	Super Rapid BI for Plasma Incubator.	<ul style="list-style-type: none"> <li>Biological indicator for hydrogen peroxide sterilization should have Geob. Stearothermophilus with population 10<sup>6</sup> CFU on glass fiber carrier.</li> <li>Compatible with Reusable Bio –compact PCD which simulates porous load &amp; hollow devices.</li> </ul>	All can apply
370.	Autoclave Label for Plasma	<ul style="list-style-type: none"> <li>Should be lead free</li> <li>Should have double adhesive</li> <li>As per EN ISO11140-1</li> </ul>	All can apply
371.	Autoclavable Tape	<ul style="list-style-type: none"> <li>Heat sensitive chemical indicator self adherent tape without leaving any adhesive residue, for Steam Sterilization cycles.</li> <li>Color change should be from White to dark brown for easy identification after processed in Steam Autoclaves of different time and</li> </ul>	All can apply

S. No.	Item Name	Specification	Recommended Make
		temperature requirements. • Should not change color in dryheat.	
372.	Bowie DICK test Pack	• Bowie Dick Simulation test system (BDS system) comprising reusable metal PCD with air removal chemicalIndicator • as perEN-ISO-11140-1, • colour should not change to end result in dryheat, • Air Removal and steam penetration Test according to EN 285(7kg) • Validated according to the test method of ISO 11140-1+5 for steamsterilization. • Should be Leadfree.	All can apply
373.	WRAP 750 X 750MM	• As per ISO, EN 868standard • Should have bacterial barrier for fluid repellent. • Should not have natural fiber or synthetic fiber(lintfree) • Compatible with steam, EO, Radiation, plasma andformaldehyde.	All can apply
374.	WRAP 600 X 600MM	• As per ISO, EN 868standard • Should have bacterial barrier for fluid repellent. • Should not have natural fiber or synthetic fiber(lintfree) • Compatible with steam, EO, Radiation, plasma andformaldehyde.	All can apply
375.	WRAP 900 X 900MM	• As per ISO, EN 868standard • Should have bacterial barrier for fluid repellent. • Should not have natural fiber or synthetic fiber(lintfree) • Compatible with steam, EO, Radiation, plasma andformaldehyde.	All can apply
376.	WRAP 100 X 100MM	• As per ISO, EN 868standard • Should have bacterial barrier for fluid repellent. • Should not have natural fiber or synthetic fiber(lintfree) • Compatible with steam, EO, Radiation, plasma andformaldehyde.	All can apply
377.	WRAP 120 X 120MM	• As per ISO, EN 868standard • Should have bacterial barrier for fluid repellent. • Should not have natural fiber or synthetic fiber(lintfree) • Compatible with steam, EO, Radiation, plasma andformaldehyde.	All can apply
378.	WRAP 130 X 150MM	• Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside) • Leakage test should be as ASTM F 1929-98(Seal) • Medical grade paper as per60gsm. • ISO EN868-3	All can apply

S. No.	Item Name	Specification	Recommended Make
379.	STERILIZATION REEL 7.5CM X 200MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per 60gsm.</li> <li>ISO EN 868-3</li> </ul>	All can apply
380.	STERILIZATION REEL 10CM X 200MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per 60gsm.</li> <li>ISO EN 868-3</li> </ul>	All can apply
381.	STERILIZATION REEL 15CM X 200MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per 60gsm.</li> <li>ISO EN 868-3</li> </ul>	All can apply
382.	STERILIZATION REEL 20CM X 200MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per 60gsm.</li> <li>ISO EN 868-3</li> </ul>	All can apply
383.	STERILIZATION REEL 25CM X 200MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per 60gsm.</li> <li>ISO EN 868-3</li> </ul>	All can apply
384.	STERILIZATION REEL 30CM X 200MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per 60gsm.</li> <li>ISO EN 868-3</li> </ul>	All can apply
385.	STERILIZATION REEL 35CM X 200MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per 60gsm.</li> <li>ISO EN 868-3</li> </ul>	All can apply
386.	STERILIZATION REEL 40CM X 200MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98 (Seal)</li> </ul>	All can apply

S. No.	Item Name	Specification	Recommended Make
		<ul style="list-style-type: none"> <li>Medical grade paper as per60gsm.</li> <li>ISO EN868-3</li> </ul>	
387.	Roll made from High Density polyethylene Fibre 7.5CM X 100MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per60gsm.</li> <li>As per ISO11607</li> <li>As per EN868-5</li> </ul>	All can apply
388.	Roll made from High Density polyethylene Fibre 10CM X 100MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per60gsm.</li> <li>As per ISO11607</li> <li>As per EN868-5</li> </ul>	All can apply
389.	Roll made from High Density polyethylene Fibre 15CM X 100MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per60gsm.</li> <li>As per ISO11607</li> <li>As per EN868-5</li> </ul>	All can apply
390.	Roll made from High Density polyethylene Fibre 20 CM X 100MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per60gsm.</li> <li>As per ISO11607</li> <li>As per EN868-5</li> </ul>	All can apply
391.	Roll made from High Density polyethylene Fibre 25CM X 100MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per60gsm.</li> <li>As per ISO11607</li> <li>As per EN868-5</li> </ul>	All can apply
392.	Roll made from High Density polyethylene Fibre 30CM X 100MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per60gsm.</li> <li>As per ISO11607</li> <li>As per EN868-5</li> </ul>	All can apply
393.	Roll made from High Density polyethylene Fibre 35CM X 100MTR	<ul style="list-style-type: none"> <li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li> <li>Leakage test should be as ASTM F 1929-98(Seal)</li> <li>Medical grade paper as per60gsm.</li> <li>As per ISO11607</li> </ul>	All can apply

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S. No.	Item Name	Specification	Recommended Make
		<ul style="list-style-type: none"><li>As per EN868-5</li></ul>	
394.	Roll made from High Density polyethylene Fibre 40CM X 100MTR	<ul style="list-style-type: none"><li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li><li>Leakage test should be as ASTM F 1929-98(Seal)</li><li>Medical grade paper as per 60gsm.</li><li>As per ISO 11607</li><li>As per EN868-5</li></ul>	All can apply
395.	Roll made from High Density polyethylene Fibre 50CM X 100MTR	<ul style="list-style-type: none"><li>Should have bacterial barrier for fluid repellents. (preferably Povidine-iodine shouldn't pass through paperside)</li><li>Leakage test should be as ASTM F 1929-98(Seal)</li><li>Medical grade paper as per 60gsm.</li><li>As per ISO 11607</li><li>As per EN868-5</li></ul>	All can apply
396.	Self Seal Pouch	<ul style="list-style-type: none"><li>Leakage test should be as ASTM F 1929-98(Seal)</li><li>Medical grade paper as per 60gsm.</li><li>As per ISO 11607</li><li>As per EN868</li></ul>	All can apply

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S. No.	Item Name	Specification	Recommended Make
397	Rapid Biological Indicator for ETO	<ul style="list-style-type: none"> <li>• Certified as per ISO 11138 and EN866.</li> <li>• The indicator detects the presence of viable spores by the production of fluorescence.</li> </ul>	All can apply
398	Cleaning Indicator	<ul style="list-style-type: none"> <li>• Indicator to monitor cleaning process for washer disinfectant, ultrasonic machine and manual washing.</li> <li>• Non toxic, should be comfortable with most of the cleaning agent.</li> <li>• Indicator should be compactable to the cleaning procedure for hollow instruments.</li> </ul>	
399	PCD with super rapid Biological indicator	<p>Process challenge device (PCD) that contains a 24 min Readout Biological Indicator plus a Steam Chemical Integrator for Fast Turnaround Times for Load Releases</p> <ul style="list-style-type: none"> <li>• Should be compliant to AAMI standards that recommend a BI PCD containing a Class 5</li> </ul>	All can apply
400	Batch Monitoring System Chemical Indicator for steam.	<ul style="list-style-type: none"> <li>• Chemical indicator to be used in metal PCD</li> <li>• As per EN ISO 11140-1</li> <li>• Should not change color in dry heat.</li> </ul>	All can apply
401	Batch Monitoring System Chemical Indicator for EO.	<ul style="list-style-type: none"> <li>• Chemical indicator to monitor ethylene oxide sterilization compatible to the stainless steel helix PCD.</li> <li>• As per EN1422.</li> <li>• Should be lead free.</li> </ul>	All can apply
402	Batch Monitoring System Chemical Indicator for plasma.	<ul style="list-style-type: none"> <li>• Chemical indicator to monitor plasma sterilization compatible to the stainless steel helix PCD.</li> <li>• As per EN ISO11140-1.</li> </ul>	All can apply



S. No.	Item Name	Specification	Recommended Make
		<ul style="list-style-type: none"> <li>Should be leadfree.</li> </ul>	
403	Thermo seal Tape 18mm x 50mts	<ul style="list-style-type: none"> <li>Should sustain temperature of 1340C in anautoclave.</li> <li>Should not leave the adhesive behind aftersterilization.</li> <li>Crepe paper with natural rubber adhesive.</li> </ul>	All can apply
	Thermo seal Tape 24mm x 50mts		
	Thermo seal Tape 36mm x 50mts		
	Thermo seal Tape 48mm x 50mts		
404	Air Removal Chemical indicator for Bowie Dick PCD	<ul style="list-style-type: none"> <li>Chemical Indicator should pass the vacuum test.</li> <li>As per EN ISO11140.</li> <li>Should not change color in dryheat.</li> <li>Validated for steamsterilization.</li> </ul>	All can apply
405	PCD for self Contained BI for Autoclave	<ul style="list-style-type: none"> <li>Process Challenge Device made for holding biologicalIndicator.</li> <li>Should monitor hollow load insteam sterilization.</li> </ul>	All can apply
406	PCD for Plasma	<ul style="list-style-type: none"> <li>Process Challenge Device made for holding chemicalindicator.</li> <li>Metal PCD made of appropriatesize.</li> </ul>	All can apply
407	TUR Set for Irrigation	Made of non-toxic, medical grade, P.V.C. Y shaped set for Endoscopic irrigation during Trans-urethral Resection. Should have thumb operated clamps at both Y limbs. Distal end having flexible latex tubing for easy connection to Endoscopic channel.	All with ISO/BIS Standard can apply
408	Compression Tape (Latex Free and Bio-Compatible)	Width - 10 cm, length 4 mtr.	All can apply
409	Compression Tape (Latex Free and Bio-Compatible)	Width - 5 cm, length 4 mtr	All can apply
410	BIS Sensor (Pediatrics)		All can apply
411	Plastic Sheets (Wrapping Dead Body)	1. Size: 10 Feet x 5 Feet 2. Colour -Black	All can apply
412	Disposable Under Sheet	Size- 60x90 (±10%) , It should have self-releasing silicon adhesive at the edges for the proper fixation	All with ISO/BIS Standard can apply
413	Gauze Swab	1. Size - 5 cm x 5cm x 12 Ply 2. It should be sterilized 3. Should have 5 swab in onepack. 4. With X-Ray detectable thread in woven the gauze to promote safety. 5. Softandhighlyabsorbentgauzetoincrease efficiency,	All can apply
414	Gauze Swab	1. Size-7.5cmx7.5cmx12Ply 2. It should be sterilized 3. Should have 5 swab in onepack. 4. With X-Ray detectable thread in woven the gauze to promote safety. 5. Softandhighlyabsorbentgauzetoincrease efficiency	All can apply
415	Gauze Swab	1. Size-10cmx10cmx12Ply 2. It should be sterilized 3. Should have 5 swab in onepack. 4. With X-Ray detectable thread in woven the gauze to promotesafety.5.Softandhighlyabsorbent gauze to increase efficiency	All can apply
416	Gauze Swab with X-Ray detectable thread	1. Size - 5 cm x 5cm x 12 Ply 2. It should be sterilized 3. Should have 5 swab in onepack. 4. X-Ray detectable thread securely woven into gauze to promote safety. 5. Softandhighlyabsorbentgauzetoincrease efficiency	All can apply
417	Gauze Swab with X-Ray detectable thread	1. Size-7.5cmx7.5cmx12Ply 2. It should be sterilized 3. Should have 5 swab in onepack. 4. X-Ray detectable thread securely woven into gauze to promote safety. 5. Softandhighlyabsorbentgauzetoincrease efficiency	All can apply

S. No.	Item Name	Specification	Recommended Make
418	Gauze Swab with X-Ray detectable thread	1. Size - 10 cm x 10 cm x 12 Ply 2. It should be sterilized 3. Should have 5 swab in onepack. 4. X-Ray detectable thread securely woven into gauze to promote safety. 5. Soft and highly absorbent gauze to increase efficiency	All can apply
419	GYNAECOLOGY (ELBOW LENGTH) LATEX SURGICAL GLOVES STERILE POWDER FREE	Material : Natural Rubber Latex Colour : Creamy White Design : Hand Specific, Beaded Cuff, Micro rough textured Powder Content : 2 mg / dm <sup>2</sup> Extractable Protein Level : <50 micro gram/ dm <sup>2</sup> Sterilization : Ethylene Oxide / Gamma irradiated as per customer requirement Labeling : Shall comply with the corresponding labeling specification and customer requirement. Shelf Life : 3 years from the date of manufacture. Storage condition: Shall be stored in cool dry place and away from direct light	All can apply
420	SUPER PROTECTION DOUBLE PAIR GLOVES LATEX SURGICAL STERILE POWDER FREE	Material : Natural Rubber Latex Colour : Coloured (Inner Glove) & White (Outer Glove) Design : Hand Specific, Micro rough textured, Beaded Cuff Powder Content : 2mg max per one piece of gloves Extractable Protein Level : < 50 micro gram/dm <sup>2</sup> . Sterilization : Ethylene Oxide / Gamma irradiated as per customer requirement Labeling : Shall comply with the corresponding labeling specification and customer requirement. Shelf Life : 3 years from the date of manufacture. Storage condition: Shall be stored in cool dry place and away from direct light.	All can apply
421	Umbilical Cotton Tape	75 cm x 3 mm	All can apply
422	Salt Tablets (For RO Plant)	Should have minimum 99.9% Sodium Chloride	All can apply
423	Citrosteril Solution		All can apply
424	Purosteril Solution		All can apply
425	Haemodialysis fluid Part A with bicarbonate (Powder)		All can apply
426	Haemodialysis fluid Part A with bibag		All can apply
427	Haemodialysis fluid Part A (Potassium free) with bicarbonate (Powder)		All can apply
428	Haemodialysis Fluid Part A (Potassium free) with bibag		All can apply
429	Spike Adaptor		All can apply
430	Temperature Monitoring System Control	Temperature Monitoring System Sensors. • Dimension of Sensor : • 4.1cm (1.6 in) diameter, 0.5cm (0.2 in) Thick Compatible with Bair Hugger Temperature Monitoring Control Unit. • Medical Grade foam and adhesive, PET Flexible Circuit • US-FDA.	All can apply
431	Irrigation Pouch	V shaped Pouch composed of polyethylene plastic with an adhesive strip along the top to ensure it sticks to skin and other drapes. Pouch for fluid control during surgeries, connectable to a suction machine through molded exit- port so as to drain out the fluids and also have a filter strip to catch bone chips and tissues from sample collection, thus prevent spillage and contamination. Size 50 cm x 60 cm	All can apply
432	Latex free adhesive crepe bandage	10 cm, length 4 mtr	All can apply
433	Latex free adhesive crepe bandage	8 cm, length 4 mtr	All can apply
434	Advance PIV dressing sterile	Transparent semipermeable, breathable, water proof and viral barrier, synthetic blood penetration	All can apply

S. No.	Item Name	Specification	Recommended Make
		resistance, sterile, polyurethane film, peripheral IV dressing for Adult, reinforced with soft cloth borde and notch. Hypoallegenic pattern coated acrylic adhesive. It has a picture frame delivery system with 2 large extra sterile soft cloth tape strips for additional securement and compatability with ISO 10993 standard fr Biocompatability. size 6.5 * 7cm.	
435	Transparent, Porous, Plastic, Surgical Adhesive Tape	Size-0.5" x 10 Yard	All can apply
436	Transparent, Porous, Plastic, Surgical Adhesive Tape	Size-1"x 10 Yard	All can apply
437	Transparent, Porous, Plastic, Surgical Adhesive Tape	Size-2"x10 Yard	All can apply
438	Transparent, Porous, Plastic, Surgical Adhesive Tape	Size-3"x10 Yard	All can apply
439	Paper Based Adhesive Rolls 4 inch	9 mtr or more	All can apply
440	Latex Free Silk - Like Adhesive Tape for Endotracheal Tube Fixation	0.5",Should have ISO 10993 and and HCIPT certificate (For Skin irritation test)	All can apply
441	Latex Free Silk - Like Adhesive Tape for Endotracheal Tube Fixation	1",Should have ISO 10993 and and HCIPT certificate (For Skin irritation test)	All can apply
442	Latex Free Silk - Like Adhesive Tape for Endotracheal Tube Fixation	2",Should have ISO 10993 and and HCIPT certificate (For Skin irritation test)	All can apply
443	Latex Free Silk - Like Adhesive Tape for Endotracheal Tube Fixation	3",Should have ISO 10993 and and HCIPT certificate (For Skin irritation test)	All can apply
444	Percutaneous Dilatation Tracheostomy Set with Griggs forceps with Subglottic Suction Tracheostomy tube	With Griggs forceps, Size: 8	All can apply
445	Percutaneous Dilatation Tracheostomy Set with Griggs forceps with Subglottic Suction Tracheostomy tube	With Griggs forceps, Size: 9	All can apply
446	Percutaneous Dilatation Tracheostomy Set without Griggs forceps with Subglottic Suction Tracheostomy tube	Without Griggs Forceps, Size: 8	All can apply
447	Percutaneous Dilatation Tracheostomy Set without Griggs forceps with Subglottic Suction Tracheostomy tube	Without Griggs Forceps, Size: 9	All can apply
448	Percutaneous Dilatation Tracheostomy Set without Griggs forceps with Subglottic Suction Tracheostomy tube	single stage dialation percutaneous tracheostomy kit utilizing "Ciaglia technique"	European CE four digit genuine CE certified/USFDA approved
449	Ear irrigation syringe		All can apply
450	Epistaxis Balloons		All can apply
451	External Nasal Spints		All can apply
452	Non-sterile, Latex, Examination Gloves	Size: Small Size: Medium Size: Large Size: XL	All can apply
453	Laryngeal Keel (Silicon)		All can apply
454	Laryngeal Mould (Silicon)		All can apply
455	Dehydrated compressed non-absorbable hydroxylated polyvinyl acetate Ear wick		All can apply
456	Silicone tracheal stents	plain and with supported	all CE/USFDA approved companies
457	Montgomery T tube silicon	Size 4 Size: 6 Size: 8 Size: 10 Size: 12 Size: 14	all CE/USFDA approved companies
458	Dehydrated compressed non-absorbable hydroxylated polyvinyl acetate nasal pack8 cms with airway		All can apply
459	Dehydrated compressed non-absorbable hydroxylated polyvinyl acetate nasal pack8 cms with String		All can apply
460	Teflon & Titanium Stapes Piston	a.TEFLON STAPES PISTON      b.TITANIUMSTAPES	All can apply

S. No.	Item Name	Specification	Recommended Make
		PISTON	
461	Vascular venous coupler	1.5	All can apply
462	Vascular venous coupler	2	All can apply
463	Vascular venous coupler	2.5	All can apply
464	Vascular venous coupler	3	All can apply
465	Vascular venous coupler	3.5	All can apply
466	Vascular venous coupler	4	All can apply
467	Vascular venous coupler	4.5	All can apply
468	Vascular venous coupler	5	All can apply
469	Endotracheal tube for nerve monitoring	All sizes	All can apply
470	Silicone thyroplasty implants		All CE/FDA approved companies
471	TEFLON AND TITANIUM TOTAL OSSICULAR RECONSTRUCTION PROSTHESIS	a.TEFLON TOTAL OSSICULAR RECONSTRUCTION PROSTHESIS b.TITANIUM TOTAL OSSICULAR RECONSTRUCTION PROSTHESIS.	All can apply
472	TEFLON AND TITANIUM PARTIAL OSSICULAR RECONSTRUCTION PROSTHESIS	a.TEFLON PARTIAL OSSICULAR RECONSTRUCTION PROSTHESIS b.TITANIUM PARTIAL OSSICULAR RECONSTRUCTION PROSTHESIS.	All can apply
473	Goodys T tube ventilation tubes		All can apply
474	Ventilation Tubes (Grommet)		All can apply
475	Titanium microsurgery wire suture	3-0	All CE/FDA approved companies
		4-0	
		5-0	
		6-0	
476	Cotton wool - non absorbent	100 gm Pkt	All can apply
477	Cotton wool - non absorbent	200 gm Pkt	All can apply
478	Cotton wool - non absorbent	300 gm Pkt	All can apply
479	Cotton wool - non absorbent	400 gm Pkt	All can apply
480	Cotton wool - non absorbent	500 gm Pkt	All can apply
481	Gamjee Roll	Type: ( Cloth T-13), Size : 10 cm x 3 mtr	All can apply
482	Gamjee Roll	Type: ( Cloth T-13), Size : 15 cm x 3 mtr	All can apply
483	Gamjee Roll	Type: ( Cloth T-13) Size : 15cm x 2 mtr	All can apply
484	Gamjee Roll	Type: ( Cloth T-13) Size : 10 cm x 2 mtr	All can apply
485	Gamjee Roll	Type: ( Grade Pouch) Size :25cm x 3 mtr	All can apply
486	Gamjee Roll	Type: ( Grade Pouch) Size : 15cm x 3 mtr	All can apply
487	Gamjee Roll	Type : Cloth T-13 Size : 25 X 1	All can apply
488	Abdominal sponge with X-Ray detectable thread woven into sponge.	Size 25x25 (12 ply)	All can apply
489	Abdominal sponge with X-Ray detectable thread woven into sponge.	Size 20x20 (12 ply)	All can apply
490	Abdominal sponge with X-Ray detectable thread woven into sponge.	Size 15x15 (12 ply)	All can apply
491	Nappy for up to 5 kg		All can apply
492	Nappy for 5-10 kg		All can apply
493	Nappy for more than 10 kg		All can apply
494	Re-sealable plastic bag	4 x 6 cm (±10%)	All can apply
		10 x 15 cm (±10%)	
		25 x 30 cm (±10%)	
495	N-95 Mask	1. NIOSH or SITRA or DRDO approved 2. 4- layer construction 3. Soft inner lining 4. 100% natural rubber latex-free 5. Passes ASTM 160 mm Hg (ASTM level 3) 6. BFE(3)- ≥99% 7. PFE(0.1)- ≥ 99%	All can apply
496	Leak & Puncture resistant Sharps collectors with Brackets facilitating one handed disposal, satisfying NIOSH guidelines on Sharps disposal container, made of nontoxic colorants and compliance with CONEG heavy metal limits	1.5 QT	All can apply
497	Leak & Puncture resistant Sharps collectors with Brackets facilitating one handed disposal, satisfying NIOSH guidelines on Sharps disposal container, made of nontoxic colorants and compliance with CONEG heavy metal limits	5.4 QT	All can apply
498	Needle Cutter	Puncture resistant hard and can be locked ,No electricity required, Ability to cut the needle from the Hub of syringe.	All can apply

S. No.	Item Name	Specification	Recommended Make
499	Disposable enema kit		All can apply
500	Thermal paper roll for image printing		All can apply
501	Pig Tail Catheter	FR 6	All can apply
502	Pig Tail Catheter with stylet, length 20-25cm	FR 8	All can apply
503	Pig Tail Catheter with stylet, length 20-25cm	FR 10	bard, rusch, boston, bardia, devon (premier quality) or European CE four digit genuine CE certified/USFDA approved
504	Pig Tail Catheter with stylet, length 20-25cm	FR 12	bard, rusch, boston, bardia, devon (premier quality) or European CE four digit genuine CE certified/USFDA approved
505	Pig Tail Catheter with stylet, length 20-25cm	FR 14	bard, rusch, boston, bardia, devon (premier quality) or European CE four digit genuine CE certified/USFDA approved
506	Pig Tail Catheter with stylet, length 20-25cm	FR 16	bard, rusch, boston, bardia, devon (premier quality) or European CE four digit genuine CE certified/USFDA approved
507	Single puncture pigtail catheter	10 FR	bard, rusch, boston, bardia, devon (premier quality) or European CE four digit genuine CE certified/USFDA approved
508	Single puncture pigtail catheter	12 FR	bard, rusch, boston, bardia, devon (premier quality) or European CE four digit genuine CE certified/USFDA approved
509	Continuous transverse abdominis plane block kit with ultrasound visible cannula and multiorifice catheter		All can apply
510	ACD bag	500 ml	All can apply
511	<b>Blood Bag</b>  <b>Specification</b> Automated component separation devices (one main and one back up) compatible with the bags should be provided by the firm free of cost for processing. Manufacturer must comply with ISO 9001 and European CE or US-FDA, and provide proof of the same.	Quadruple	All can apply
		Triple	
		Double	
		With Integrated Leukofilter (Quadruple or Higher Configuration)	
512	Blood Bag For Blood Bank	Pediatric	All can apply
513	Blood Transfusion Drip Set		All can apply
514	Transfer bag with leukodepletion filter		All can apply
515	Transfer blood bag adult (300 ml)		All can apply
516	Transfer blood bag pediatric (100 ml)		All can apply
517	Single Blood Collection Bag (No satellite bag)	350 ml	All can apply
518	Single Blood Collection Bag (No satellite bag)	450 ml	All can apply
519	Cryogenic permanent markers Black		All can apply
520	Cryogenic permanent markers Blue		All can apply
521	Cryogenic permanent markers Red		All can apply
522	Cytofix spray		All can apply
523	Glass marking pencil blue, red and white		All can apply
524	Spirit swab containers		All can apply
525	Squeeze ball for donor grip during collection		All can apply
526	Lancet for Blood Collection		All can apply
527	Benedicts solution bottle 500 ml		All can apply
528	Double J ureteric stent with pusher	Both open ends, radio-opaque, Polyurethane Ureteral Stent with pusher for temporary internal drainage from the ureteropelvic junction to the bladder, 3-3.2 fr, 12-14 cm long,	All with ISO/BIS Standard can apply
529	Double J stent with pusher	Both open ends, radio-opaque, Polyurethane Ureteral Stent, for temporary internal drainage from the ureteropelvic junction to the bladder, 3.6-4 fr, 16-20 cm long	All with ISO/BIS Standard can apply
530	Double J stent with pusher	Both open ends, radio-opaque, Polyurethane Ureteral Stent, for temporary internal drainage from the ureteropelvic junction to the bladder, 4.6-5 fr, 24 cm long	All with ISO/BIS Standard can apply
531	Double J stent with pusher	Both open ends, radio-opaque, Polyurethane Ureteral Stent, for temporary internal drainage from the ureteropelvic junction to the bladder,	All with ISO/BIS Standard can apply

S. No.	Item Name	Specification	Recommended Make
		5.5fr, 24cm long	
532	Double J stent with pusher	Both open ends, radio-opaque, Polyurethane Ureteral Stent, for temporary internal drainage from the ureteropelvic junction to the bladder, 6fr, 24cm long	All with ISO/BIS Standard can apply
533	Double J stent with pusher	Both open ends, radio-opaque, Polyurethane Ureteral Stent, for temporary internal drainage from the ureteropelvic junction to the bladder, 6fr, 26cm long	All with ISO/BIS Standard can apply
534	Double J stent with pusher	Both open ends, radio-opaque, soft Silicon Ureteral Stent, for temporary internal drainage (3 or more months) from the ureteropelvic junction to the bladder, 5.5-6 fr, 24-26 cm long	All with ISO/BIS Standard can apply
535	Double J Stent with Pusher	Both open ends, radio-opaque, Ureteral Stent made of Carbothane or alternate quality material, for prolonged (>6 months) internal drainage from the ureteropelvic junction to the bladder, 5.5-6.5 fr, 24-26 cm long	All with ISO/BIS Standard can apply
536	Double J Stent with Pusher	Both open ends, radio-opaque, Polyurethane Ureteral Stent with pusher for temporary internal drainage from the ureteropelvic junction to the bladder, 2.5 fr, 12-14 cm long,	All with ISO/BIS Standard can apply
537	Negative Pressure Wound Therapy	Small Foam PU Dressing – 7.5 * 10 * 3 cm, 400 – 600 Micron, 1 Adhesive PU Drape, 1 Drainage Tube	All can apply'
538	Negative Pressure Wound Therapy	Medium Foam PU Dressing – 12.5 * 18 * 3 cm., 400-600 Micron, 2 Adhesive PU Drape, 1 Drainage Tube	All can apply'
539	Negative Pressure Wound Therapy	Large Foam PU Dressing – 15 * 26 * 3 cm., 400 – 600 Micron, 3 Adhesive PU Drape, 1 Drainage Tube	All can apply'
540	Negative Pressure Wound Therapy	XL Large Foam PU Dressing – 30 * 60 * 2 cm., 400–600 Micron, 4 Adhesive PU Drape, 1 Drainage Tube.	All can apply'
541	Negative Pressure Wound Therapy PVA White Foam	Small 10 * 15 * 1 cm., 200 – 450 Micron.	All can apply'
542	Canister with AQA Gel	500 ml	All can apply'
543	Bacteria Filter		All can apply'
544	Y-Connector		All can apply'
545	MAPC Tube		All can apply'
	a) All Dressings & accessories should be Gamma Sterilized with radiation marker & should be FDA / CE certified & DCGI approved. All the Dressings & accessories should be quoted separately. b) The company must provide minimum 5 nos. of Negative Pressure Wound Therapy System on loaner facility to the institute. The maintenance of the machines will be borne by company as free of cost as & when there is requirement of more machine, Company should provide the same. c) The negative pressure wound therapy system supplied on loaner facility should have following specification: i. The system should provide controlled, continuous or intermittent negative pressure in the range of – 20 mmHg to – 220 mmHg of HG. ii. The system should have alarm to alert the user of any blockage in the tube, pressure leakage, need to change the canister or any malfunctioning of the system. iii. The system should be light weight as not more than 1 kg., so that transfer is easy. iv. The system should have battery backup of at least 10Hrs. v. The system should be USFDA / CE approved. <b>Note:</b> The Company must have market standing certificate of at least 2 years & should submit performance certificate from at least 2 government hospital / organization / institute for negative pressure wound therapy system.		
546	<b>Hydrocolloid Dressing</b> (Sterile soft non-woven material with absorbent pad in the middle and the rest border area is with the special latex free adhesive and air and water vapour permeable. Dressing should be European CE approved.)	10 x 20 cm	All Can Apply
		10 x 10 cm	
		15 x 15 cm	
		20 x 20 cm	
		15 x 20 cm	
		12.5 x 12, 5 cm	
		17.5 x 17.5 cm	
		13 x 20 cm	
		5 x 20 cm	
547	<b>Burn dressing</b> <b>Infected Wound</b> (Nano crystalline silver dressing with Silcryst technology having sustained release of silver 70-100 ppm for 72 hours, made of Rayon polyester mesh sandwiched between Polyethylene layers binded with ultrasonic welds effective against MRSA & VRE & Superbug. USFDA/ CE approved )	10cm x 10cm	All Can Apply
		20cm x 40cm	
		40cm x 40cm	
		10cm x 120cm	

S. No.	Item Name	Specification	Recommended Make
548	<b>Burn dressing- low adherent, absorbent wound dressing</b> (A low adherent, absorbent wound dressing with polyester wound contact layer & central cotton / viscose highly absorbent layer; and an outer hydrophobic non-woven layer lowering risk of exudate strike-through & risk of fibre shed or new tissue cell growth from the wound into the absorbent pad. USFDA/CE approved)	10cm x10cm 20cm x 10cm 50cm x 7m	All Can Apply
549	<b>Self-Adhesive Silicone gel Sheet &amp; blocks</b> (Soft, self-adhesive, reusable silicone gel sheet made from occlusive silicone sheet Designed for use in the management of both existing and new hypertrophic scars and keloids. USFDA/ CE approved)	12cm x 6cm 2.5 x 3 cm 2.5 x 7.5 cm 2.75 x 15 cm 3 x 20 cm 10 x 10 cm 2.5 x 30 cm 12cm x 15cm-sheet	All Can Apply
550	<b>Wound Care Hydrocellular Foam Dressing with Silver</b> ( Actimicrobial Silicone Gel Adhesive Hydrocellular Foam Dressing consist of Triple layered structure consisting of Silver and Breathable polyurethane top film. USFDA/ CEapproved)	7.5x7.5cm 10x10cm 12.5x12.5cm 5 x 5 cm 15 x 15 cm 20 x 30 cm 17.5x17.5cm 50 x 54 cm 23 x 100 cm 2 x 45 cm Rope	All Can Apply
551	<b>Wound Care Hydrocellular Foam Dressing</b> (Silicone Gel Adhesive Hydrocellular Foam Dressing consist of Triple layered structure consisting of Breathable polyurethane top film. USFDA/ CE approved)	7.5x7.5cm 10x10cm 15 cms x 15 cm 12.5x12.5cm 17.5x17.5cm 21 x 21 cm 22.5 x22.5 cm 10x20 cm 10x25 cm 10x30 cm	All Can Apply
552	Partially-hydrated Amorphous Hydrogel	Amorphous Hydrogel in Applipak composing of 2.3% Carboxymethylcellulose 20.0% Propylene Glycol & Purified water, promotes rapid but gentle debridement of necrotic tissue. USFDA/CE Approved 25gm	All Can Apply
553	<b>Pressure Ulcer dressing- Sacrum Shape silicon adhesive hydrocellular dressing</b> (Silicone Gel Adhesive Hydrocellular Foam Dressing Sacrum consist of Triple layered structure consisting of Breathable polyurethane topfilm. USFDA/CE Approved)	16.8cm x 17.1cm 21.6cm x 23cm 18 x 18 cm 23 x 23 cm	All Can Apply
554	<b>Pressure Ulcer dressing- Heel Shape hydrocellular dressing</b> (Non Adhesive Hydrocellular Heel Dressing consist of Triple layered structure consisting of Breathable polyurethane top film-Heel Shape)	Heel Shape	All Can Apply
555	<b>Pressure ulcer Dressing -Multipurpose Silicone Gel Adhesive Hydrocellular Foam Dressing</b> (Silicone Gel Adhesive Hydrocellular Foam Dressing butterfly shape consist of Triple layered structure consisting of Breathable polyurethane top film,USFDA/ CE approved)	23 x 23.2 cm	All Can Apply
556	Transparent Borderd PIV dressing	Transparent film Reinforced Border, Deep notch and tape strip PIV dressings with pattern coatingof adhesive for higher breathability, Size 6 cm x 7 cm,	All Can Apply
557	Transparent Borderd PIV dressing	Transparent film Reinforced Border, Deep notch and tape strip PIV dressings with pattern coatingof adhesive for higher breathability, Size 7 cm x 9 cm,	All Can Apply
558	Transparent Borderd CVC dressings	Transparent film Reinforced Border, Deepnotch and tape strip CVC dressings with pattern coatingof	All Can Apply



S. No.	Item Name	Specification	Recommended Make
		adhesive for higher breathability , Size 8.5 cm x 11.5 cm	
559	Critical Tube Securement Tape	Pre-cut tape designed for ET tube securement with good initial and long-term adhesion, even under moist Conditions. Size 25.4cm x 5.4cm with Made of Soft Cloth Material, it should be water repellent.	All Can Apply
560	<b>Re enforced Skin closure strips</b> (Non-invasive skin closure strips with sterile, breathable, non-woven rayon backed microporous material reinforced with filaments for high tensile strength, all size Quote separately)	25mm x 125mm	All Can Apply
		12mm x 50mm	
		12mm x 100mm	
		6mm x 38mm	
		6mm x 75mm	
		6mm x 100mm	
		3mm x 75mm	
561	<b>Transparent Dressings</b> (Single, Sterile, Transparent, Semipermeable, water, bacterial & viral proof thin conformable polyurethane film; coated with water repellent hypoallergic pressure sensitive Acrylate adhesive with grid pattern with MVTR design.	6cm x 7cm,	All can apply
		5cm x 5.7cm,	
		7cm x 9cm,	
		8.5cm x 11.5 cm,	
		10cm x 12cm	
		10cm x 25cm	
		15cm x 20cm	
		20cm x 30cm	
562	<b>Transparent Dressings</b> with non adherent and waterproof Pad(Single, Sterile, Transparent, Semipermeable, water, bacterial & viral proof thin conformable polyurethane film; coated with water repellent hypoallergic pressure sensitive Acrylate adhesive with unique paper window frame delivery design. ISO-13485/2016	5cm x 7cm,	All can apply
		6cm x 10cm,	
		9cm x 10.5cm,	
		9cm x 10cm,	
		9cm x 15cm,	
		9cm x 20cm,	
		9cm x 25cm	
		9cm x 35cm	
563	<b>Paraffin Gauze dressing medicated</b> (Tulle Gras Paraffin Gauze dressing with Leano weave technology & broad spectrum activity 0.5%, effective against broad spectrum of Gram positive and Gram negative bacteria)	10cm x 30cm	All Can Apply
		15cm x 1m Roll	
		10 cm x 10 cm	
564	<b>Paraffin Gauze dressing</b> (Tulle Gras Paraffin Gauze dressing with Leano weave technology )	10cm x 10cm Tins	All Can Apply
		15cm X 2m Roll	
565	Multi-purpose tubular bandage adjusting to the contours of the body with different color coding for easy identification, Washable with three dimensional stretch technology	Tubigrip J Natural x 10m (Large Trunks) Tubigrip K Natural 10m Global (X Large Trunks) Tubigrip L Natural x 10m (XX Large Trunks) Tubigrip E Beige x 10m (large ankles/Medium knees/Small thighs) Tubigrip B Beige 10m Global (Small hands/Arms) Tubigrip D Beige x 10m (Large Arms/Medium Ankles/Small Knees) Tubigrip F Beige x 10m (Large Knees/medium thighs) Tubigrip G Beige x 10m (Large Thighs) ubigrip C Beige 10m Global (MediumArms/Small Ankles)	All Can Apply
566	<b>Self-Adhesive Absorbent Surgical Dressing with Self- adhesive</b> absorbent surgical dressing with soft silicone adhesive wound contact layer designed for exuding wounds with polyurethane foam as backing material water proof, bacterial proof, viral proof. Wound Pad absorption layer made up of Polycrylate fibres & Polyester fibres with high exudate absorption & retention capacity. Wound Pad comes with Flex Cut techonology for high dressing flexibility that support early patient surgical site mobility post surgery.Wound pad Acquisition & spreading layer made up of Polyethylene/Polypropylene fibres.A protective release liner made up of Polyethylene film.	6cmx8cm	All Can Apply
		9cmx10cm	
		10cmx15cm	
		10cmx20cm,	
		10cmx25cm	
		10cmx30cm	
		10cmx35cm	
567	Aspiration Needle 14g	15 cm length	All can apply
568	Aspiration Needle 16g	15 cm length	All can apply
569	Aspiration Needle 18g	15 cm length	All can apply



S. No.	Item Name	Specification	Recommended Make
570	Aspiration Needle 20g	15 cm length	All can apply
571	Aspiration Needle 21g	15 cm length	All can apply
572	Aspiration Needle 14g	21 cm length	All can apply
573	Aspiration Needle 16g	21 cm length	All can apply
574	Aspiration Needle 18g	21 cm length	All can apply
575	Aspiration Needle 20g	21 cm length	All can apply
576	Aspiration Needle 21g	21 cm length	All can apply
577	Baby Drape for Surgical Incision	A ) Translucent Soft Polyfilm B ) Size : 1.2 X 1.2 M C ) Incise Area : 25 X 20 CM	All can apply
578	Cytobrush / endocervical brush		All can apply
579	Glucosticks for Blood Glucose Measurement	One glucometer must be provided on FOC basis for every 300 glucosticks	All can apply
580	HIV Kit	AAMI LEVEL 4 Breathable & Fluid Resistant Gown with Bacterial filtration efficacy >= 99% with NFPA & CPSC-1610, Fluid shield mask (N95 surgical Mask, Protective Glass (Safe-View), Full coverage knee high boot (Hi Guard) with plastic Film coating over tri layer fabric & adhesive foam traction strips, Tri layer SMS fabric tie neck surgical Hood, Surgical Cap	All can apply
581	I D Band	Hospital patient identification wrist band made of soft synthetic rubber or silicone Size: Adult	All can apply
582	I D Band	Hospital patient identification wrist band made of soft synthetic rubber or silicone Size: Pediatric	
583	I.V. Cannula Transparent air permissible wash proof fixator		All can apply
584	Ileo stomy Bag 1 Pc with clips	One-piece open bag for colostomy/ileostomy with clamp size 15-60 mm	All can apply
585	Ileo stomy Bag 2 Pc with clips	Two-piece transparent drainable pouch with Hide away (Velcro) outlet with integrated Charcoal Filter with Base plate Spiral adhesive, belt ear at base plate, flex zones, Size- 40-45mm	All can apply
586	Ileo stomy Bag 2 Pc with clips	Two-piece transparent drainable pouch with Hide away (Velcro) outlet with integrated Charcoal Filter with Base plate Spiral adhesive, belt ear at base plate, flex zones, Size- 50-55mm	All can apply
587	Ileo stomy Bag 2 Pc with clips	Two-piece transparent drainable pouch with Hide away (Velcro) outlet with integrated Charcoal Filter with Base plate Spiral adhesive, belt ear at base plate, flex zones, Size- 60-70mm	All can apply
588	Colostomy Bag with clips	Self Adhesive with Skin Barrier 1 Piece system	All can apply
589	Colostomy Bag with clips	Self Adhesive with Skin Barrier 2 Piece System	All can apply
590	Ileo stomy Bag 1 Pc without clips	One-piece transparent drainable pouch with Hide away (Velcro) outlet with integrated Charcoal Filter with Spiral adhesive, Size- 12-75mm	All can apply
591	Ileo stomy Bag 2 Pc without clips	Self Adhesive with Skin Barrier Either 1 Piece or 2 Piece System	All can apply
592	Colostomy Bag without clips	Self Adhesive with Skin Barrier Either 1 Piece or 2 Piece System	All can apply
593	Colostomy Bag 2 Pc without clips	Self Adhesive with Skin Barrier Either 1 Piece or 2 Piece System	All can apply
594	Colostomy Bag (40mm-45mm)	Two piece Transparent drainable bag with Hide away (Velcro) outlet with integrated Charcoal Filter with free Rotating, Click coupling locking mechanism	All can apply
595	Colostomy Bag ( 50 mm-55mm)	Two piece Transparent drainable bag with Hide away (Velcro) outlet with integrated Charcoal Filter with free Rotating, Click coupling locking mechanism	All can apply
596	Colostomy Bag , (60 mm-70cm)	Two piece Transparent drainable bag with Hide away (Velcro) outlet with integrated Charcoal Filter with free Rotating, Click coupling locking mechanism	All can apply

S. No.	Item Name	Specification	Recommended Make
597	Adhesive remover spray	50 ML, Adhesive remover spray consist of hexamethyldisiloxane and cyclonenasiloxane silicone polymers for easy removal of the base plate, alcohol free, sting free 50 ml	All can apply
598	Cleanser	, Cleanser to clean skin exposed to intestinal secretions consist of Isopropyl alcohol, allantoin, natural coconut oil	All can apply
599	Barrier Cream	(60 ml-120ml), Cream to Maintain Peristomal PH value of skin contain magnesium citrate, Glycerine, petrolatum, Citric acid to moisturize and prevent damage to skin	All can apply
600	Ostomy powder	(25gms-29gms), Ostomy Powder with natural ingredients such as CMC, Guar Gum and Xanthan Gum for peristomal skin excoriation	All can apply
601	Paste	<b>60 GM, Non Alcoholic</b> Ostomy Paste for Filling and Sealing the peristomal skin around the stoma	All can apply
602	Belt	Belt to give Extra security for ostomy appliance adjustable, Flexible , Washable , made up of cotton means to connect to 2 piece pouch	All can apply
603	Lubricating Deodorant	(235ml-240 ml), Lubricating deodorant to neutralize odour and provide lubricating effect to ensure content at the bottom not around stoma for easier to empty bag	All can apply
604	Elastic Tape	Semicircular, Elastic Tape in semicircular shape with hydrocolloid adhesive for extra security of base plate	All can apply
605	Skin Barrier sheet	20*20 CM, Skin Barrier for healthy peristomal skin or risk of skin damage due to body secretions or skin damage already developed consist of Polyethylene, plasticizer, Polyamide, artificialResin, CMC, SIS	All can apply
606	Self-adhesive urisheath	25mm, Self adhesive urisheath with handy applicator, roll-out strip, anti kink outlet made up of natural latex compound	All can apply
607	Self-adhesive urisheath	30 mm, Self adhesive urisheath with handy applicator, roll-out strip, anti kink outlet made up of natural latex compound	All can apply
608	Self-adhesive urisheath	35 mm ,Self adhesive urisheath with handy applicator, roll-out strip, anti kink outlet made up of natural latex compound	All can apply
609	Convex base plate (50 mm-55mm)	Two piece Light Convex base plate / flange for colostomy/ ileostomy/ urostomy, self-adhesive baseplatewithcustomcutwithbeltars,Double Layer X-Pro Adhesive, Flex zones	All can apply
610	Convex base plate ( 60 mm-70mm)	Two piece Light Convex base plate / flange for colostomy/ ileostomy/ urostomy, self-adhesive baseplatewithcustomcutwithbeltars,Double Layer X-Pro Adhesive, Flex zones	All can apply
611	Urostomy bag 2 pc	Urostomy pouch with non-return valve, free rotating click coupling locking mechanism, multichambered design, tap and spout and cap & Two-piece base plate urostomy, self-adhesive base plate with custom cut with belt ears at baseplate, spiral adhesive, Flex zones . Size-40mm	All can apply
612	Two-piece base plate / flange for colostomy / ileostomy / urostomy, self-adhesive base plate with custom cut with belt ears, spiral adhesive, Flex zones	Size 40mm	All can apply
		Size 50mm	
		Size 60mm	
613	Two-piece base plate / flange for colostomy / ileostomy / urostomy, self-adhesive base plate with custom cut with belt ears, Double Layer X-Pro Adhesive	Size 40 mm	All can apply
		Size 50 mm	
		Size 60 mm	
614	Intraosseous needle	16 G, 3 cm	All can apply
		18 G, 3 cm	
		16 G, 4 cm	
		18 G, 4 cm	
615	Laparoscopic hernia mesh	Laprosopic inguinal anatomical Mesh with medial marking and laterally pointed Size 10.8 X 16cms (Right side)	All can apply

S. No.	Item Name	Specification	Recommended Make
616	Laparoscopic hernia mesh	Laprosopic inguinal anatomical Mesh with medial marking and laterally pointed Size 10.8 X 16cms (Left side)	All can apply
617	Surgical Blade	Size: 10 Size: 11 Size: 12 Size: 15 Size: 22 Size: 23 Size: 24 Size: 36	All can apply
618	Disposable Surgical Gown	Non woven 3 layer EO sterile surgical disposable gown. Fabric should be Alcohol Repellant (AATCC193-2012 Level 8) and Anti Static. Individually packed with 2 paper towels. Size XL (137 * 160 cm)	All can apply
619	Patient Transfer Device	1. It should be Disposable device for effortless transfer of patients from one bed to the other or from bed to stretcher and vice-versa without lifting the patient. 2. It should be require only one /two caregivers for a patient transfer and reduces transfer time by sliding the patient. 3. It should be simple, robust, high tensile quality product. 4. It should be infection free, smooth and comfortable for patient. 5. It should be maintenance free, storage or power sources required for Patient Transfer. 6. It should be spill proof and nontoxic. 7. It should not hurt the patient or care givers. 8. It should not be required Insertion underneath the patient for transfer. 9. It should be friction reducing device decreases physical strain to the users. 10. It should be Sterile – protects from infections & disposable that can controls cross-contamination.. 11. Size- 1200mm x 1800mm, Thickness- 3 to 5 mm.	All Can Apply
620	Mattress Protector	It should be reusable Medical Grade textile material. 02. It should have Breathability, Impermeable and spill proof to protect mattress and top surface 03. It should be super soft medical grade textile material with skin friendly feature. 04. It should have Antimicrobial, Anti rust, odour free and infection free. 05. It should be able to fit quickly fit. 06. It should be Ultra thin and should have dust mite barrier to avoid allergens to the patients. 07. It should have membrane protection quality to provide superior hygiene. 08. It should have 4 times absorption depending upon the weight of mattress 09. It should be Washable 100+ times and gives elasticity that allows perfect adaptation of body movements. 10. Size - 4 ft x 6 ft approx (Need to be made as per requirement). 11. It should at least Four colours.	All Can Apply
621	Disposable Sheet	Should be It should be Sterile & ETO Green Indicator, Size-120 x 210cm	All can apply
622	Urobag	capacity of bag 2 litre, tube length 100-120 cm, it should be smooth and kink resistant should have Efficient non-return valve with top outlet, should have Moulded handle, should have tapered connector which must snugly fit into outlet of foleys catheter, the tube must not get hard in extreme cold temperature.	All can apply

S. No.	Item Name	Specification	Recommended Make
623	Urometer	capacity of bag 2-3 litre with sepearte measuring container , tube length 100-120 cm, it should be smooth and kink resistant should have Efficient non-return valve with top outlet, should have Moulded handle, should have tapered connector which must snuggly fit into outlet of foleys catheter, the tube must not get hard in extreme cold temperature.	All can apply
624	Central Venous Catheters	Size: 4 Fr., 5 cm Should have USFDA or European CE	All can apply
625	Central Venous Catheters	Size: 4.5 Fr., 5 cm Should have USFDA or European CE	All can apply
626	Central Venous Catheters	Size: 5 Fr., 5 cm Should have USFDA or European CE	All can apply
627	Central Venous Catheters	Size: 5.5 Fr., 5 cm Should have USFDA or European CE	All can apply
628	Central Venous Catheters	Size: 6 Fr., 5 cm Should have USFDA or European CE	All can apply
629	Central Venous Catheters	Size: 4 Fr., 6 cm Should have USFDA or European CE	All can apply
630	Central Venous Catheters	Size: 4.5 Fr., 6 cm Should have USFDA or European CE	All can apply
631	Central Venous Catheters	Size: 5 Fr., 6 cm Should have USFDA or European CE	All can apply
632	Central Venous Catheters	Size: 5.5 Fr., 6 cm Should have USFDA or European CE	All can apply
633	Central Venous Catheters	Size: 6 Fr., 6 cm Should have USFDA or European CE	All can apply
634	Central Venous Catheters	Size: 4 Fr., 8 cm Should have USFDA or European CE	All can apply
635	Central Venous Catheters	Size: 4.5 Fr., 8 cm Should have USFDA or European CE	All can apply
636	Central Venous Catheters	Size: 5 Fr., 8 cm Should have USFDA or European CE	All can apply
637	Central Venous Catheters	Size: 5.5 Fr., 8 cm Should have USFDA or European CE	All can apply
638	Central Venous Catheters	Size: 6 Fr., 8 cm Should have USFDA or European CE	All can apply
639	Central Venous Catheters	Size: 4 Fr., 10 cm Should have USFDA or European CE	All can apply
640	Central Venous Catheters	Size: 4.5 Fr., 10 cm Should have USFDA or European CE	All can apply
641	Central Venous Catheters	Size: 5 Fr., 10 cm Should have USFDA or European CE	All can apply
642	Central Venous Catheters	Size: 5.5 Fr., 10 cm Should have USFDA or European CE	All can apply
643	Central Venous Catheters	Size: 6 Fr., 10 cm Should have USFDA or European CE	All can apply
644	Central Venous Catheters	Size: 4 Fr., 12.5 cm or above, Should have USFDA or European CE	All can apply
645	Central Venous Catheters	Size: 4.5 Fr., 12.5 cm Should have USFDA or European CE	All can apply
646	Central Venous Catheters	Size: 5 Fr., 12.5 cm or above, Should have USFDA or European CE	All can apply
647	Central Venous Catheters	Size: 5.5 Fr., 12.5 cm Should have USFDA or European CE	All can apply
648	Central Venous Catheters	Size: 6 Fr., 12.5 cm Should have USFDA or European CE	All can apply
649	Central Venous Catheters	Size: 4 Fr., 13 cm Should have USFDA or European CE	All can apply
650	Central Venous Catheters	Size: 4.5 Fr., 13 cm Should have USFDA or European CE	All can apply
651	Central Venous Catheters	Size: 5 Fr., 13 cm Should have USFDA or European CE	All can apply
652	Central Venous Catheters	Size: 5.5 Fr., 13 cm Should have USFDA or European CE	All can apply
653	Central Venous Catheters	Size: 6 Fr., 13 cm Should have USFDA or European CE	All can apply
654	Central Venous Catheters	Size: 4 Fr., 16 cm Should have USFDA or European CE	All can apply
655	Central Venous Catheters	Size: 4.5 Fr., 16 cm Should have USFDA or European CE	All can apply
656	Central Venous Catheters	Size: 5 Fr., 16 cm Should have USFDA or European CE	All can apply
657	Central Venous Catheters	Size: 5.5 Fr., 16 cm Should have USFDA or European CE	All can apply
658	Central Venous Catheters	Size: 6 Fr., 16 cm Should have USFDA or European	All can apply

S. No.	Item Name	Specification	Recommended Make
		CE	
659	Central Venous Catheters	Size: 4 Fr., 15 cm Should have USFDA or European CE	All can apply
660	Central Venous Catheters	Size: 4.5 Fr., 15 cm Should have USFDA or European CE	All can apply
661	Central Venous Catheters	Size: 5 Fr., 15 cm Should have USFDA or European CE	All can apply
662	Central Venous Catheters	Size: 5.5 Fr., 15 cm Should have USFDA or European CE	All can apply
663	Central Venous Catheters	Size: 6 Fr., 15 cm Should have USFDA or European CE	All can apply
664	Central Venous Catheters	Size: 4 Fr., 20 cm Should have USFDA or European CE	All can apply
665	Central Venous Catheters	Size: 4.5 Fr., 20 cm Should have USFDA or European CE	All can apply
666	Central Venous Catheters	Size: 5 Fr., 20 cm Should have USFDA or European CE	All can apply
667	Central Venous Catheters	Size: 5.5 Fr., 20 cm Should have USFDA or European CE	All can apply
668	Central Venous Catheters	Size: 6 Fr., 20 cm Should have USFDA or European CE	All can apply
669	Central Venous Catheters	Size: 4 Fr., 30 cm Should have USFDA or European CE	All can apply
670	Central Venous Catheters	Size: 4.5 Fr., 30 cm Should have USFDA or European CE	All can apply
671	Central Venous Catheters	Size: 5 Fr., 30 cm Should have USFDA or European CE	All can apply
672	Central Venous Catheters	Size: 5.5 Fr., 30 cm Should have USFDA or European CE	All can apply
673	Central Venous Catheters	Size: 6 Fr., 30 cm Should have USFDA or European CE	All can apply
674	Central Venous Catheters	Size: 2.5Fr., 5 cm Should have USFDA or European CE	All can apply
675	Central Venous Catheters	Size: 3 Fr., 5 - 10 cm Should have USFDA or European CE	All can apply
676	Central Venous Catheters	Size: 3.5 Fr., 5-10 cm Should have USFDA or European CE	All can apply
677	Triple Lumen Central Venous catheter -	Size-5.5FrX08cm ,It should have Radioopaque Polyurethane with Flex tip, intergral extension line, extension line clamp and internal suture wing ,It should have Nitinol guide wire, soft tip on one end and J-Tip on other with advancer Size 0.021"X50 cm, ,It should have Nitinol Guide wire introduction syringe ,It should have accessories as below,Introducer Needle,Vessel dialator,Injection Cap,7" Injection Needle,5 ml Syringe,12" injection Needle,11" Scalpel,7/7.5,USFDA/EuropeanCE approved	All can apply
678	Triple Lumen Central Venous catheter	Size- - 4.5FrX06cm ,It should have Radioopaque Polyurethane with Flex tip, intergral extension line, extension line clamp and internal suture wing ,It should have Nitinol guide wire, soft tip on one end and J-Tip on other with advancer Size 0.021"X50 cm, ,It should have Nitinol Guide wire introduction syringe ,It should have accessories as below,Introducer Needle,Vessel dialator,Injection Cap,7" Injection Needle,5 ml Syringe,12" injection Needle,11" Scalpel,7/7.5 USFDA/EuropeanCE approved	All can apply
679	Cuffed E. T. Tube Size	Size 4	All can apply
680	Cuffed E. T. Tube Size	Size 4.5	All can apply
681	Cuffed E. T. Tube Size	Size 5	All can apply
682	Closed luer IV access system with silicone split septum, straight unobstructed fluid path, no moving parts and transparent housing. 15cm Macro & Micro Bore Tri-Extension Set with 3 needle free connectors	Length 10 cm	All can apply

S. No.	Item Name	Specification	Recommended Make
683	Arterial Cannula	Sizes-14 G, Should be USFDA/CE Approved	All can apply
684	Arterial Cannula	Sizes-16 G, Should be USFDA/CE Approved	All can apply
685	Arterial Cannula	Sizes-18G, Should be USFDA/CE Approved	All can apply
686	Arterial Cannula	Sizes-20 G, Should be USFDA/CE Approved	All can apply
687	Arterial Cannula	Sizes-22 G, Should be USFDA/CE Approved	All can apply
688	Intravenous Cannula	Sizes-14G, Made of Polyurethane and Latex Free, should have sharp needle technology.	All can apply
689	Intravenous Cannula	Sizes-16 G, Made of Polyurethane and Latex Free, should have sharp needle technology.	All can apply
690	Intravenous Cannula	Sizes-18 G, Made of Polyurethane and Latex Free, should have sharp needle technology.	All can apply
691	Intravenous Cannula	Sizes-20 G, Made of Polyurethane and Latex Free, should have sharp needle technology.	All can apply
692	Intravenous Cannula	Sizes-22 G, Made of Polyurethane and Latex Free, should have sharp needle technology.	All can apply
693	Intravenous Cannula	Sizes-24 G, Made of Polyurethane and Latex Free, should have sharp needle technology.	All can apply
694	I. V. Cannula with Safety Needle Guard	Size-18 G, Made of Polyurethane and Latex Free, should have sharp needle technology.	All can apply
695	I. V. Cannula with Safety Needle Guard	Size-20G, Made of Polyurethane and Latex Free, should have sharp needle technology.	All can apply
696	I. V. Cannula with Safety Needle Guard	Size-22 G, Made of Polyurethane and Latex Free, should have sharp needle technology.	All can apply
697	I. V. Cannula with Safety Needle Guard	Size-26 G, Made of Polyurethane and Latex Free, should have sharp needle technology.	All can apply
698	I. V. Cannula with Safety Needle Guard	Size-24 G, Made of Polyurethane and Latex Free, should have sharp needle technology.	All can apply
699	Non Ported IV catheter with instafash technology for instant flash back, Catheter made up of vialon material with indwelling time of up to 96 hours, catheter material consist of radio opaque strips for better visualization during CT scan, catheter flow rate of 19ml/min	Sizes-24	All can apply
700	Non Ported IV catheter with instafash technology for instant flash back, Catheter made up of vialon material with indwelling time of up to 96 hours, catheter material consist of radio opaque strips for better visualization during CT scan, catheter flow rate of 19ml/min	Sizes-26	All can apply
701	Pipelle's Endometrial suction curette	3.1 mm outer diameter With internal piston Disposable & sterilely packed Made of medical grade, latex free polypropylene plastic	All can apply
702	Umbilical cord clamp		All can apply
703	Ureteric Catheter	5 Fr 70cm Long both end open	Devon, cook , boston or other with European CE four digit genuine CE certified/USFDA approved
704	Ureteric Catheter	6 Fr 70cm Long both end open	Devon, cook , boston or other with European CE four digit genuine CE certified/USFDA approved
705	Ureteric Catheter	3 Fr 70cm Long both end open	Devon, cook , boston or other with European CE four digit genuine CE certified/USFDA approved
706	Ureteric Catheter	4 Fr 70cm Long both end open	Devon, cook , boston or other with European CE four digit genuine CE certified/USFDA approved
707	Amplatz PCNL Dilator Set	Devon, cook , boston or other with European CE four digit genuine CE certified/USFDA approved	All can apply
708	PCN Pigtail Catheter	Size: 6 Fr.	All can apply

S. No.	Item Name	Specification	Recommended Make
	High quality polyurethane PCN pigtail catheter with durable stylet to be pushed over guide wire. Highly radiopaque for better visualization	Size: 8 Fr.	
		Size: 10 Fr.	
		Size: 12 Fr.	
		Size: 14 Fr.	
709	PCN Dilator Set	6 Fr – 18 Fr	All can apply, must have European CE four digit genuine CE certified/USFDA approved
710	PCNL radiopaque dilator set	6 fr to 30 fr with 2 fr increments (amplatz type) with cobra catheter	all can apply, should have European 4 digit notification/ FDA approved
711	PCNL puncture needle 2 piece	16 cm , 18 G needle , diamond tip	All can apply, must have European CE four digit genuine CE certified/USFDA approved
712	PCN puncture needle	18G, 10 cm long bevelled tip	All can apply, must have European CE four digit genuine CE certified/USFDA approved
713	PCN puncture needle	18G, 11 cm long bevelled tip	All can apply, must have European CE four digit genuine CE certified/USFDA approved
714	PCN puncture needle	18G, 12 cm long bevelled tip	All can apply, must have European CE four digit genuine CE certified/USFDA approved
715	PCNL ALLIGATOR FORCEP	10 AND 12 FR, BOTH jaw opens	All can apply
716	PATH FINDER	Irrigating pump during ureteroscopy with hand control, made of PVC, transparant, one end must be lockable with side channel of ureteroscope.	All can apply, must have European CE four digit genuine CE certified/USFDA approved
717	Ellik's Evacuator	With single chamber	Apply can apply
718	TURP Cutting Loops	For monopolar current single stem	Apply can apply
719	<b>PCN Malecot Catheter</b> High quality polyurethane PCN malecot catheter with durable stylet to be pushed over guide wire. Highly radiopaque for better visualization	6 FR	All can apply, must have European CE four digit genuine CE certified/USFDA approved
		8 FR	
		10 FR	
		12 FR	
		14 Fr	
720	VIU Knife	for 21 fr sheath of karl storz	All can apply
721	PCNL Drape Set with Iodine Impregnated Window	A) MATERIAL : 68- 77 GSM SPUN LACE FABRIC WATER REPELLANT B) SHEET SIZE : 1.5 X 2.75 M C) INCISION AREA : 20 X 25 CM DRAINAGE FUNNEL WITH FILTERING MESH 2 TUBE & CABLE HOLDERS D) POLY SHEET LINING : 1.20 X 1.20 M	All can apply
722	TURP Drape Set	A) MATERIAL : 68- 77 GSM SPUN LACE FABRIC WATER REPELLANT B) SHEET SIZE : 1.5 X 1.6 M C) APERTURE : 8 CM DIA DRAINAGE FUNNEL WITH FILTERING MESH D) FOR TRANS URETHRAL RESECTION OF PROSTATE	All can apply
723	Laparoscopic drape with Iodine Impregnated Window	MATERIAL : 68- 77 GSM SPUN LACE FABRIC WATER REPELLANT 1. Laparoscopic / Cholecystectomy Drape, 102in. x 76in. x 120in. 2. 12in. x 13in. abdominal fenestration 3. Line control flaps 4. CONTROL Plus Fabric Reinforcement 5. Tube holders 6. Arm board covers 7. Instrument pouches	All can apply
724	Double Lumen Dialysis catheters	Should have- Two lumens of Double-D design Should have- laser Cut Side slots to avoid positional occlusion Should have- Clear Silicon Extensions Should have- sizes 11.5 Fr x 13.5 cm/11.5 Fr x 16 cm/11.5 Fr x 19cm Should have- 2 dilators in the pack Should have- Straight and Curved Extensions Kits Should have USFDA and CE certified	All can apply
725	Triple Lumen Dialysis catheters	Should have- Three lumens of Modified Double-D design Should have- laser Cut Side slots to avoid positional occlusion Should have- Clear Silicon Extensions Should have- sizes 12 Fr x 13.5 cm/12 Fr x 16 cm Should have- 2 dilators in the pack Should have- Curved Extensions Kits Should have USFDA and CE certified	All Can Apply
726	Swan Neck Tenckhoff Catheter, Left	Should have 2 Cuff Should have a pre-formed 180° angle designed to keep both the internal and external portions of the catheter positioned downward Catheter Length 43 cm Catheter Style Swan Neck, Tenckhoff Material – Silicon Should have USFDA & CE certified	All Can Apply

S. No.	Item Name	Specification	Recommended Make
727	Swan Neck Tenckhoff Catheter, Right	Should have 2 Cuff Should have a pre-formed 180° angle designed to keep both the internal and external portions of the catheter positioned downward Catheter Length 43 cm Catheter Style Swan Neck, Tenckhoff Material–Silicon Should have USFDA & CE certified	All can apply
728	Pediatric Swan Neck Tenckhoff Catheter, Right	Should have 2 Cuff Should have a pre-formed 180° angle designed to keep both the internal and external portions of the catheter positioned downward Catheter Length 37.5 cm Tenckhoff Catheter Style Swan Neck, Material – Silicon Should have USFDA & CE certified	All can apply
729	Straight Tenckhoff catheter	Should have 2 Cuff Should have a pre-formed 180° angle designed to keep both the internal and external portions of the catheter positioned downward Catheter Length 41, 42,43cm Material – Silicon Should have USFDA & CE certified	All can apply
730	Tunneled Dialysis catheters	Should have – Two lumens of Double –D design Should not have side holes with staggered tip design Should have – Carbothane material Should have – sizes 14.5 Fr with 19, 23cm in length. With shotgun design Should have – Vessel dilator with Flow guard to avoid blood spilling orembolism Should have – US FDA & CE certified.	All can apply
731	<b>Low Flux Hemodialyzer with tubing</b> <b>Specification:</b> Low flux dialyzers should made of high performance membrane and hollow fiber type.   2. Low flux dialyzer is usually defined as Ultrafiltration coefficient (KUF) is < 25 ml/h/mmHg and $\beta$ 2-M clearance < 20 ml/min.   3. Should be compatible with most hemodialysis machines.   4. Membrane should be made high biocompatible materials such as Polysulfone and Polyethersulfone.   5. Housing should be made of Polycarbonate or Polypropylene   6. Potting Compound should be Polyurethane   7. Performance related parameters should be specified for each dialyzer separately along with cost of each unit. · Priming volume · UF coefficient · Clearance data (Urea, Creatinine, Phosphate, Vitamin B12)   8. Dialyzers should have endotoxin retaining characteristics   9. Dialyzers should be of multiple use type and single use type both compatible with most reprocessing machines and reprocessing fluids.   10. Sterilization Method: Steam or electron beam or gamma radiation.   11. Should have caps for blood inlet and outlet ports for safer storage.   12. Should have caps for dialysate inlet and outlet for safer storage.   13. Dialyzers should meet European CE or US FDA an+H99d ISO standards	Effective surface area 0.8 sqm. Effective surface area 1.0 sqm. Effective surface area 1.3 sqm. Effective surface area 1.6 sqm. Effective surface area 1.8 sqm. Effective surface area 1.4 sqm. Effective surface area 1.0 sqm.  Effective surface area 0.2 sqm.	All can apply
732	<b>High Flux Hemodialyzer</b> <b>Specification:</b> 1. High flux dialyzers should made of high performance membrane and hollow fiber type.   2. High flux dialyzer is usually defined as Ultrafiltration coefficient (KUF) is > 20 ml/h/mmHg and $\beta$ 2-M clearance > 20 ml/min.   3. Should be compatible with most hemodialysis machines.   4. Membrane should be made high biocompatible materials such as Polysulfone and Polyethersulfone.   5. Housing should be made of Polycarbonate or Polypropylene   6. Potting Compound should be Polyurethane   7. Performance related parameters should be	Effective surface area 0.6 sqm. Effective surface area 1.3 sqm. Effective surface area 1.4 sqm. Effective surface area 1.6 sqm. Effective surface area 1.8 sqm. Effective surface area 2.0 sqm.  Effective surface area 2.2 sqm.	All can apply



S. No.	Item Name	Specification	Recommended Make
	specified for each dialyzer separately along with cost of each unit.   · HD or HF or HDF   · Surface area (all available options)   · Priming volume · UF coefficient   · Clearance data (Urea, Creatinine, Phosphate, Vitamin B12)   · Dialyzers should have endotoxin retaining characteristics   9. Dialyzers should be of multiple use type and single use type both compatible with most reprocessing machines and reprocessing fluids.   10. Sterilization Method: Steam or electron beam or gamma radiation   11. Should have caps for blood inlet and outlet ports for safer storage.   12. Should have caps for dialysate inlet and outlet for safer storage.   13. Dialyzers should meet European CE or US FDA and ISO standards		
733	Dialysis fluid	Part A	All can apply
734	Dialysis fluid dry concentrate (part A and B)	Part B	
735	MHAB 1	MODIFIED HYDROXYAPATITE BLOCKS BLOCK SIZE ( IN CMS) 1 X 0.5 X 0.5 ( 20NOS) STERILE : GAMMA	All can apply, must have European CE four digit genuine CE certified/USFDA approved
736	MHAB 2	MODIFIED HYDROXYAPATITE BLOCKS BLOCK SIZE ( IN CMS) 1 X 1 X 2 ( 5 NOS) STERILE : GAMMA	All can apply, must have European CE four digit genuine CE certified/USFDA approved
737	SHAP 1	SYNTHETIC HYDROXYAPATITE POWDER ( 1 CC PACK) CONTENTS : 1 CC POWDER PARTICLE SIZE LESS THAN : 0.1MM STERILE : GAMMA	All can apply, must have European CE four digit genuine CE certified/USFDA approved
738	MHAG 11	MODIFIED HYDROXYAPATITE GRANULES CONTENTS : 1.0 CC GRANULES PARTICLE SIZE 0.1- 0.4MM STERILE : GAMMA	All can apply, must have European CE four digit genuine CE certified/USFDA approved
739	MHAG 21	MODIFIED HYDROXYAPATITE GRANULES CONTENTS : 1.0 CC GRANULES PARTICLE SIZE 0.4 - 0.9MM STERILE : GAMMA	All can apply, must have European CE four digit genuine CE certified/USFDA approved
740	SHAG 31	SYNTHETIC HYDROXYAPATITE GRANULES CONTENTS : 1.0 CC GRANULES PARTICLE SIZE 0.8- 1.8 MM STERILE : GAMMA	All can apply, must have European CE four digit genuine CE certified/USFDA approved
741	KNEE O DRAPE	1. MS Fabric and dimension 90 x 131in. 2. Fenestration - One 2.5 in. Conformable Circular 3. Fabric Tube Holders 4. CONTROL* Plus Fabric Reinforcement	All can apply, must have European CE four digit genuine CE certified/USFDA/ ISO 13485 approved
742	BILATERAL KNEE O DRAPE KIT	1. Bilateral Limb Drape with Armboard Covers, 116 in. x 88 in. x 144 in. 2. Armboard covers 3. CONTROL* Plus Fabric Reinforcement 4. Two - 2.5 in. conformable, circular fenestrations 5. Tube holders	All can apply, must have European CE four digit genuine CE certified/USFDA/ ISO 13485 approved
743	HIP U DRAPE	1. SMS Fabric and dimension 76in.x120in. 2. 4 in. x 40 in. split 3. CONTROL* Plus Fabric Reinforcement, 24 in. x 48 in. 4. Tube holders 5. 1.5 in. adhesive tape	All can apply, must have European CE four digit genuine CE certified/USFDA/ ISO 13485 approved
744	ELBOW O DRAPE	ELBOW O DRAPE MATERIAL : 40 - 50 GSM POLYETHYLENE WATER REPELLANT STERILE : EO ETO EXPOSED SIZE : 120 X 150 CM APERTURE DIA: 5 CM POLY SHEET LINING : 120 X 120 CM	All can apply, must have European CE four digit genuine CE certified/USFDA/ ISO 13485 approved
745	SHOULDER U DRAPE	1. 2-Piece Shoulder Arthroscopy Drape Pack 2. Body Split Drape, 88 in. x 116in. 3. 4 in. x 27 in. split 4. SMS Fabric with CONTROL* Plus Fabric	All can apply, must have European CE four digit genuine CE certified/USFDA/ ISO 13485 approved

S. No.	Item Name	Specification	Recommended Make
		Reinforcement 5. Tube holders 6. Shoulder Arthroscopy Drape, 100 in. x 62 in. 7. Fluid collection pouch with suctionports 8. Tubeholders	
746	KNEE ARTHROSCOPY DRAPE	1. Knee Arthroscopy Drape, 90 in. x 124in. 2. SMA Fabric with Fluid collection pouch with suction port 3. 2.5 in. conformable, circularfenestration 4. Tubeholders	All can apply, must have European CE four digit genuine CE certified/USFDA/ ISO 13485 approved
747	CLING DRAPE	CLING DRAPE STERILE : EO ETO EXPOSED MATERIAL : TRANSPARENT NATURAL COLOR CLING FILM SIZE : 15 x 500 cm CONTENT : ONE DRAPE KIT	All can apply, must have European CE four digit genuine CE certified/USFDA/ ISO 13485 approved
748	LAMINO SPINAL DRAPE	DISPOSABLE LAMINO SPINAL DRAPE MATERIAL : 50 GSM POLYLROLYLENE WATER REPELLANT STERILE : EO ETO EXPOSED SIZE : 150 X 300 CM ADHESIVE : 15 X 35 CM POLY SHEET LINING : 120 X 120 CM	All can apply, must have European CE four digit genuine CE certified/USFDA/ ISO 13485 approved
749	Shoulder U-drape	1. 2-Piece Shoulder Drape Pack 2. Body Split Drape, 88 in. x 116in. 3. 4 in. x 27 in. split 4. SMS Fabric with CONTROL* Plus Fabric Reinforcement 5. Tube holders 6. Shoulder Arthroscopy Drape, 100 in. x 62 in 7. Tube holders 8. USFDAApproved.	All can apply, must have European CE four digit genuine CE certified/USFDA/ ISO 13485 approved
750	CAESARIAN DRAPE	Cesarean / Abdominal Fluid Collection Drape, 100 in. x 72 in. x 120in. 15 in. x 13 in. adhesive incise area 360 – degree fluid collection pouch, foam band with suction port Tube holders, Armboard covers	All can apply, must have European CE four digit genuine CE certified/USFDA/ ISO 13485 approved
751	CRANIOTOMY DRAPE	"CRANIOTOMY DRAPE MATERIAL : 50 GSM POLYLROLYLENE WATER REPELLANT STERILE : EO ETO Exposed SIZE : 150 X 320 CM ADHESIVE AREA : 20 CM DIA" "1 1.Craniotomy Drape with Pouch, 122 in. x 74 in. x 134in. 2. CONTROL* Plus FabricReinforcement 3. 8 in. x 12 in. ovalfenestration 4. Clear, gusseted anesthesiapanel 5. Screen and suctionport 6. SMSFabric 10% variation acceptable	All can apply
752	Operating Microscope DRAPE ( Zeiss Pentero 900 & Leica OH 6)	OPERATING MICROSCOPE DRAPE WITH Three PAIR LENS COVER STERILE : EO ETO EXPOSED SIZE : 100 X 160CM	All can apply
753	EX TERNAL DRAINAGE SYSTEM (VENTRICULAR)	EX TERNAL DRAINAGE SYSTEM STERILE : EO ETO EXPOSED CONTENTS : ONE VENTRICULAR CATHETER WITH STYLET, ONE TROCAR, ONE BUTTERFLY CONNECTOR & ONE EXTERNAL DRAINAGE KIT	All can apply
754	EX TERNAL DRAINAGE SYSTEM (LUMBAR)	EXTERNAL DRAINAGE SYSTEM STERILE : EO	All can apply

S. No.	Item Name	Specification	Recommended Make
		ETO EXPOSED CONTENTS: ONE LUMBAR CATHETER 30 CM LONG WITH STYLET, ONE 14 GAUGE LP NEEDLE AND ONE EXTERNAL DRAINAGE KIT	
755	Y CONNECTOR (for CSF Drainage Kit)	Y' CONNECTOR WITH EXTRA LARGE VENTRICULAR CATHETER CONTENTS : ONE Y CONNECTOR , ONE VENTRICULAR CATHETER 30 CM LONG WITH STYLET STERILE : EO ETO EXPOSED	All can apply
756	HEAD & EYE SHIELD WITH HOOK	HELMET COVER TO PROTECT OPERATING TEAM FROM INFECTION OF PATIENT STERILE : EO ETO EXPOSED	All can apply
757	PLAIN DRAPE SMALL	PLAIN DRAPE SMALL SIZE MATERIAL : 25 MICRON THICK PE HYGIENE FILM ONE DRAPE SIZE : 150 X 120 CM STERILE : EO ETO EXPOSED	All can apply
758	PLAIN DRAPE LARGE	PLAIN DRAPE LARGE SIZE MATERIAL: 25 MICRON THICK PE HYGIENE FILM ONE DRAPE SIZE : 210 X 120 CM STERILE : EO ETO EXPOSED	All can apply
759	NEUROSURGICAL PATTIES	NEUROSURGICAL PATTIES STERILE : EO ETO EXPOSED SIZES : 20 X 20 CM SIZES : 20 X 30 CM SIZES : 50x70 mm SIZES: 60x80mm (10%)	All can apply
760	HALF GOWNS	HALF GOWNS STERILE : EO ETO EXPOSED MATERIAL : 25 MICRON THICK PE HYGIENE FILM CONTENT : ONE HALF GOWN	All can apply
761	MAYO TROLLY COVER	TROLLY COVER MATERIAL : 25 MICRON THICK PE HYGIENE FILM STERILE : EO ETO EXPOSED SIZE : 110 X 100 CM	All can apply
762	Steri-Drape Medium Drape Sheet	Size -size 183cm x 183cm with Adhesive liner High barrier reinforced laminate of polypropylene nonwoven and a polyethylene film across the entire drape material. It should be low-linting, non-breathable with an adhesive area, Containing hypoallergenic acrylate type adhesive covered with a silicone coated paper liner and should also comply with the requirements of ISO 13485:2003 and ISO 9001:2008. It Should be EPD Certified	All can apply
763	Steri-Drape Adhesive Drape	Size-size 91.5cm x 100cm with adhesive liner pack of Two Sheet in 1 Sterile pack High barrier reinforced laminate of polypropylene nonwoven and a polyethylene film across the entire drape material. It should be low-linting, non-breathable with an adhesive area, Containing hypoallergenic acrylate type adhesive covered with a silicone coated paper liner and should also comply with the requirements of ISO 13485:2003 and ISO 9001:2008. It Should be EPD Certified	All can apply
764	Instrument Table cover	Size-size 183cm x 240cm High barrier reinforced laminate of polypropylene nonwoven and a polyethylene film across the entire drape material. It should be low-linting, non-breathable with an adhesive area, Containing hypoallergenic acrylate type adhesive covered with a silicone coated paper liner and should also comply with the requirements of ISO 13485:2003 and ISO 9001:2008. It Should be EPD Certified	All can apply

S. No.	Item Name	Specification	Recommended Make
765	Basic Surgical Pack CHANGE	Basic Surgical pack with cautery bag 30X35 cm two numbers , operation tape 10x55cm-01 nos. , adhesive towel -91.5X100 cm-02 nos, Adhesive medium drape sheet 183x183 cm -01 nos., adhesive large sheet-150x250 cm-01 nos., Instrument Table cover-150x200 cm and Large Instrument Table cover 183x240 cm-01 Nos. It should High barrier reinforced laminate of polypropylene nonwoven and a polyethylene film across the entire drape material. It should be low-linting, non-breathable with an adhesive area, Containing hypoallergenic acrylate type adhesive covered with a silicone coated paper liner and should also comply with the requirements of ISO 13485:2003 and ISO 9001:2008. It Should be EPD Certified	All can apply
766	Urine Collection Bag	Paediatric	All can apply
767	Sanitary Pad	Size: XL Size: XXL Size: Medium Size: Large	All can apply
768	Adult Diaper Disposable	Small size (reusable tape) Medium size (reusable tape) XL size (reusable tape)	All can apply
769	ECG Jelly		All can apply
770	Formalin Tablet	1000 mg Pack of 100 Tab.	All can apply
771	Bandage 4" Pack	Should be 100 % cotton, Length 3.5m	All can apply
772	Bandage 6" Pack	Should be 100 % cotton, Length 3.5m	All can apply
773	Cloth Based Adhesize Bandage 1"		All can apply
774	Cloth Based Adhesize Bandage 2.5"		All can apply
775	Four way connector	Stockcock four way 2 Female luer lock ports latex free DEHP free.	All can apply
776	Paper Based Adhesive Rolls ½ inch		All can apply
777	Paper Based Adhesive Rolls 1inch		All can apply
778	Paper Based Adhesive Rolls 2 inch		All can apply
779	Cotton Soft Roll 4 Inches	Non-woven absorbent cotton	All can apply
780	Cotton Soft Roll 6 Inches	Non-woven absorbent cotton	All can apply
781	Tubular Elastic Net Bandage	For use in surgery and cast application Length 10 Mtr., Width: 2.5 cm For use in surgery and cast application Length 10 Mtr., Width: 5 cm For use in surgery and cast application Length 10 Mtr., Width: 7.5 cm For use in surgery and cast application Length 10 Mtr., Width: 10 cm	All can apply
782	No Sting Barrier Film	Size-28 ml	All can apply
783	No Sting Barrier Film	Size-3 ml	All can apply
784	No Sting Barrier Film	Size- 1 ml	All can apply
785	Antimicrobial Double & Triple Lumen Dialysis	<ul style="list-style-type: none"> <li>• Shaft materials should be made of kink resistance polyurethane material.</li> <li>• Quote in all available sizes.</li> <li>• Coated with silver ion based antimicrobial agent.</li> <li>• Should be USFDA &amp; European CE certified. The certificate should be attached.</li> </ul>	All can apply
786	Tunneled Cuffed Double Lumen Chronic Dialysis Catheter	<ul style="list-style-type: none"> <li>• Shaft materials should be made of kink resistance polyurethane material</li> <li>• Should have 360 degree multiple side holes to reduce the risk of catheter occlusion by the vessel wall, thus reducing the risk of arterial insufficiency.</li> <li>• Large lumens and Nested splitted tip design to improve patency and flow as high as 500ml/min and to lower recirculation rates.</li> <li>• Should have preloaded hollow stylet in order to have ease of insertion in straight catheters.</li> <li>• Accessory should be provided with the catheter pack as kit (Guidewire, Introducer needle, dilator, tunneler, Airguard Valved Introducer to prevent air embolism)</li> <li>• Available in 14.5Fr &amp; 16Fr with sizes 19cm, 23cm, 24cm, 27cms.</li> <li>• Should be USFDA &amp; European CE certified. The certificate should be</li> </ul>	All can apply

S. No.	Item Name	Specification	Recommended Make
		attached.	
787	Double lumen Tunneled Dialysis Palindrome catheters	Should have – Two lumens of Double – D design with symmetrical tip • Should have Squiral Z tip design with laser cut Side Slots • Should have- Carbothane material • Should have- size 14.5 Fr with different lengths. • Should have- Vessel dilator with Flowguard to avoid blood spillage or air embolism. • Should have- USFDA and European CE certifications.	All can apply
788	Double Lumen Tunneled Dialysis Palindrome catheters Si Ion Coated	• Should have- Two lumens of Double- D design with symmetrical tip • Should have- Spiural Z tip design with Laser Cut side slots • Should have- Silonsleeve coating from cuff to Hub. • Should have- Carbothane material • Should have- sizes 14.5 Fr with different lengths. • Should have- vessel dilator with Flowguard to avoid blood spillage or air embolism. • Should have- USFDA and European CE certifications.	All can apply
789	Double Lumen Tunneled Dialysis Palindrome catheters Heparin Coated	Should have- Two lumens of Double-D design with symmetrical tip • Should have Spiural Z tip design with Laser Cut side slots • Should have Heparin coating inside. • Should have- Carbothane material • Should have- sizes 14.5 Fr with different lengths. • Should have- Vessel dilator with Flowguard to avoid blood spillage or air embolism. • Should have- US FDA and European CE certifications.	All can apply
790	Double Lumen Tunneled Dialysis Palindrome catheters Si Ion & Heparin Coated	Should have- Two lumens of Double Design with symmetrical tip • Should have Spiural Z tip design with Laser Cut side slots • Should have Heparin coating inside • Should have- Carbothane material • Should have- sizes 14.5 Fr with different lengths. • Should have- Vessel dilator with Flowguard to avoid blood spillage or air embolism • Should have- US FDA and European CE certifications	All can apply
791	AVF Graft Specification	Carbon impregnated PTFE AV Grafts with Hemodynamic Cuff for Better flow rates & reduced Intimal Hyperplasia formation. • Graft Cuff having Trim lines to reengineered the cuff that confirms to Anatomy. • Sizes: 4-6mm & 4-7mm stepped Grafts • 4- 6mm & 4-7mm Grafts with Rings in the Center- Center flex Grafts.	All can apply
792	AVF needle specification	High Quality Performance with Extra Thin Wall Needle • Available in the Gauge Size: 15G, 16G, and 17 G. • Wings are colour coded as per the gauge sizes. • Available with back-eye for maximum blood flow. • Easy to use clamp to immediate shutdown of the blood flow. • Luer Lock hub provides secure connection to Blood Tubing Set. • Should be Gamma Sterilized and European CE approved. Quote all sizes separately	All can apply
793	Special Sponge pad for AV fistula	• Special cellulose latex free sponge pad. • Useful for post AV fistula access site. • The sponge pad is designed to cover the entire wound site which creating a sterile • Should be gamma sterilized and USFDA/European CE approved	All can apply
794	Chemical for Dialyzer Reprocessing	Broad spectrum chemical having composition of Peracetic acid, Hydrogen peroxide, acetic acid. • Should be biodegradable. • Aldehyde free with non-toxic residues. • Pack size - 5 Ltr. Jar.	All can apply
795	Chemical for Disinfection & Decalcification of HemoDialysis Machine	Chemical having composition of Citric Acid [Lactic, Malic acid] • Should disinfect & decalcification, dissolve blood residue. • Should be biodegradable. • Pack size- 5 Ltr. Jar	All can apply
796	Transobturator tape (TOT)	Outside in style and disposable,	All can apply with European CE four digit genuine CE certified/USFDA approved,
797	non absorbable polymer locking clips pack of 6	Small	All can apply with European CE four digit genuine CE certified/USFDA approved,
798	non absorbable polymer locking clips pack of 6	Medium	All can apply with European CE four digit genuine CE certified/USFDA approved,

S. No.	Item Name	Specification	Recommended Make
799	non absorbable polymer locking clips pack of 6	Large	All can apply with European CE four digit genuine CE certified/USFDA approved,
800	non absorbable polymer locking clips pack of 6	Extra Large	All can apply with European CE four digit genuine CE certified/USFDA approved,
801	Dual Cut Sagittal Saw Blade	Length 90 mm, Cutting Edge 25 mm, Thickness 1.27 mm	All can apply
802	Hood and Toga materia	Fluid Resistant, Filtration should be not less than 91.1% at 0.1 micron, CO2 levels should be less than 2707 ppm, as per guideline of NIOSH / OSHA	All can apply
803	Venous access device for prevention of needle stick injuries and safety from unanticipated blood exposure (or splatter), the needle tip should be totally encapsulated in a plastic shield.	Size-18 G	All can apply
804	Venous access device for prevention of needle stick injuries and safety from unanticipated blood exposure (or splatter), the needle tip should be totally encapsulated in a plastic shield.	Size-20G	All can apply
805	Venous access device for prevention of needle stick injuries and safety from unanticipated blood exposure (or splatter), the needle tip should be totally encapsulated in a plastic shield.	Size-22 G	All can apply
806	I. V. Bag Access device with BCV		All can apply
807	I. V. Infusion set for photosensitive drugs		All can apply
808	Double pigtail biliary stents	8 Fr	All can apply
809	Double pigtail biliary stents	10 Fr	All can apply
810	Straight biliary stents	10 Fr., 8 cm	All can apply
811	Straight biliary stents	10 Fr., 10 cm	All can apply
812	Straight biliary stents	10 Fr., 12 cm	All can apply
813	Pancreatic stents	5 Fr, 10 cm	All can apply
814	Pancreatic stents	5 Fr, 12 cm	All can apply
815	Pancreatic stents	5 Fr, 115 cm	All can apply
816	Pancreatic stents	4 Fr, 4 cm	All can apply
817	Pancreatic stents	4 Fr, 10 cm	All can apply
818	Pancreatic stents	4 Fr, 12 cm	All can apply
819	Chiba Needle	Beveled tip: 25 G, 15 cm	All can apply
820	Chiba Needle	Beveled tip: 18 G, 15 cm	All can apply
821	Chiba Needle	Beveled tip: 21 G, 15 cm	All can apply
822	Chiba Needle	Beveled tip: 25 G, 20 cm	All can apply
823	Chiba Needle	Beveled tip: 18 G, 20 cm	All can apply
824	Chiba Needle	Beveled tip: 21 G, 20 cm	All can apply
825	Tracheostomy tubes cuffed with 2 inner cannula.	Size: 4 mm, USFDA Approved	All can apply
826	Tracheostomy tubes cuffed with 2 inner cannula.	Size: 6 mm, USFDA Approved	All can apply
827	Tracheostomy tubes cuffed with 2 inner cannula.	Size: 8 mm, USFDA Approved	All can apply
828	Tracheostomy tubes cuffed with 2 inner cannula.	Size: 10 mm, USFDA Approved	All can apply
829	Hand port for laproscopic surgery with double ring		All can apply with European CE four digit genuine CE certified/USFDA approved,
830	Washers for 10 mm Richard Wolf metallic laproscopic port		All can apply with European CE four digit genuine CE certified/USFDA approved,
831	Washers for 5 mm Richard Wolf metallic laproscopic port		All can apply with European CE four digit genuine CE certified/USFDA approved,
832	Washers for 10 mm Karl Storz metallic laproscopic port		All can apply with European CE four digit genuine CE certified/USFDA approved,
833	Washers for 5 mm Karl Storz metallic laproscopic port		All can apply with European CE four digit genuine CE certified/USFDA approved,
834	Reducers with working length more than 8 cm metallic laproscopic ports of 5 and 10mm	for laparoscopic ports	All can apply with European CE four digit genuine CE certified/USFDA approved,
835	<b>TROCAR &amp; CANNULA (Disposable)</b> Cannula size: 12 to 13.5 mm diameter; should have multifunctional valve to prevent damage of sharp instruments and tip lens while passing through the cannula valve. It should		All can apply

S. No.	Item Name	Specification	Recommended Make
	have stopcock for CO2 insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO2 gas. The working length of the cannula should be 110 or more mm		
836	<b>TROCAR &amp; CANNULA (Disposable)</b> Cannula size: 11 mm to 12 mm diameter; should have multifunctional valve to prevent damage of sharp instruments and tip lens while passing through the cannula valve. It should have stopcock for CO2 insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO2 gas. The working length of the cannula should be 105 mm. (±5 mm)		All can apply
837	Cannula size: 11 mm to 12 mm diameter; should have multifunctional valve to prevent damage of sharp instruments and tip lens while passing through the cannula valve. It should have stopcock for CO2 insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO2 gas. The working length of the cannula should be 105 mm. (±5 mm) Reducer, 11/5 mm		All can apply
838	10mmHassan'scannula.UsedforTEPrepair		All can apply
839	Veress Needle (disposable) Pneumoperitoneum needle with spring loaded blunt inner cannula,LUER-Lock, diameter 2.1mm, working length 10- 18cms.		All can apply
840	Injection needle, LUER-lock, diameter 1.2 mm, size 5 mm, length 36 cm.		All can apply
841	Laprosopic Maryland's Forceps	Three part laparoscopic autoclavable KELLY/ <b>Maryland</b> Dissecting and Grasping Forcep, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 30 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button. 5 in number	All can apply
842	Laprosopic Maryland's Forceps	Three part laparoscopic autoclavable KELLY/ <b>Maryland</b> Dissecting and Grasping Forcep, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 3 mm, length 20 - 26 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button. 5 in number	All can apply
843	Laprosopic Maryland's Forceps	Three part laparoscopic autoclavable KELLY/ <b>Maryland</b> Dissecting and Grasping Forcep, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 3 mm, length 20 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button. 5 in number	All can apply
844	Laprosopic Grasping Forceps	Three part laparoscopic autoclavable CROCE-OLMI Grasping Forcep, 360 degree rotational sheath,size 3 mm, length 20 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.	All can apply
845	Laprosopic Bowel Grasping Forceps	Three part laparoscopic autoclavable Bowel Grasping Forcep, double action jaws, fenestrated, 360 degree rotational sheath, size 3 mm, length 20 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.	All can apply

S. No.	Item Name	Specification	Recommended Make
846	Laparoscopic Right Angled Dissecting Forceps	Three part laparoscopic autoclavable Right Angled Dissecting and Grasping Forcep, double actionjaws, , 360 degree rotational sheath, size 3 mm, length 20 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores,can be dismantled with the press of a button.	All can apply
847	Laparoscopic Scissors	Three part laparoscopic autoclavable Curved METZENBAUM Scissors, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 3 mm, length 20 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button	All can apply
848	Laparoscopic Needle Holder	Micro needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic pistol handle, with disengageable ratchet, jaw curved to left, size: 3 mm, length: 20cm for use with suture material size: 0/0 to 7/0. Right curved tip. Left curvedtip One coaxial.	All can apply
849	Laparoscopic Grasping Forceps	Three part laparoscopic autoclavable CROCE-OLMI Grasping Forcep, 360 degree rotational sheath,size 5 mm, length 30 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the pressof a button.	All can apply
850	Laparoscopic Grasping Forceps	Three part laparoscopic autoclavable CROCE-OLMI Grasping Forcep, 360 degree rotational sheath, size 3 mm, length 20 - 26 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.	All can apply
851	Laparoscopic Bowel Grasping Forceps	Three part laparoscopic autoclavable Bowel Grasping Forcep, double action jaws, fenestrated, 360degree rotational sheath,size5mm,length30 – 36-cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.	All can apply
852	Laparoscopic Bowel Grasping Forceps	Three part laparoscopic autoclavable Bowel Grasping Forcep, double action jaws, fenestrated, 360 degree rotational sheath, size 3 mm, length 20 - 26 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.	All can apply
853	Laparoscopic Right Angled Dissecting Forceps	Three part laparoscopic autoclavable Right Angled Dissecting and Grasping Forcep, double actionjaws, , 360 degree rotational sheath, size 5 mm, length30 33 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.	All can apply
854	Laparoscopic Right Angled Dissecting Forceps	Three part laparoscopic autoclavable Right Angled Dissecting and Grasping Forcep, double actionjaws, , 360 degree rotational sheath, size 3 mm, length 26 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores,can be dismantled with the press of a button.	All can apply
855	Laparoscopic Heavy Grasping Forceps	Three part laparoscopic autoclavable MANHES Grasping Forcep with ratchet, Tiger Jaws, 2X4 teeth, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 30 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to	All can apply



S. No.	Item Name	Specification	Recommended Make
		avoid pressure sores, can be dismantled with the press of a button.	
856	Laparoscopic Heavy Grasping Forceps	Three part laparoscopic autoclavable MANHES Grasping Forcep with ratchet, Tiger Jaws, 2X4 teeth, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 3 mm, length 20 - 26 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.	All can apply
857	Laparoscopic Scissors	Three part laparoscopic autoclavable Curved METZENBAUM Scissors, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 30 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.	All can apply
858	Laparoscopic Scissors	Three part laparoscopic autoclavable Curved METZENBAUM Scissors, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 3 mm, length 20 - 26 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.	All can apply
859	Dissecting Electrodes Laparoscopy	Dissecting-Electrode with exchangeable electrode L-tip, autoclavable, ergonomic handling, size 5 mm, length 30 cm, with connector pin for unipolar coagulation	All can apply
860	Dissecting Electrodes Laparoscopy	Dissecting-Electrode with exchangeable electrode L-tip, autoclavable, ergonomic handling, size 3 mm, length 20 - 26 cm, with connector pin for unipolar coagulation	All can apply
861	Injection Needle Laparoscopic	Injection needle, LUER-lock, diameter 1.2 mm, size 5 mm, length 30 cm	All can apply
862	Suction / Irrigation Laproscopic Cannula	simple 2 way up and down suction cannula with Long 30/26cms cm. 3 mm.	All can apply
863	Laparoscopic Needle Holder	Macro needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic pistol handle, with disengageable ratchet, jaw curved to left, size: 5mm, length: 30cm for use with suture material size: 0/0 to 7/0. Right curved tip. Left curved tip One coaxial.	All can apply
864	Laparoscopic Needle Holder	Macro needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic pistol handle, with disengageable ratchet, jaw curved to left, size: 3mm, length: 20 - 26cm- for use with suture material size: 0/0 to 7/0. Right curved tip. Left curved tip One coaxial.	All can apply
865	Laparoscopic Bipolar Forceps	Three part laparoscopic Bipolar Coagulating Grasping Forceps with overload tissue protection, Wide jaws, with connector pin for bipolar coagulation, 360 degree rotational sheath, size 5 mm, length 30 – 36 cm, long, single action jaws, ergonomic Plastic handle with larger contact area, O can be dismantled with the press of a button; with Bipolar HF Connecting Cable	All can apply
866	Laparoscopic Bipolar Forceps	Three part laparoscopic Bipolar Coagulating Grasping Forceps with overload tissue protection, Wide jaws, with connector pin for bipolar coagulation, 360 degree rotational sheath, size 3 mm, length 20 - 26 cm, long, single action jaws, ergonomic Plastic handle with larger contact area, O can be dismantled with the press of a button; with Bipolar HF Connecting Cable	All can apply
867	Cannula (Laparoscopic)	Cannula size: 5-5.5 mm diameter; should have multifunctional valve to prevent damage of sharp instruments and tips while passing through the	All can apply

S. No.	Item Name	Specification	Recommended Make
		cannula valve. It should have stopcock for CO2 insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO2 gas.	
868	Cannula (Laparoscopic)	Cannula size: 3.5 mm diameter for 3 mm Laparoscopic Instruments; should have multifunctional valve to prevent damage of sharp instruments and tip lens while passing through the cannula valve. It should have stopcock for CO2 insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO2 gas.	All can apply
869	Hegars Dilators	All Sizes (Set to be quoted)	All can apply
870	Laparoscopic Spring Loaded Silo	10 mm	All can apply
871	Laparoscopic Spring Loaded Silo	5mm	All can apply
872	Iodinated Incise Drapes	Incise Drape which is Antimicrobial, strong, conformable and breathable Iodophor impregnated Polyester film coated with hypoallergenic adhesive for superior adhesion. Compatible with Povidone Iodine & CHG Preps. Iodine from the drape should be present in the deepest Skin layer (1000 micron). Should be Latex Free. 34 cm * 35 cm (Adhesive Area). It Should be Gamma Sterilize with USFDA / ISO Approved	All can apply
873	Iodinated Incise Drapes	Incise Drape which is Antimicrobial, strong, conformable and breathable Iodophor impregnated Polyester film coated with hypoallergenic adhesive for superior adhesion. Compatible with Povidone Iodine & CHG Preps. Iodine from the drape should be present in the deepest Skin layer (1000 micron). Should be Latex Free. 56 cm * 45 cm (Adhesive Area). It Should be Gamma Sterilize with USFDA / ISO Approved	All can apply
874	Mangeshkar Uterine Manipulator		All can apply
875	Laparoscopic Myoma Screw/Spiral Myoma Hook		All can apply
876	Secufix uterine manipulator	silicon cup, to be fixed with secufix uterine manipulator	All can apply
877	Endobag for morcellation of fibroids	with 2 separate ports for camera and morcellator, and can be tied at neck to prevent spillage of material	All can apply
878	Chorionic Villus Sampling Set	single use, flexible, 2-3 mm wide, long 20-25 cm long, Echo tip Stylet for visibility under ultrasound and Fr 5.3-5.7	All can apply
879	Incise Drape	Incise drape comprised of polyester, breathable, low memory backing, coated with Pressure Sensitive Acrylate, 15 cm x 20 cm 1040-61 cm x 35 cm, US-FDA/ BIS / CE fourdigit/ ISO Approved	All can apply
880	Incise Drape	Incise drape comprised of polyester, breathable, low memory backing, coated with Pressure Sensitive Acrylate, 1050-91cmx45cm, US-FDA/ BIS / CE four digit/ ISO Approved	All can apply
881	Cornual cannulation set for hysteroscopic fallopian tube cannulation	with outer & inner catheters and guide wire and obturator. Outer catheter should be curved, made of polyethylene, 4.5-5.0 Fr, 35-40 cm in length. Should have an adapter to fix guide wire in position, guide wire 35-40 cm in length. Obturator should be made of stainless steel. Inner Catheter should have markings 1cm apart, 2.5-3.0 Fr and 50-55 cm in length. Lock for irrigation port.	All can apply
882	Titanium Cranial Fixation System Two-hole straight plate (12mm), Titanium Two-hole straight plate (15mm), Titanium Two-hole straight plate (20mm), Titanium Sixteen-hole straight miniplate, Titanium Four-hole straight plate, Titanium Burr Hole Plate, Titanium Titanium self-tapping and self-drilling bone screws for cranial bone fixation	ii. 2 Sets of Instrument Sets should be provided both for screw and manipulates iii. Item should be USFDA and CE approved	All can apply

S. No.	Item Name	Specification	Recommended Make
	i. 1.6 x 3.0 mm ii. 1.6 x 4.0 mm iii. 1.6 x 5.0 mm Titanium Mesh for Cranioplasty i. 40 x 40 mm ii. 60 x 60 mm iii. 100 x 100mm		
883	BABY DRAPE	A ) TRANSLUCENT SOFT POLYFILM B ) SIZE : 1.2 X 1.2 M C ) INCISE AREA : 25 X 20 CM	All can apply
884	C-ARM COVER ( in TWO PARTS, 1 each for source and receiver )	Sterile Packing A ) C - ARM COVER WITH TWO PART B ) CONTENT : ONEPAIR Clear transparent, plastic polyethylene material.	All can apply
885	C-ARM COVER ( in THREE PARTS, 1 each for source, receiver & arm)	Sterile Packing A ) C - ARM COVER WITH THREE PART B ) CONTENT : ONEPAIR Clear transparent, plastic polyethylene material.	All can apply
886	Neurosurgery scalp hemostasis RANEY CLIP, Disposable	A )STERILE DISPOSABLE RANEY CLIPS Adult and paediatric. Box of 10.	European CE four digit genuine CE certified/USFDA approved
887	Neurosurgery scalp hemostasis Raney clip, reusable	)STERILE Reusable RANEY CLIPS made of stainless steel. Adult and paediatric. box of 10.	European CE four digit genuine CE certified/USFDA approved
888	JAMSHIDI NEEDLE (DISPOSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO 14 G	ALL CAN APPLY
889	JAMSHIDI NEEDLE (DISPOSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO 16 G	ALL CAN APPLY
890	JAMSHIDI NEEDLE (DISPOSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO 18 G	ALL CAN APPLY
891	JAMSHIDI NEEDLE (REUSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO, 12 G	ALL CAN APPLY
892	JAMSHIDI NEEDLE (REUSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO, <u>14 G</u>	ALL CAN APPLY
893	JAMSHIDI NEEDLE (REUSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO, 16 G	ALL CAN APPLY
894	JAMSHIDI NEEDLE (REUSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO, 18 G	ALL CAN APPLY
895	VERTEBROPLASTY KIT	The kit must include : 1. needle for vertebroplasty - 2 inno. 2. precision deliverysyringe 3. bone cement closed mixingsystem 4. syringe with rigidplunger 5. syringe ergonomichandle	European CE four digit genuine CE certified/USFDA approved
896	KYPHOPLASTY KIT	the kit must include: 1. bone accesstools 2. balloons and inflation devices for fracture reduction 3. bone cement and cement deliverydevices 4. accessories	European CE four digit genuine CE certified/USFDA approved
897	Programmable Valve Ventriculoperitoneal Shunt	1. adult size with multiple settings with acoustic verification	European CE four digit genuine CE certified/USFDA approved
898	Programmable Valve Ventriculoperitoneal Shunt	1. adult size with multiple settings with magnetic verification	European CE four digit genuine CE certified/USFDA approved
899	CHHABRA SHUNT ( HIGH PRESSURE )	A ) Ventriculo Peritoneal High Pressure with Regular Reservoir ( VPHP )	All can apply

S. No.	Item Name	Specification	Recommended Make
		B ) One Ventricular Catheter with Stylet length 15 cm C ) One Distal Catheter 75 cm Long D ) Three Separate Straight Connector	
900	CHHABRA SHUNT ( MEDIUM PRESSURE )	A ) Ventriculo Peritoneal Medium Pressure with Regular Reservoir ( VPMP ) B ) One Ventricular Catheter with Stylet length 15 cm C ) One Distal Catheter 75 cm Long D ) Three Separate Straight Connector	All can apply
901	CHHABRA SHUNT ( LOW PRESSURE )	A ) Ventriculo Peritoneal Low Pressure with Regular Reservoir ( VPLP ) B ) One Ventricular Catheter with Stylet length 15 cm C ) One Distal Catheter 75 cm Long D ) Three Separate Straight Connector	All can apply
902	LUMBO- PERITONEAL SHUNT WITH TUOHEY NEEDLE	A ) ONE LUMBAR CATHETER 30 CM LONG B ) ONE DISTAL CATHETER 60 CM LONG C ) ONE SPECIAL CONNECTOR D ) ONE 14 G TUOHEY NEEDLE AND TWO SUTURE COLLARS	All can apply
903	BACTERIAL RESISTANT VENTRICULO PERITONEAL SHUNT ( MEDIUM /LOW PRESSURE )	1 ) SILVER IMPREGNATED WITH BACTERIAL RESISTANT TUBING. The set must include a ) One Ventricular Catheter with Stylet length 15 cm b ) One Distal Catheter 75 cm Long c ) at least two Separate Straight Connector	European CE four digit genuine CE certified/USFDA approved
904	BACTERIAL RESISTANT VENTRICULO PERITONEAL SHUNT ( MEDIUM /LOW PRESSURE )	1) Antibiotic impregnated (Rifampicin and clindamycin) a ) One Ventricular Catheter with Stylet length 15 cm b ) One Distal Catheter 75 cm Long c ) at least two Separate Straight Connector	European CE four digit genuine CE certified/USFDA approved
905	CEREBRAL CATHETER (OMMAYA) RESERVOIR	A ) RESERVOIR CHAMBER FOR INJECTIONS WITH 15 CM LONG VENTRICULAR CATHETER B ) SIZES ARE : a ) 12MM DIAMETER CHAMBER	All can apply
906	CEREBRAL CATHETER (OMMAYA) RESERVOIR	A ) RESERVOIR CHAMBER FOR INJECTIONS WITH 15 CM LONG VENTRICULAR CATHETER B ) SIZES ARE : a ) 18 MM DIAMETER CHAMBER	All can apply
907	Titanium Cranial Mesh Set	Mesh Size: 30 X 30 MM 1. Screws size dia-2.1mm length- 4&5mm (6Screw) Titanium plates size 2 hole & 2 hole with gap which are commonly used in Neurosurgery (3 Plates) Mesh Size: 60 x 60 MM 1. Screws size dia-2.1mm length- 4&5mm (6Screw) Titanium plates size 2 hole & 2 hole with gap which are commonly used in Neurosurgery (3 Plates) Mesh Size: 80 X 80 MM 1. Screws size dia-2.1mm length- 4&5mm (6Screw) Titanium plates size 2 hole & 2 hole with gap which are commonly used in Neurosurgery (3 Plates) Mesh Size: 100 x 100 MM 1. Screws size dia-2.1mm length- 4&5mm (6Screw) Titanium plates size 2 hole & 2 hole with gap which are commonly used in Neurosurgery (3 Plates) Mesh Size: 120 x 120 MM 1. Screws size dia-2.1mm length- 4&5mm (6Screw) Titanium plates size 2 hole & 2 hole with gap which	All can apply

S. No.	Item Name	Specification	Recommended Make
		are commonly used in Neurosurgery (3 Plates) Mesh Size: 120 x 150 MM 1. Screws size dia-2.1mm length- 4&5mm (6Screw) Titanium plates size 2 hole & 2 hole with gap which are commonly used in Neurosurgery (3 Plates) Mesh Size: 120 x 180 MM 1. Screws size dia-2.1mm length- 4&5mm (6Screw) Titanium plates size 2 hole & 2 hole with gap which are commonly used in Neurosurgery (3 Plates) Mesh Size: 200 x 200 MM 1. Screws size dia-2.1mm length- 4&5mm (6Screw) Titanium plates size 2 hole & 2 hole with gap which are commonly used in Neurosurgery (3 Plates) Mesh Size: 85 x 53 MM 1. Screws size dia-2.1mm length- 4&5mm (6Screw) Titanium plates size 2 hole & 2 hole with gap which are commonly used in Neurosurgery (3 Plates) Mesh Size: 160 x 135 MM 1. Screws size dia-2.1mm length- 4&5mm (6Screw) Titanium plates size 2 hole & 2 hole with gap which are commonly used in Neurosurgery (3 Plates)	
908	Titanium SELF TAPPING SCREWS (MESH CUTTER AND SCREW DRIVER TO BE PROVIDED DURING PROCEDURES IN NEUROSURGERY)	The diameter of screws should holding and carrying of the container. The lid cover should be made of High-grade, hard coat Anodized Aluminium Alloy, scratch resistant and corrosion free. It should have effective silicon basket ensuring complete sealing of the containers & should be auto-clavable at 134 degree. The lid cover should be supplied with integrated permanent germ barrier system and protecting filter valve mechanism system for more than 4000 cycle mechanism. Should have integrated valve mechanism to act as bio barrier having a life of more than 2000 sterilization cycles. The inner perforated stainless steel basket should be supplied with integrated handle. The system should be supplied with antiskid/slip silicon matt to be kept in the perforated basket, indicator label process indicator for stem sterilization, plastic seal to safeguard the container against unauthorized opening and silicon Heat Insulated handles. Container system should have color coding system. The sterilization container should be US FDA or European CE having a four digit notified number from a notified body. The Container design must permit staking without any scope of slippage. The container bottom and lid must not have any picket for potential water residue post sterilization. Containersystembe1.5/2.0MM&lengthshould be 4.0 & 5.0MM	All can apply
909	Fibrin glue (Human Fibrin Sealant)	Two component material consisting of fibrinogen and thrombin (Thrombin 1 ml and Fibrinogen 1 ml with triple lumen tip).	European CE four digit genuine CE certified/USFDA
910	Fibrin glue (Human Fibrin Sealant)	Two component material consisting of fibrinogen and thrombin with bovine/synthetic aprotinin. 2ml/4ml	European CE four digit genuine CE certified/USFDA
911	Dural Substitute (Collagen)	Collagen based dural graft. Made from ultra pure collagen. Available in various sizes 2.5x2.5 cms to 10x10 cms	All can apply
912	Dural Substitute (Poly-L-Lactic acid)	Poly-L-Lactic acid, absorbable in 6 months, thickness: 01.-0.5 mm, various sizes: 15 mm x 20 mm	All can apply

S. No.	Item Name	Specification	Recommended Make
913	Dural Substitute (Poly-L-Lactic acid)	Poly-L-Lactic acid, absorbable in 6 months, thickness: 01.-0.5 mm, various sizes: 20 mm x 30 mm	All can apply
14	Dural Substitute (Poly-L-Lactic acid)	Poly-L-Lactic acid, absorbable in 6 months, thickness: 01.-0.5 mm, various sizes: 30 mm x 40 mm	All can apply
915	Dural Substitute (Poly-L-Lactic acid)	Poly-L-Lactic acid, absorbable in 6 months, thickness: 01.-0.5 mm, various sizes: 40 mm x 60 mm	All can apply
916	Dural Substitute (Poly-L-Lactic acid)	Poly-L-Lactic acid, absorbable in 6 months, thickness: 01.-0.5 mm, various sizes: 60 mm x 60 mm	All can apply
917	Dural Substitute (Poly-L-Lactic acid)	Poly-L-Lactic acid, absorbable in 6 months, thickness: 01.-0.5 mm, various sizes: 60 mm x 80 mm	All can apply
918	Dural Substitute (Poly-L-Lactic acid)	Poly-L-Lactic acid, absorbable in 6 months, thickness: 01.-0.5 mm, various sizes: 60 mm x 140 mm	All can apply
919	Dural Substitute (Poly-L-Lactic acid)	Poly-L-Lactic acid, absorbable in 6 months, thickness: 01.-0.5 mm, various sizes: 80 mm x 80 mm	All can apply
920	Dural Substitute (Poly-L-Lactic acid)	Poly-L-Lactic acid, absorbable in 6 months, thickness: 01.-0.5 mm, various sizes: 80 mm x 120 mm	All can apply
921	Dural Substitute (Poly-L-Lactic acid)	Poly-L-Lactic acid, absorbable in 6 months, thickness: 01.-0.5 mm, various sizes: 100 mm x 150 mm	All can apply
922	Dural Substitute (Poly-L-Lactic acid)	Poly-L-Lactic acid, absorbable in 6 months, thickness: 01.-0.5 mm, various sizes: 150 mm x 150 mm	All can apply
923	Aneurysm clips, Yasargil type Titanium	Temporary Yasargil aneurysm clips (Standard) 7 (±0.5) mm Straight	European CE four digit genuine CE certified/USFDA
		Temporary Yasargil aneurysm clips (Standard) 9 (±0.5) mm straight	
		Temporary Yasargil aneurysm clips (Standard) 11 (±0.5) mm straight	
		Temporary Yasargil aneurysm clips (Standard) 7 (±0.5) mm Curved	
		Temporary Yasargil aneurysm clips (Standard) 9 (±0.5) mm curved	
		Temporary Yasargil aneurysm clips (Standard) 11 (±0.5) mm curved	
		Permanent Yasargil Aesculap aneurysm clips	
		Yasargil standard 15.0 mm straight clip	
		Yasargil standard 17.5 mm straight clip	
		Yasargil standard 20.0 mm straight clip	
		Yasargil standard 15.0 mm curved clip	
		Yasargil standard 10.0 mm curved clip	
		Yasargil standard 5.0 mm curved clip	
		Yasargil standard 6.0 mm curved clip	
		Yasargil standard 8.0 mm curved clip	
		Yasargil standard 8.0 mm right angled clip	
		Yasargil standard 10.0 mm right angled clip	
		Yasargil standard 9.0/14.1 mm fenestratedclip	
		Yasargil standard 12.0/17.0 mm fenestrated clip	
		Yasargil standard 9.0/15.7 mm fenestrated clip	
		Yasargil standard 7.5/6.7 mm right angled fenestrated clip	
		Yasargil Mini 3.0 mm straight clip	
		Yasargil Mini 5.0 mm straight clip	
		Yasargil Mini 7.0 mm straight clip	
		Yasargil Mini 2.8 mm curved clip	
		Yasargil Mini 4.0 mm curved clip	
		Yasargil Mini 5.0 mm curved clip	
		Yasargil Mini 6.6 mm curved clip	
924	Aneurysm clips, Yasargil type	7 (±0.5) mm Straight	All can apply

S. No.	Item Name	Specification	Recommended Make
	Permanent Yasargil aneurysm clips (Standard) <u>Titanium</u>	9 (±0.5) mm straight 11 (±0.5) mm straight 7 (±0.5) mm Curved 9 (±0.5) mm curved 11 (±0.5) mm curved	
925	Aneurysm clips, Yasargil type <u>Titanium</u> Temporary Yasargil aneurysm clips (mini-clips)	4 (±0.5) mm straight 7 (±0.5) mm straight	All can apply
926	Titanium Miniplates Titanium miniplates of various sizes for fixing bone flaps 1. Bio-degradable Mesh/Plates & Screws size dia-2.1mm length- 4&5mm. Titanium plates size 2 hole & 2 hole with gap which are commonly used inNeurosurgery	A) 30 X 30 MM B) 40 x 40 MM C) 60 x 60 MM D) 60 x 80 MM E) 80 X 80 MM F) 85 x 53 MM G) 100 x 100 MM H) 120 X 120 MM I) 120 x 150 MM J) 120 x 180 MM K) 160 x 135 MM L) 200 x 200 MM	All can apply
927	Titanium SELF TAPPING SCREWS	The diameter of screws should be 1.5 / 2.0 mm and length should be 4.0 & 5.0 mm.	All can apply
928	Laparoscopic suction cannula	Simple two-way trumpet suction cannula, length 36cm, 5mm diameter; Suction adapter for use with the system Simple two-way trumpet suction cannula, length 36cm, 10mm diameter; Suction adapter for use with the system	All can apply
929	Cautery Tip Cleaner	Intra-operative cleaning of diathermy clip	All can apply
930	Wound Manager bag	Small Medium Large	All can apply
931	Fistula Bag	Small Medium	All can apply
932	Magnetic Needle Counter box/Block needle counter with magnet	Sturdy plastic container keeps track of used disposable surgical sharps during procedure with magnet configurations. Counter separates in half for dual usage in different areas. Safe blade removal feature reduces risk of injury	All can apply
933	Magnetic Instrument Pad/Mat	Magnets reduce the risk of instruments falling off from the sterile field. Reusable. Easily conforms to the contours of a patient's body. Non-slip rubber backing helps prevent shifting over the surgical drape	All can apply
934	Sponge Counter Bags	Assists and organizes the counting process of gauze or sponge in the OR. Can be hung from Surgical Sponge Counter Rack.	All can apply
935	Sterile drapes	Povidone Iodine impregnated transparent adhesive surgical drapes of all sizes Chlorhexidine impregnated transparent adhesive surgical drapes of all sizes Transparent adhesive surgical drapes of all sizes	All can apply
936	Specimen retrieval Plastic bags (Endobag)	Intra-operative removal of specimen, Disposable, In both small and medium sizes	All can apply
937	ERCP Dormia basket FG 4Q	Dormia basket for retrieving stones	All can apply
938	CRE Ballon dilators	12-15mm, 15-18mm	All can apply
939	Mechanical lithotripsy basket	For breaking of stones	All can apply
940	Claver cut Papilotome		All can apply
941	Multi -3V plus extraction ballon		All can apply
942	Dual Ring wound protector	Medium	All can apply
943	Silicone FJ tube	14 FR	All can apply
944	Silicone FJ tube	12 FR	All can apply
945	Silicone percutaneous endoscopic gastrostomy tube	14 FR	All can apply
946	Silicone percutaneous endoscopic	16 FR	All can apply

S. No.	Item Name	Specification	Recommended Make
	gastrostomy tube		
947	vascular sling color coded	red, blue, yellow	All can apply
948	Disposable, non PVC, PB free , absorbable, sterile skull cap for protection during fluoroscopy based interventional procedures	Cap must be safe to use directly on the human skin and should have a third party environment safety certificate on disposal. Pb. equivalency should not be more than 0.125 mm pb	Produt should be USFDA approved or four digit notifying genuine European CE
949	Powder free Bismuth based Radiation protection Gloves thickness <0.1mm	Should have good tactile feel during interventional procedures	Produt should be USFDA approved or four digit notifying genuine European CE
950	Disposable, non PVC, PB free , absorbable, sterile barrier shield for protection during fluoroscopy procedures	Product should have a third party environment safety study certifying a no HCL emission on incineration. . Pb. equivalency should not be more than 0.13 mm pb.	Produt should be USFDA approved or four digit notifying genuine European CE
951	nitinol hydrophilic guidewire with stripped jacket 0.038"		Boston, Cook or other with European CE four digit genuine CE certified/USFDA approved
952	Disposable instrument for arthroscopy		All can apply with European CE four digit genuine CE certified/USFDA approved
953	BUTTON CANNULA for arthroscopy (Flexiable Silicone Cannula)		All can apply with European CE four digit genuine CE certified/USFDA approved
954	BUTTON CANNULA 6MM	6 MM I.D. X 2 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
955	BUTTON CANNULA 6MM	6 MM I.D. X 3 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
956	BUTTON CANNULA 6MM	6 MM I.D. X 4 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
957	BUTTON CANNULA 8MM	8 MM I.D. X 2 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
958	BUTTON CANNULA 8MM	8 MM I.D. X 3 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
959	BUTTON CANNULA 8MM	8 MM I.D. X 4 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
960	BUTTON CANNULA 8MM	8 MM I.D. X 5 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
961	BUTTON CANNULA 8MM	8 MM I.D. X 6 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
962	BUTTON CANNULA 10MM	10 MM I.D. X 2 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
963	BUTTON CANNULA 10MM	10MM I.D. X 3 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
964	BUTTON CANNULA 10MM	10 MM I.D. X 4 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
965	BUTTON CANNULA 12MM	12 MM I.D. X 2 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
966	BUTTON CANNULA 12MM	12 MM I.D. X 3 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
967	BUTTON CANNULA 12MM	12 MM I.D. X 4 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
968	BUTTON CANNULA INSERTER 8 MM	20 MM I.D. X 2 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
969	BUTTON CANNULA INSERTER 10 MM	21 MM I.D. X 2 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
970	BUTTON CANNULA INSERTER 12 MM	22 MM I.D. X 2 CM	All can apply with European CE four digit genuine CE certified/USFDA approved
971	TRIPLE DAM TWIST-IN CANNULA for arthroscopy(SCREW-IN CANNULA WITH ADDITIONAL DAM)		All can apply
972	TRIPLE DAM TWIST-IN CANNULA WITH VALVE AND THREE DAMS,	8.25 I.D X7 CM	All can apply
973	TWIST-IN CANNULA		All can apply
974	NOTCHED TWIST-IN CANNULA	8.25 MM I.D X 7 CM	All can apply
975	TWIST-IN CANNULA	8.25 MM I.D.X 7 CM	All can apply
976	TWIST-IN CANNULA	8.25 MM I.D. X 9 CM	All can apply
977	TWIST-IN CANNULA	7 MM I.D.X 7 CM	All can apply
978	TWIST-IN CANNULA	6 MM I.D.X 7 CM	All can apply
979	TWIST-IN CANNULA	6 MM I.D.X 9 CM	All can apply
980	PARTIALLY THREADED CANNULA	8.25 MM I.D. X 7 CM	All can apply
981	PARTIALLY THREADED CANNULA	8.25 MM I.D. X 9 CM	All can apply
982	PARTIALLY THREADED CANNULA	8.25 MM I.D. X 11 CM	All can apply



S. No.	Item Name	Specification	Recommended Make
983	PARTIALLY THREADED CANNULA	7 MM I.D.X 7 CM	All can apply
984	MULTIFIRE NEEDLE FOR LABRUM AND ROTATER CUFF		All can apply
985	SUTURE LASSO SD		All can apply
986	SUTURE LASSO SD	30 Degree Straight	All can apply
987	SUTURE LASSO SD	90 Degree up curved	All can apply
988	SUTURE LASSO SD	crescent	All can apply
989	SUTURE LASSO SD	25 Degree curved right	All can apply
990	SUTURE LASSO SD	45 Degree curved right	All can apply
991	SUTURE LASSO SD	25 Degree tight curved right	All can apply
992	SUTURE LASSO SD	25 Degree curved left	All can apply
993	SUTURE LASSO SD	45 Degree curved left	All can apply
994	SUTURE LASSO SD	25 Degree tight curved left	All can apply
995	SUTURE LASSO (LASSO WITH THUMBWHEEL)		All can apply
996	SUTURE LASSO (CURVED LASSO)		All can apply
997	MICRO SUTURE LASSO		All can apply
998	MICRO SUTURE LASSO	STRAIGHT	All can apply
999	MICRO SUTURE LASSO	MINOR BEND	All can apply
1000	MICRO SUTURE LASSO	MAJOR BEND	All can apply
1001	MICRO SUTURE LASSO	RETRIVER	All can apply
1002	SUTURE SNARE		All can apply
1003	SUTURE SHUTTLE WITH A NITINOL WIRE HOOK		All can apply
1004	<b>SPINAL IMPLANTS (A - J)</b>	<b>USFDA/European CE 4 digit notifying number</b>	
A.	TLIF/PLIF/OLIF (CarbonFiber/Peek/Titanium)	CAGE Should be made from radiolucent polymer (Peek) to enable optimal visualization of fusion Should have Radiopaque Markers which aid in proper positioning of implant Should have range of heights from minimum 7 to 17mm in 1mm or 2mm increments to accommodate patient anatomy Should have teeth on superior and inferior surfaces to resist migration. Should have large axial canal that permits packing of graft material. Should provide compatible disc removal instruments during the surgery The cage must have markers to indicate the cage position on X-Ray. The cages must have PLIF/TLIF shape providing even distribution of compressive forces along the endplates thus stability. The available implant heights must be 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 15mm & 17mm Cervical Cage (CARBON FIBER/PEEK) Should be made from radiolucent polymer (Peek) to enable optimal visualization of fusion Should have Radiopaque Markers which aid in proper positioning of implant Height= 5-14mm, to accommodate patient Anatomy Thoracolumbar round /Oval titanium mesh cage Diameter = 12mm to 26mm incremental diameter and Length 10mm to 100mm	All can apply
B.	CervicalCage (CarbonFiber/Peek)	Should be made from radiolucent polymer (Peek) to enable optimal visualization of fusion, Should have Radiopaque Markers which aid in proper positioning of implant, Height=5-14mm, to accommodate patient Anatomy	All can apply
C.	Thoracolumbar round /Oval titanium mesh cage	Diameter = 12mm to 26mm incremental diameter and Length 10mm to 100mm	All can apply
D.	Cervical round /Oval mesh cage	Diameter = 10mm to 16mm incremental diameter, Length 10mm to 100mm	All can apply
E.	Pre-Filled Cervical Cage	Height= 5-10 mm, Should be filled with Betatricalcium phosphate.	All can apply
F.	Monoidal & Polyaxial Pedicle Screw System for Posterior stabilization of thoracolumbar spine	The system should be Pedicle Screw System for posterior stabilization of the thoracolumbar spine	All can apply

S. No.	Item Name	Specification	Recommended Make
		<p>The system should be low profile. The System must have Screw Diameter of 4mm to 8mm, Length from 20mm to 100mm. The System must have option of rod diameter 5mm to 6mm. The system must have polyaxial pedicle screws with 25 to 50 degree of angulation and have the option for monoidal screws. The System should have instrument for Deformity cases</p> <p>The system must have the option of transverse connectors and transverse bars with various lengths. The system should also have reduction screws for Listhesis cases.</p>	
G.	Cervical Locking Plate	<p>It should be made up of titanium alloy The plate should be 1.8mm and 2.5mm thick and 16mm and 17.5mm wide</p> <p>Should be available in 1, 2, 3 &amp; 4 level Should have locking mechanism to prevent screw pull out.</p> <p>Should have pre-machined lordotic curve Screw should be made available in 4, 4.5mm dia with length from 10mm to 20mm increments Screw should be self-drilling, self-tapping, fixed angled and variable angled</p>	All can apply
H.	Flexible Rod	<p>Hekical rod which allows motion System should allow for placement of helical groove at 1 level &amp; solid rod at the adjacent level Solid portion of the rod should be available in both straight &amp; curved versions</p> <p>Pre-cut rod should be available in different lengths Rod should be compatible with cannulated screw system</p>	All can apply
I.	Percutaneous Pedicle Screw Fixation and Instrumentation System for Single/Multilevel 4 Screw Construct	<p>The System should have Single and Multiple level capability</p> <p>The system should have Monoidal/Polyaxial/Reduction screw with top loading locking Mechanism.</p> <p>The system should have 5mm to 6mm Diameter rod Curved/Straight with variable length.</p> <p>The system should have cannulated screw 4mm to 8mm diameter with variable length.</p>	All can apply
J.	Lateral Mass & Occipitocervical Module	<p>"Three-in-One" set of options that provide adjustability, flexibility, and adaptability to accommodate for anatomical challenges within the occipitocervical spine.</p> <p>System implants should give surgeons choice of adjustable OC plate, midline plates, Clamps, plate/rods, and screw connectors.</p> <p>System should have versatile occipitocervical connection options with adjustable and preserved rods.</p> <p>System should have flexible shaft and alternate angle instruments to address anatomical challenges in the occipitocervical spine.</p> <p>System should have an adjustable occipital plate with rotating and translating saddles for flexibility in rod placement System should have low-profile occipito-cervical fixation options</p> <p>System should have adjustable OC plate with multiple screw holes for flexible screw placement System should have adjustable OC plate with lateral screw placement for torsional stability System should have 3.5 mm to 5.0 mm diameter occipitocervical bone screws with 6mm to 18mm length.</p> <p>System should have occipitocervical adjustable rods with 360-degree flexibility with superior segment of 3.5 mm diameter and inferior segment of 3.2-</p>	All can apply

S. No.	Item Name	Specification	Recommended Make
		<p>mm/3.5/3.7mm diameter</p> <p>System should have occipitocervical adjustable rods compatible with occipital midline plates and occipital screwconnectors</p> <p>System should have flexibility in placement on the occiput in the cephalad/ caudal directions</p> <p>System should have longer offset connectors for flexibility in the medial/lateral plane</p> <p>System should have tapered/threaded rod for dorsal and cervical fixation.</p> <p>System should have screw diameter of 3.5mm to 4.5mm with Different length from 8 mm to 50mm.</p> <p>System should have shaft screw/partial threaded.</p> <p>System should have dominos connectors for various diameter.</p> <p>System should have Lamina and sublaminar hooks.</p>	
1005	Percutaneous Pedicle Screw Fixation and Instrumentation System for Single/Multilevel 6 ScrewConstruct	<p>The System should have Single and Multiple level capability</p> <p>The system should have Monoidal/Polyaxial/Reduction screw with top loading locking Mechanism.</p> <p>The system should have 5mm to 6mm Diameter rod Curved/Straight with variable length.</p> <p>The system should have cannulated screw 4mm to 8mm diameter with variable length.</p>	All can apply
1006	Percutaneous Pedicle Screw Fixation and Instrumentation System for Single/Multilevel 8 ScrewConstruct	<p>The System should have Single and Multiple level capability</p> <p>The system should have Monoidal/Polyaxial/Reduction screw with top loading locking Mechanism.</p> <p>The system should have 5mm to 6mm Diameter rod Curved/Straight with variable length.</p> <p>The system should have cannulated screw 4mm to 8mm diameter with variable length.</p>	All can apply
1007	Lateral Mass & Occipitocervical Module	<p>"Three-in-One" set of options that provide adjustability, flexibility, and adaptability to accommodate for anatomical challenges within the occipitocervical spine.</p> <p>System implants should give surgeons choice of adjustable OC plate, midline plates, Clamps, plate/ rods, and screw connectors.</p> <p>System should have versatile occipitocervical connection options with adjustable and preserved rods.</p> <p>System should have flexible shaft and alternate angle instruments to address anatomical challenges in the occipitocervical spine.</p> <p>System should have an adjustable occipital plate with rotating and translating saddles for flexibility in rod placement</p> <p>System should have low-profile occipito-cervical fixation options</p> <p>System should have adjustable OC plate with multiple screw holes for flexible screw placement</p> <p>System should have adjustable OC plate with lateral screw placement for torsional stability</p> <p>System should have 3.5 mm to 5.0 mm diameter occipitocervical bone screws with 6mm to 18mm length.</p> <p>System should have occipitocervical adjustable rods with 360-degree flexibility with superior segment of 3.5 mm diameter and inferior segment of 3.2-mm/3.5/3.7mm diameter</p> <p>System should have occipitocervical adjustable rods compatible with occipital midline plates and occipital screw connectors</p> <p>System should have flexibility in placement on the occiput in the cephalad/ caudal directions</p> <p>System should have longer offset connectors for flexibility in the medial/lateral plane</p> <p>System should have tapered/threaded rod for</p>	All can apply

S. No.	Item Name	Specification	Recommended Make
		dorsal and cervical fixation. System should have screw diameter of 3.5mm to 4.5mm with Different length from 8 mm to 50mm. System should have shaft screw/partial threaded. System should have dominos connectors for various diameter. System should have Lamina and sublaminar hooks.	
1008	Three part laparoscopic autoclavable KELLY/ Maryland Dissecting and Grasping Forcep, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button. 5 in number		All can apply
1009	Three part laparoscopic autoclavable CROCE-OLMI Grasping Forcep, 360 degree rotational sheath, size 5 mm, length 36 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.		All can apply
1010	Three part laparoscopic autoclavable Bowel Grasping Forcep, double action jaws, fenestrated, 360 degree rotational sheath, size 5 mm, length 36 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, canbe dismantled with the press of a button.		All can apply
1011	Three part laparoscopic autoclavable Right Angled Dissecting and Grasping Forcep, double action jaws, , 360 degree rotational sheath, size 5 mm, length 36 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, canbe dismantled with the press of a button		All can apply
1012	Three part laparoscopic autoclavable MANHES Grasping Forcep with ratchet, Tiger Jaws, 2X4 teeth, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.		All can apply
1013	Three part laparoscopic autoclavable ANVIL/ Babcock Grasping Forcep, double action jaws, fenestrated, 360 degree rotational sheath, size 5 mm, length 36 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the fingerringtoavoidpressuresores,canbe dismantled with the press of a button		All can apply
1014	Three part laparoscopic autoclavablev MANHES Grasping Forcep with Hemostat style ratchet, duck-bill jaws, blunt, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, long, single action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, canbe dismantled with the press of a button.		All can apply
1015	Three part laparoscopic autoclavable CLAW GraspingForcepwithratchet,2X3teeth,360 degreerotationalsheath,size10mm,length		All can apply

S. No.	Item Name	Specification	Recommended Make
	36 cm, long, single action jaws, with ergonomic metal handle, can be dismantled with the press of a button.		
1016	Three part laparoscopic autoclavable Curved METZENBAUM Scissors, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button		All can apply
1017	1Three part laparoscopic autoclavable Hook Scissors, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.		All can apply
1018	Scissors Insert and outer tube, METZENBAUM Scissors, curved, length of blades 12 mm, double action jaws, size 5 mm, length 36 cm, package of 10, sterile, disposable		All can apply
1019	Scissors Insert with Outer Sheath, curved, double action jaws, spoon-shaped jaws, length of blades 17 mm, size 5 mm, and length 36 cm		All can apply
1020	Surgical Sponge Holder, for atraumatic dissection of tissue layers, size 5 mm, length 30 cm, consisting of: Handle, Outer Sheath, insulated Sponge Holder Insert.		All can apply
1021	Ergonomic Plastic Handles with Larger contact area at the finger rings with connector pin for unipolar coagulation, with or without ratchet, compatible with above asked instruments		All can apply
1022	Dissecting-Electrode with exchangeable electrode L-tip, autoclavable, ergonomic handling, size 5 mm, length 36 cm, with connector pin for unipolar coagulation		All can apply
1023	Three part laparoscopic autoclavable Bowel Grasping Forcep, double action jaws, fenestrated, 360 degree rotational sheath, size 5 mm, length 26-30 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.		All can apply
1024	Three part laparoscopic autoclavable Right Angled Dissecting and Grasping Forcep, double action jaws, , 360 degree rotational sheath, size 5 mm, length 26 - 30 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button		All can apply
1025	Three part laparoscopic autoclavable MANHES Grasping Forcep with ratchet, Tiger Jaws, 2X4 teeth, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 26 - 30 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button.		All can apply
1026	Three part laparoscopic autoclavable ANVIL/ Babcock Grasping Forcep, double action jaws, fenestrated, 360 degree rotational sheath,		All can apply

S. No.	Item Name	Specification	Recommended Make
	size 5 mm, length 26 - 30 cm, long, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button		
1027	Three part laparoscopic autoclavablev MANHES Grasping Forcep with Hemostat style ratchet, duck-bill jaws, blunt, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 26 – 30 cm, long, single action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressuresores, can be dismantled with the press of a button.		All can apply
1028	Three part laparoscopic autoclavable CLAW Grasping Forcep with ratchet, 2X3 teeth, 360 degreerotationalsheath,size10mm,length 36 cm, long, single action jaws, with ergonomic metal handle, can bedismantled with the press of a button.		All can apply
1029	Three part laparoscopic autoclavable Curved METZENBAUM Scissors, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 26 - 30 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button		All can apply
1030	1Three part laparoscopic autoclavable Hook Scissors, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 26 - 30 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled withthe press of a button.		All can apply
1031	Scissors Insert and outer tube, METZENBAUM Scissors, curved, length of blades 12 mm, double action jaws, size 5 mm, length 26 - 30 cm, package of 10, sterile, disposable		All can apply
1032	Scissors Insert with Outer Sheath, curved, double action jaws, spoon-shaped jaws, length of blades 17 mm, size 5 mm, andlength 26 - 30 cm		All can apply
1033	Surgical Sponge Holder, for atraumatic dissection of tissue layers, size 5 mm, length 26 - 30 cm, consisting of: Handle,Outer Sheath, insulated Sponge Holder Insert.		All can apply
1034	Ergonomic Plastic Handles with Larger contact area at the finger rings with connector pin for unipolar coagulation, with or without ratchet, compatible with aboveasked instruments		All can apply
1035	Dissecting-Electrode with exchangeable electrode L-tip, autoclavable, ergonomic handling, size 5 mm, length 26 - 30 cm, with connector pin for unipolar coagulation		All can apply
1036	Unipolar HF Cord		All can apply
1037	Fascial Closure Instrument for subcutaneous ligature of trocar incisions, size 2.8 mm, length 17 cm,		All can apply
1038	<b>Trocar &amp; Cannula:</b> Cannula size: 13.5 mm diameter; should have multifunctional valve to prevent damage of sharp instruments and tip lens while passing through the cannula valve. It should have stopcock for CO2 insufflation. Trocarshould havepyramidaltipwithpinholesnearthetip		All can apply

S. No.	Item Name	Specification	Recommended Make
	for safety outlet of CO2 gas. The working length of the cannula should be 110 or more mm		
1039	Cannula size: 11 mm diameter; should have multifunctional valve to prevent damage of sharp instruments and tip lens while passing through the cannula valve. It should have stopcock for CO2 insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO2 gas. The working length of the cannula should be 105 mm.		All can apply
1040	Cannula size: 5.5-6mm diameter; should have multifunctional valve to prevent damage of sharp instruments and tip lens while passing through the cannula valve. It should have stopcock for CO2 insufflation. Trocar should have pyramidal tip with pin holes near the tip for Safety outlet of CO2 gas. The working length of the cannula should be 105 mm.		All can apply
1041	Double reducer, 13.5/10 & 13.5/5mm.		All can apply
1042	Reducer, 11/5 mm		All can apply
1043	10mmHassan'scannula.UsedforTEPrepair		All can apply
1044	<b>Veress Needle</b> Veress Pneumoperitoneum needle with spring loaded blunt inner cannula, LUER-Lock, autoclavable, diameter 2.1mm, working length 10- 18cms.		All can apply
1045	<b>Injection Needle</b> Injection needle, LUER-lock, diameter 1.2 mm, size 5 mm, length 36 cm. Read as: Injection needle, LUER-lock,diameter 1.2 mm, size 5 mm, length 36 cm		All can apply
1046	<b>Suction and irrigation 2 way system.</b> simple 2 way up and down suction cannula with 36 cm. 5 mm.		All can apply
1047	<b>LAPAROSCOPIC NEEDLE HOLDERS</b> Macro needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic pistol handle, with disengageable ratchet, jaw curved to left, size: 5mm, length: 33 - 36cm for use with suture material size: 0/0 to 7/0. Right curved tip.		All can apply
1048	<b>LAPAROSCOPIC NEEDLE HOLDERS</b> Macro needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic pistol handle, with disengageable ratchet, jaw curved to left, size: 5mm, length: 33 - 36cm for use with suture material size: 0/0 to 7/0. Left curved tip.		All can apply
1049	<b>LAPAROSCOPIC NEEDLE HOLDERS</b> Macro needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic pistol handle, with disengageable ratchet, jaw curved to left, size: 5mm, length: 33 - 36cm for use with suture material size: 0/0 to 7/0. Straight tip.		All can apply
1050	<b>LAPAROSCOPIC NEEDLE HOLDERS</b> Macro needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic with		All can apply

S. No.	Item Name	Specification	Recommended Make
	disengageable ratchet, jaw curved to left, size: 5mm, length: 33 - 36cm for use with suture material size: 0/0 to 7/0. Right curved tip. One coaxial.		
1051	<b>LAPAROSCOPIC NEEDLE HOLDERS</b> Macro needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic with disengageable ratchet, jaw curved to left, size: 5mm, length: 33 - 36cm for use with suture material size: 0/0 to 7/0. Left curved tip. One coaxial.		All can apply
1052	<b>LAPAROSCOPIC NEEDLE HOLDERS</b> Macro needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic with disengageable ratchet, jaw curved to left, size: 5mm, length: 33 - 36cm for use with suture material size: 0/0 to 7/0. Straight tip. One coaxial.		All can apply
1053	<b>Laparoscopic Bipolar Forceps</b> Three part laparoscopic Bipolar Coagulating Grasping Forceps with overload tissue protection, Wide jaws, with connector pin for bipolar coagulation, 360 degree rotational sheath, size 5 mm, length 36 cm, long, single action jaws, ergonomic Plastic handle with larger contact area, O can be dismantled with the press of a button		All can apply
1054	Bipolar HF Connecting Cable		All can apply
1055	<b>Clip Applicator:</b> Medium Large clip applicator dismantable rotating size: 10mm, length 36cm, for Titanium clips with ratchet to lock the jaw holding the clip.		All can apply
1056	<b>Clip Applicator:</b> Large clip applicator dismantable rotating size: 10mm, length 36cm, for Titanium Clips with ratchet to lock the jaw holding the clip.		All can apply
1057	<b>Titanium Clips:</b> Titanium clips medium large & large, box with 16 sterile cartridges, 10 clips each For use with clip applicator.		All can apply
1058	Knotless Tissue Closure	Barbed Sutures Polydioxanone Absorbable 3-0 ½ circle Taper Point CE Certified	All can apply
1059	Knotless Tissue Closure	Barbed Sutures Polydioxanone Absorbable 2-0 ½ circle Taper point CE Certified	All can apply
1060	Tunnelled Cuffed Double Lumen Chronic Dialysis Catheter: USFDA / ECE & ISO certified Sterile pack Biocompatible Sterile Kink resistant Material should be biocompatible, Complete sterile pack including complete kit. Chronic HD catheter with symmetric tip design improve patency and flow as high as 500 ml/min design, size 14.5 Fr size, less than 1% recirculation rate Tapered Cuff, and 360 degree side holes with airguard Should have preloaded hollow stylet in order to have ease of insertion in straight catheters. Catheter type: Straight	Size: 15 cm Size: 19 cm Size: 23 cm Size: 27 cm Size: 31 cm Size: 35 cm  Size: 42 cm	All can apply
1061	Tunneled Cuffed Double Lumen Chronic Dialysis Catheter: USFDA / ECE & ISO certified Sterile pack Biocompatible Sterile Kink	Size: 19 cm Size: 24 cm Size: 28 cm	All can apply



S. No.	Item Name	Specification	Recommended Make
	resistant Material should be biocompatible, Complete sterile pack including complete kit. Chronic HD catheter with symmetric tip design improve patency and flow as high as 500 ml/min design, size 14.5 Fr size, less than 1% recirculation rate Tapered Cuff, and 360 degree side holes with airguard Should have preloaded hollow stylet in order to have ease of insertion in straight catheters. Catheter type: Curved	Size: 31 cm	
1062	USFDA/ECE & ISO certified Sterile pack Biocompatible Sterile Kink resistant Material should be biocompatible, Complete sterile pack including complete kit, Chronic HD catheter, Split tip	Size: 19 cm Size: 23 cm Size: 24 cm Size: 27 cm	All can apply
1063	High Cut-Off Dialyzer with Tubing		All can apply
1064	Self-adhesive absorbent surgical dressing with soft silicone adhesive wound contact layer designed for exuding wounds with polyurethane foam as backing material water proof, bacterial proof, viral proof. Wound Pad absorption layer made up of Polycrylate fibres & Polyester fibres with high exudate absorption & retention capacity. Wound Pad comes with Flex Cut technology for high dressing flexibility that support early patient surgical site mobility post-surgery. Wound pad Acquisition & spreading layer made up of Polyethylene / Polypropylene fibres. A protective release liner made up of Polyethylene film.	Size: 10 x 20 cm Size: 10 x 25 cm Size: 6 x 8 cm Size: 10 x 30 cm	All can apply
1065	Incise Drape comprised of polyester, breathable, low memory backing, coated with Pressure Sensitive Acrylate, US-FDA, BSI, ISO Approved.	15 cm x 20 cm 1040 – 61 cm x 35 cm 1050 – 91 cm x 45 cm	All can apply
1066	Silicone Balloon HSG Catheter		All can apply
1067	Intra Uterine Insemination Catheter-Curved tip with Inner Cannula		All can apply
1068	Hydrofiber Dressings with Ionic Silver, EDTA & BEC for Wounds suspected of Biofilm	Stich Bonded Hydrofiber Dressings with 1.2% w/w Impregnated Ionic Silver , Ethylene-Di-Amine Tetra Acetic, Benzothienium Chloride capable of Bio-Film Destruction and Reformation with Sustained on demand Broad Spectrum Antimicrobial & Bactericidal efficacy for Chronically Infected wounds having High Exudate management capabilities recommended for Low to High Exuding Wounds and capable of Locking in Exudates in Gel Form 10X10	All can apply
1069	Hydrofiber Dressings with Ionic Silver, EDTA & BEC for Wounds suspected of Biofilm	Stich Bonded Hydrofiber Dressings with 1.2% w/w Impregnated Ionic Silver , Ethylene-Di-Amine Tetra Acetic, Benzothienium Chloride capable of Bio-Film Destruction and Reformation with Sustained on demand Broad Spectrum Antimicrobial & Bactericidal efficacy for Chronically Infected wounds having High Exudate management capabilities recommended for Low to High Exuding Wounds and capable of Locking in Exudates in Gel Form 15X15	All can apply
1070	Hydrofiber Dressings with Ionic Silver, EDTA & BEC for Wounds suspected of Biofilm	Stich Bonded Hydrofiber Dressings with 1.2% w/w Impregnated Ionic Silver , Ethylene-Di-Amine Tetra Acetic, Benzothienium Chloride capable of Bio-Film Destruction and Reformation with Sustained on demand Broad Spectrum Antimicrobial & Bactericidal efficacy for Chronically Infected wounds having High Exudate management capabilities recommended for Low to High Exuding Wounds and capable of Locking in Exudates in Gel Form 20X30	All can apply
1071	Stich Bonded Hydrofiber Dressings comprising	Stich Bonded Hydrofiber Dressings with 1.2% w/w	All can apply

S. No.	Item Name	Specification	Recommended Make
	of Sodium Carboxy Methyl Cellulose with High exudate management capability and Self Adherent Occlusive Waterproof Moist Wound Dressing made up of Triple Hydrocolloid,elastomeric polymer matrix	Impregnated Ionic Silver with Sustained on demand Broad Spectrum Antimicrobial & Bactericidal activity with High Exudate management capabilities of locking in Exudates in Gel form and Self Adherent Waterproof Moist Wound Dressing made up of Triple Hydrocolloid elastomeric polymer MatrixSize 9X10cm	
1072	Stich Bonded Hydrofiber Dressings comprising of Sodium Carboxy Methyl Cellulose with High exudate management capability and Self Adherent Occlusive Waterproof Moist Wound Dressing made up of Triple Hydrocolloid,elastomeric polymer matrix	Stich Bonded Hydrofiber Dressings with 1.2% w/w Impregnated Ionic Silver with Sustained on demand Broad Spectrum Antimicrobial & Bactericidal activity with High Exudate management capabilities of locking in Exudates in Gel form and Self Adherent Waterproof Moist Wound Dressing made up of Triple Hydrocolloid elastomeric polymer MatrixSize 9X25cm	All can apply
1073	Stich Bonded Hydrofiber Dressings comprising of Sodium Carboxy Methyl Cellulose with High exudate management capability and Self Adherent Occlusive Waterproof Moist Wound Dressing made up of Triple Hydrocolloid,elastomeric polymer matrix	Stich Bonded Hydrofiber Dressings with 1.2% w/w Impregnated Ionic Silver with Sustained on demand Broad Spectrum Antimicrobial & Bactericidal activity with High Exudate management capabilities of locking in Exudates in Gel form and Self Adherent Waterproof Moist Wound Dressing made up of Triple Hydrocolloid elastomeric polymer MatrixSize 9X30cm	All can apply
1074	Foam Dressing with Silion Border Adhesion	Non-Adherent Four Layered Foam Dressings Comprised of Protective Polyurethane Top Layer, Soft Foam,Stich bonded Hydrofiber & Silicone Border used as Primary and Secondary Dressings, recommended for Medium to High Exuding wounds, Capable of Sequestering Fluid without LateralSpreadEffect&preventmacerationSize 12.5 X 12.5cm	All can apply
1075	Foam Dressing with Silion Border Adhesion for Heel	Adherent Foam Dressings Comprised of Protective Polyurethane Top Layer, Soft Foam,Stich bonded Hydrofiber with 1.2% w/w Impregnated Ionic Silver with sustained on demand Broad Spectrum Antimicrobial & Bactericidal Activity recommended for Medium to High Exuding wounds capable of Sequestering Fluid in Gel Form without Lateral Spread Effect & Soft Silicone Adhesive Border For Heel	All can apply
1076	Foam Dressing with Silion Border Adhesion for Sacral	Adherent Foam Dressings Comprised of Protective Polyurethane Top Layer, Soft Foam,Stich bonded Hydrofiber with 1.2% w/w Impregnated Ionic Silver with sustained on demand Broad Spectrum Antimicrobial & Bactericidal Activity recommended for Medium to High Exuding wounds capable of Sequestering Fluid in Gel Form without Lateral Spread Effect & Soft Silicone Adhesive Border for Sacrum	All can apply
1077	Burns Dressings-GLOVE Form with Ionic Silver	Stich Bonded Hydrofiber Burns Dressings with 1.2% Impregnated Ionic Silver with Sustained and on demand Broad Spectrum Antimicrobial & Bactericidal activity with High Exudate management capability with a Wear time of 21 Days & Locking in Exudates in GEL Form-Standard Glove Size-5	All can apply
1078	Burns Dressings-GLOVE Form with Ionic Silver	Stich Bonded Hydrofiber Burns Dressings with 1.2% Impregnated Ionic Silver with Sustained and on demand Broad Spectrum Antimicrobial & Bactericidal activity with High Exudate management capability with a Wear time of 21 Days & Locking in Exudates in GEL Form-Standard Glove Size-4	All can apply
1079	Closed System Urine Bag	"Individually packed sterile urine bag with Non-Return Valve, 2000 ml capacity, Needle free Kombicon port, 3µ hydrophobic filter, Integrated hanger and tube clamp, fitted with cross valve bottom outlet"	All can apply
1080	Hourly Diuresis Monitoring System	Closed system for hourly urine measurement - closed urine measuring system with graduated transparent chamber starting from 1 ml to500ml	All can apply

S. No.	Item Name	Specification	Recommended Make
		capacity, consisting of fine measuring sections with a capacity and Two non return valve, collection chamber. Dual chambered 120cm kink Resistant tubing, tapered connector with Kombicon Needle free sampling port, flexible fastening strap for easy hanging. Sterile individually packed in peel open pack with 2 L storage capacity,	
1081	Dressing - Triple Layered Anti-microbial Foam dressing, having Silver sulfate, with Activated Carbon and Silver content 1.2mg/cm sq, Active silver release for 168 hrs (7 days), with Polyurethane Backing film as Water, Bacterial and Viral Barrier, With Soft silicone wound contact layer, Imported & approved by both USFDA & C.E.	Size: 10 cm x 10 cm Size: 12.5 cm x 12.5 cm Size: 15 cm x 15 cm Size: 17.5 cm x 17.5 cm Size: 20 cm x 20 cm Size: 10 cm x 20 cm Size: 20 cm x 50 cm	All can apply
1082	Dressing - Triple Layered Anti-microbial Foam dressing, having Silver sulfate,with Activated Carbon and Silver content 1.2mg/cm sq, Active silver release for 168 hrs (7 days), with Polyurethane Backing film as Water, Bacterial and Viral Barrier, With Soft silicone wound contact layer Heel shaped for heel dressing, Imported & approved by both USFDA & C.E.	Size: 13cm x 20cm	All can apply
1083	Dressing -Five Layered Highly absorbent Foam dressing with three layers of foamsabsorbent, spreading & retention layer, with self-adherent borders, bacterial & viral barrier, waterproof polyurethane backing film, with soft silicone wound contact layer, Imported & C.E. approved.	Size: 7.5 cm x 7.5 cm Size: 12.5 cm x 12.5 cm Size: 17.5 cm x 17.5 cm Size: 10 cm x 20 cm Size: 10 cm x 25 cm Size: 10 cm x 30 cm Size: 10 cm x 10 cm Size: 15 cm x 15 cm	All can apply
1084	Dressing -Five Layered Highly absorbent Foam dressing with three layers of foamsabsorbent, spreading & retention layer, with self-adherent borders, bacterial & viral barrier, waterproof polyurethane backing film, with soft silicone wound contact layer, sacral shaped for sacral pressure ulcer Imported & C.E. approved.	Size: 18 cm x 18 cm Size: 23 cm x 23 cm	All can apply
1085	Triple Layered absorbent Foam dressing with Polyurethane Backing film as Water, Bacterial and Viral Barrier. With Soft silicone Wound contact layer	Size: 10 cm x 10 cm Size: 12.5 cm x 12.5 cm Size: 15 cm x 15 cm Size: 17.5 cm x 17.5 cm Size: 10 cm x 20 cm Size: 13 cm x 20 cm Size: 20 cm x 20 cm Size: 20 cm x 50 cm	All can apply
1086	Dressing - Antimicrobial Five layered Highly absorbent Foam Dressing, , having Silver sulfate, with Activated Carbon and Silver content 1.2mg/cm sq, Active silver release for 168 hrs (7 days) with triple layers of foams, absorbent, spreading & retention layers, with self-Adherent Borders, Bacterial and viral barrier. Water proof polyurethane backing film with soft silicone wound contactlayer, Imported & approved by CE	Size: 12.5 cm x 12.5 cm Size: 7.5 cm x 7.5 cm Size: 10 cm x 10 cm Size: 15 cm x 15 cm Size: 17.5 cm x 17.5 cm Size: 15 cm x 20 cm Size: 10 cm x 25 cm Size: 10 cm x 20 cm Size: 10 cm x 30 cm	All can apply
1087	Dressing - Antimicrobial Five layered Highly absorbent sacrum shaped Dressing, contains , contains silver sulphate, with triple layers of foams, absorbent, spreading & retention layer, with Activated carbon and silvercontent 1.2 mg/cm sq Active silver release for 168 hrs (7 days), with selfAdherent Borders, with Polyurethane Backing film as Water, Bacterial and viral barrier. For Sacral Pressure ulcer, with soft silicone wound contact layer,	Size: 18 cm x 18 cm Size: 23 cm x 23 cm	All can apply

S. No.	Item Name	Specification	Recommended Make
	Imported & approved by both USFDA		
1088	Dressings Highly compressed Silicone for Scars with Shower proof Non-woven Backing film, with Ultra violet Protection Factor 5, Self Adherent, Imported & C.E. approved,	Size: 5 cm x 7.5 cm Size: 10 cm x 18 cm Size: 4 cm x 30 cm	All can apply
1089	Five layered Highly Absorbent Sacrum shaped Dressing with: Polyurethane Backing film as water, bacteria & viral barrier with soft silicone wound contact layer. Optimised Gluteal seal for enhanced protection of high-risk sacral areas Visual handling tabs provide the user information on dressing 'hold' position	Size: 22 cm x 25 cm Size: 16 cm x 20 cm	All can apply
1090	Five layered Highly Absorbent Heel Shaped Dressing with three layers of foam (retention layer made up of Polyacrylate fibers, spreading and absorption layers) Polyurethane Backing film as water, bacteria & viral barrier with soft silicone wound contact layer. Medial and lateral malleolus coverage providing enhanced protection Visual handling tabs provide the user information on dressing 'hold' position	Size: 22 cm x 23 cm	All can apply
1091	Dressing - Perforated Transparent Adhesive Polyurethane Dressing with Soft silicone wound contact layer, leaves no residue and does not dry out with usage up to 14 days, CE/USFDA approved.	Size: 5 cm x 7 cm Size: 10 cm x 18 cm Size: 17 cm x 25 cm Size: 7.5 cm x 10 cm	All can apply
1092	Thin Triple layer with Self Adherent Border soft Silicone dressing layer, Thin flexible Absorbent Foam and backing Polyurethane Backing film as Water, Bacterial and Viral Barrier. With Soft silicone Wound contact layer with usage upto 7 days	Size: 4 cm x 5 cm Size: 5 cm x 12.5 cm Size: 7.5 cm x 7.5 cm Size: 10 cm x 10 cm Size: 15 cm x 15 cm	All can apply
1093	IV filter set (CODON FILTER)	0.2 um PVC and DEHP free for transfusing taxols	All can apply
1094	Offset Connector Electrode (Adult)	Offset Connector Electrode It should have high conductive wet gel to ensure reliable traces. It should have superior adhesion to prevent false alarms It should be design with offset connector to prevent artefacts from disrupting the readouts It should have high quality Ag/AgCl sensor to ensure excellent trace quality It should have combination of instant and long-term adhesive which secures optimal fixation and precise recordings It should have breathable microporous and hypoallergenic material which ensures optimal skin care It should have size not more than 72 x 68 mm. Sizes –Adult	All can apply
1095	Offset Connector Electrode (Paediatrics)	Offset Connector Electrode It should have high conductive wet gel to ensure reliable traces. It should have superior adhesion to prevent false alarms It should be design with offset connector to prevent artefacts from disrupting the readouts It should have high quality Ag/AgCl sensor to ensure excellent trace quality It should have combination of instant and long-term adhesive which secures optimal fixation and precise recordings It should have breathable microporous and hypoallergenic material which ensures optimal skin care It should have size not more than 72 x 68 mm. Sizes	All can apply

S. No.	Item Name	Specification	Recommended Make
		–Paediatrics	
1096	Offset Connector Electrode (Neonatal)	<p>Offset Connector Electrode</p> <p>It should have high conductive wet gel to ensure reliable traces.</p> <p>It should have superior adhesion to prevent false alarms</p> <p>It should be design with offset connector to prevent artefacts from disrupting the readouts</p> <p>It should have high quality Ag/AgCl sensor to ensure excellent trace quality</p> <p>It should have combination of instant and long-term adhesive which secures optimal fixation and precise recordings</p> <p>It should have breathable microporous and hypoallergenic material which ensures optimal skin care</p> <p>It should have size not more than 72 x 68 mm. Sizes –Neonatal</p>	All can apply
1097	Single patient Use Resuscitator	<p>It should be single use resuscitator AMBU LIKE that is made from a SEBS polymer instead of PVC.</p> <p>It should have Safe Grip surface for secure handling in stressful environments. It should be coming in infant, paediatric, and adult sizes with color-coded for fast size identification</p> <p>It should have Ergonomic and lightweight design Fast recoil time allows for rapid ventilation</p> <p>It should have Easy attachment of manometer and PEEP valve</p> <p>It should have Unique single-shutter valve system for reliable functionality</p> <p>Swivel between valve and mask permits 360° positioning in relation to the patient</p> <p>It should have Integrated handle for user comfort and uniform compression</p> <p>It should have Thin-walled compression bag</p> <p>It should have Extremely low valve resistance for unimpeded airflow</p> <p>It should have Soft splashguard for user safety.</p> <p>Technical Specifications</p> <p>Resuscitator volume: Adult (1475 ml), Pediatric (635 ml), Neonate(220ml)</p> <p>Dimensions: Adult (295x127mm), Pediatric (234x99 mm), Neonate (168x71 mm)</p> <p>Weight: Adult (314 g), Pediatric (215 g), Neonate (140 g)</p> <p>(including reservoir and mask)</p> <p>It should be CE/ISO, US FDA certified</p>	All can apply
1098	Silicone Face Mask with Thumb Rest.	<p>Transparent dome for visual check of bleeding, vomitus and spontaneous breathing Thumb rest for a tight, easy seal</p> <p>Comfortable design and texture The buttoned-on cuff enables easy removal for</p> <p>Cleaning Can be autoclaved repeatedly at 134°C (except size 0A) Available in 7 sizes (0A, 0, 2, ¼, 5 &amp; 6)</p> <p>Size 0 with boring impedes ventilation pressures higher than approx. 40 cm H2O, enabling the user to administrate correct ventilation on smallchildren with a body weight of at least 15 kg (3 years)</p>	All can apply
1099	Disposable Face Mask with Thumb Rest	<p>Crystal clear dome for easy observation of the patient's condition Dome with thumb rest for an easy grip Soft, shaped, airfilled cuff allows a tight fit to the patient's face</p> <p>Supplied with hook ring; hook ring can easily be removed if not needed The single patient use concept offers minimized risk of cross infection Available in 6 sizes (1, 2, 3, 4, 5 &amp; 6) Phthalate-free material</p>	All can apply
1100	Applicator of Absorbable Hemostat Powder Microporous polysachharide Hemosphere in	14 cms (± 2 cms)	All can apply

S. No.	Item Name	Specification	Recommended Make
	(Flexitip)		
1101	Applicator of Absorbable Hemostat Powder Microporous polysachharide Hemosphere in (Flexitip)	38 cms (± 2 cms)	All can apply
1102	Polysacccharide hemostate powder		All can apply
1103	Microfibrillar Collagen Hemostat Non-Woven Web, USFDA Approved	3.5 cm x 3.5 cm 7 cm x 7 cm 7 cm x 3.5 cm	All can apply
1104	Microfibrillar Collagen Hemostat Sponge	2 cm x 6.25 cm x 7 cm 8 cm x 6.25 cm x 1 cm	All can apply
1105	PLP Chemoport, with Titanium internal chamber with Silicone Catheter	8 Fr – 8.5 Fr.	All can apply
1106	Power Titanium Chemoport with 8FR Silicone Catheter	8 Fr	All can apply
1107	Non absorbable fastener made up of medical grade stainless steel fitted with atraumatic polymer cap made from (PEEK) material to avoid metal exposure.	15 Fasteners 30 Fasteners	All can apply
1108	Tracheostomy tube cuffed with sub-glottic suction line and with 2 inner cannula kit.		All can apply
1109	Dry lithium Heparin pre filled ABG Syringe with air removal filter cap 1ml.		All can apply
1110	Dry lithium Heparin pre filled ABG Syringe with air removal filter cap 3ml.		All can apply
1111	Volume based incentive spirometer with oxygen port with 2500 ml maximum inspiratory capacity.		All can apply
1112	Four Lumen Central Line (Quadra) with Y needle and non-kinkable nitinol guide wire 8.5 fr with 15cm/20 cm length with tecoflex catheter		All can apply
1113	Four Lumen Central Line (Quadra) with straight needle and non-kinkable nitinol guide wire 8.5 fr with 15cm/20cm with tecoflex catheter		All can apply
1114	Double lumen closed suction set for endotracheal tube with MDI adapter, trach wedge for cleaning and freely movable swivel connector.		All can apply
1115	Double lumen closed suction set for tracheostomy tube with MDI adapter, trach wedge for cleaning and freely movable swivel connector.		All can apply
1116	Non absorbable suture	2mm, Braided Polyblend suture with tapered needle USFDA / European CE / ISO 13485	All can apply
1117	Non absorbable Tape	Braided Polyblend suture, 30" USFDA / European CE / ISO 13485	All can apply
1118	Fibre wire with needle	2mm, A Braided Polyblend suture with tapered needle USFDA / European CE / ISO 13485	All can apply
1119	Scorpion Needle	Compatible with knee and shoulder scorpion instruments respectively USFDA / European CE / ISO 13485	All can apply
1120	Pulse Lavage	It should be battery operated It should be easy to use-spike and shoot It should have ergonomic design for less hand fatigue It should be completely disposable It should be light weight and portable There should be a lock mechanism so that pulsed lavage can be locked at full speed. Application: Total hip, total knee, hip and knee revision, Trauma, Wound Care, washouts Large variety of tips The battery pack should hold 8AA batteries attached to spike for light weight handpiece. USFDA / European CE / ISO 13485	All can apply
1121	Reusable arthroscopic cannulated obturator	8.5 mm cannula for easy cannula insertion 7 mm cannula for easy cannula insertion 5.5 mm cannula for easy cannula insertion	All can apply

S. No.	Item Name	Specification	Recommended Make
		USFDA / European CE/ ISO 13485	
1122	<b>Arthroscopy cannula silicon flexible</b> One piece design with low profile flanges that seat flush to skne and tissues, easily insertable, flexibleflanges Specers of 5 mm increments for better fit USFDA / European CE / ISO 13485	6 mm, 2 cm length	All can apply
		6 mm, 3 cm length	
		6 mm, 4 cm length	
		6 mm, 5 cm length	
		8 mm, 2 cm length	
		8 mm, 3 cm length	
		8 mm, 4 cm length	
		8 mm, 5 cm length	
		10 mm 2 cm length	
		10 mm 3 cm length	
		10 mm 4 cm length	
		10 mm 5 cm length	
1123	<b>Arthroscopy screw in cannula – non flexible</b> With disposable obturator / reusable obturator USFDA / European CE / ISO 13485	Diameter 6 mm, Length 7 cm	All can apply
		Diameter 7 mm, Length 7 cm	
		Diameter 8 mm, Length 7 cm	
1124	Amplatz PCNL Dilator Set	Radiopaque PCNL dilator set (amplatz sheath with dilators) made of high quality material, must have hydrophic coating, size 8-30 fr, with cobra catheter	All can apply, should have European CE four-digit genuine CE certified/USFDA approved
1125	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.018 inches diameter, 150 cm long, 3cmflexible tip, Straight tip, should be radio-opaque	All can apply
1126	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.018 inches diameter, 150 cm long, 3cmflexible tip, Angle tip, should be radio-opaque	All can apply
1127	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.018 inches diameter, 150 cm long, 3cmflexible tip, J tip, should be radio-opaque	All can apply
1128	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.025 inches diameter, 150 cm long, 3cmflexible tip, Straight tip, should be radio-opaque	All can apply
1129	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.025 inches diameter, 150 cm long, 3cmflexible tip, Angle tip, should be radio-opaque	All can apply
1130	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.025 inches diameter, 150 cm long, 3cmflexible tip, J tip, should be radio-opaque	All can apply
1131	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.032 inches diameter, 150 cm long, 3cmflexible tip, Straight tip, should be radio-opaque	All can apply
1132	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.032 inches diameter, 150 cm long, 3cmflexible tip, Angle tip, should be radio-opaque	All can apply
1133	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.032 inches diameter, 150 cm long, 3cmflexible tip, J tip, should be radio-opaque	All can apply
1134	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.035 inches diameter, 150 cm long, 3cmflexible tip, Straight tip, should be radio-opaque	All can apply
1135	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.035 inches diameter, 150 cm long, 3cmflexible tip, Angle tip, should be radio-opaque	All can apply
1136	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.035 inches diameter, 150 cm long, 3cmflexible tip, J tip, should be radio-opaque	All can apply
1137	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.038 inches diameter, 150 cm long, 3cmflexible tip, Straight tip, should be radio-opaque	All can apply
1138	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.038 inches diameter, 150 cm long, 3cmflexible tip, Angle tip, should be radio-opaque	All can apply
1139	Nitinol core Hydrophilic coated guidewire	Hydrophilic coating, kink resistant nitinol alloycore, 0.038 inches diameter, 150 cm long, 3cmflexible tip, J tip, should be radio-opaque	All can apply
1140	Nitinol core guidewire with outer PTFE jacket	Kink resistant nitinol alloy core, Flexible outer PTFE jacket, outer surface designed to provide visualization of wire movement, should beradio-	All can apply



S. No.	Item Name	Specification	Recommended Make
		opaque, 0.025 inches diameter, 150 cm long, 3cm straight tip	
1141	Nitinol core guidewire with outer PTFE jacket	Kink resistant nitinol alloy core, Flexible outer PTFE jacket, outer surface designed to provide visualization of wire movement, should be radio-opaque, 0.025 inches diameter, 150 cm long, 3cm angle tip	All can apply
1142	Nitinol core guidewire with outer PTFE jacket	Kink resistant nitinol alloy core, Flexible outer PTFE jacket, outer surface designed to provide visualization of wire movement, should be radio-opaque, 0.032 inches diameter, 150 cm long, 3cm straight tip	All can apply
1143	Nitinol core guidewire with outer PTFE jacket	Kink resistant nitinol alloy core, Flexible outer PTFE jacket, outer surface designed to provide visualization of wire movement, should be radio-opaque, 0.035 inches diameter, 150 cm long, 3cm straight tip	All can apply
1144	Nitinol core guidewire with outer PTFE jacket	Kink resistant nitinol alloy core, Flexible outer PTFE jacket, outer surface designed to provide visualization of wire movement, should be radio-opaque, 0.035 inches diameter, 150 cm long, 3cm angle tip	All can apply
1145	Nitinol core guidewire with outer PTFE jacket	Kink resistant nitinol alloy core, Flexible outer PTFE jacket, outer surface designed to provide visualization of wire movement, should be radio-opaque, 0.038 inches diameter, 150 cm long, 3cm straight tip	All can apply
1146	Nitinol core guidewire with outer PTFE jacket	Kink resistant nitinol alloy core, Flexible outer PTFE jacket, outer surface designed to provide visualization of wire movement, should be radio-opaque, 0.038 inches diameter, 150 cm long, 3cm angle tip	All can apply
1147	Nitinol-PTFE guidewire with hydrophilic tip and flexible proximalend	Kink resistant nitinol alloy core, outer PTFE coating, distal 5 cm should be hydrophilic coated and floppy, proximal 10 cm should be flexible to enable passage of flexible ureterscope, should beradio-opaque, 0.035 inches diameter, 150 cm long, 3cmstraight tip	All can apply
1148	Nitinol-PTFE guidewire with hydrophilic tip and flexible proximalend	Kink resistant nitinol alloy core, outer PTFE coating, distal 5 cm should be hydrophilic coated and floppy, proximal 10 cm should be flexible to enable passage of flexible ureterscope, should be radio-opaque, 0.035 inches diameter, 150 cm long, 3cm angle tip	All can apply
1149	Nitinol-PTFE guidewire with hydrophilic tip and flexible proximalend	Kink resistant nitinol alloy core, outer PTFE coating, distal 5 cm should be hydrophilic coated and floppy, proximal 10 cm should be flexible to enable passage of flexible ureterscope, should beradio-opaque, 0.038 inches diameter, 150 cm long, 3cmstraight tip	All can apply
1150	Nitinol-PTFE guidewire with hydrophilic tip and flexible proximalend	Kink resistant nitinol alloy core, outer PTFE coating, distal 5 cm should be hydrophilic coated and floppy, proximal 10 cm should be flexible to enable passage of flexible ureterscope, should be radio-opaque, 0.038 inches diameter, 150 cm long, 3cm angle tip	All can apply
1151	Nitinol-PTFE guidewire with hydrophilic tip	Kink resistant nitinol alloy core, outer PTFE coating, distal 5 cm should be hydrophilic coated and floppy, should be radio-opaque, 0.035 inches diameter, 150 cm long, 3cm straight tip	All can apply
1152	Nitinol-PTFE guidewire with hydrophilic tip	Kink resistant nitinol alloy core, outer PTFE coating, distal 5 cm should be hydrophilic coated and floppy, should be radio-opaque, 0.035 inches diameter, 150 cm long, 3cm angle tip	All can apply
1153	Nitinol-PTFE guidewire with hydrophilic tip	Kink resistant nitinol alloy core, outer PTFE coating, distal 5 cm should be hydrophilic coated and floppy, should be radio-opaque, 0.038 inches diameter, 150 cm long, 3cm straight tip	All can apply
1154	Nitinol-PTFE guidewire with hydrophilic tip	Kink resistant nitinol alloy core, outer PTFE coating, distal 5 cm should be hydrophilic coated andfloppy, should be radio-opaque, 0.038 inches diameter,150	All can apply



S. No.	Item Name	Specification	Recommended Make
		cm long, 3cm angle tip	
1155	Stone basket	4 wire basket, 115 cm length, 1.7 Fr	All can apply
1156	Stone basket	4 wire basket, 115 cm length, 2.8 Fr	All can apply
1157	Stone basket	4 wire basket, 115 cm length, 3.2 Fr	All can apply
1158	Helical Stone basket	3 wire basket with helical design, 115 cm length, 2.8 Fr	All can apply
1159	Helical Stone basket	3 wire basket with helical design, 115 cm length, 3.2 Fr	All can apply
1160	Helical Stone basket	4 wire basket with helical design, 115 cm length, 2.8 Fr	All can apply
1161	Helical Stone basket	4 wire basket with helical design, 115 cm length, 3.2 Fr	All can apply
1162	Three prong grasper	Grasper with three prongs, 115 cm length, 2.8 Fr, maximum grasping diameter- 5 mm	All can apply
1163	Three prong grasper	Grasper with three prongs, 115 cm length, 2.8 Fr, maximum grasping diameter- 15 mm	All can apply
1164	Three prong grasper	Grasper with three prongs, 115 cm length, 3.2 Fr, maximum grasping diameter- 15 mm	All can apply
1165	Three prong grasper	Grasper with three prongs, 40 cm length, 5 Fr, maximum grasping diameter- 20 mm	All can apply
1166	Three prong grasper	Grasper with three prongs, 60 cm length, 5 Fr, maximum grasping diameter- 20 mm	All can apply
1167	Tipless stone extractor	Nitinol stone extractor, tipless design preferably with delta wire design, 115 cm length, 2.2 Fr, Basket diameter- 1 cm	All can apply
1168	Tipless stone extractor	Nitinol stone extractor, tipless design preferably with delta wire design, 115 cm length, 2.4 Fr, Basket diameter- 1 cm	All can apply
1169	Tipless stone extractor	Nitinol stone extractor, tipless design preferably with delta wire design, 115 cm length, 3 Fr, Basket diameter- 1 cm	All can apply
1170	Tipless stone extractor	Nitinol stone extractor, tipless design preferably with delta wire design, 65 cm length, 3 Fr, Basket diameter- 1 cm	All can apply
1171	Tipless stone extractor	Nitinol stone extractor, tipless design preferably with delta wire design, 65 cm length, 4.5 Fr, Basket diameter- 2 cm	All can apply
1172	Tipless stone extractor	Nitinol stone extractor, tipless design preferably with delta wire design, stainless steel cannula, 38 cm length, 10 Fr, Basket diameter- 2 cm	All can apply
1173	Tipless stone extractor with dual basket design	Nitinol stone extractor, 4 wire design at deployment and 16 wire design at closure tipless design, 115 cm length, 1.7 Fr, Basket diameter- 1 cm	All can apply
1174	Tipless stone extractor with dual basket design	Nitinol stone extractor, 4 wire design at deployment and 16 wire design at closure tipless design, 115 cm length, 2.4 Fr, Basket diameter- 1 cm	All can apply
1175	Tipless stone extractor with dual basket design	Nitinol stone extractor, 4 wire design at deployment and 16 wire design at closure tipless design, 115 cm length, 2.4 Fr, Basket diameter- 1.5 cm	All can apply
1176	Tipless stone extractor with dual basket design	Nitinol stone extractor, 4 wire design at deployment and 16 wire design at closure tipless design, stainless steel cannula, 38 cm length, 10 Fr, Basket diameter- 1.5 cm	All can apply
1177	Nitinol combination stone grasper + basket	Nitinol stone extractor, design similar to basket during stone holding and similar to grasper during stone release, 115 cm length, 2.2 Fr, Basket diameter- 1.1 cm	All can apply
1178	Stone migration preventing device	Nitinol multiwire basket to prevent stone migration during lithotripsy, 145 cm long, removable handle, 2.8 fr sheath	All can apply
1179	Retrieval forceps (rat tooth type)	115 cm, 3.3 Fr	All can apply
1180	Retrieval forceps (alligator tooth type)	65 cm, 5.2 Fr	All can apply
1181	Retrieval forceps (alligator tooth type)	65 cm, 5.2 Fr, Double Jaw	All can apply
1182	Half-drape 60 x 44 in.	Sterile, water resistant, Flame resistant, tear resistant, alcohol and skin prep solution resistant, with tape for fixation, Level 4 protection as per ANSI / AAMI Standards	All can apply
1183	Large drape 60 x 76 in.	Sterile, water resistant, Flame resistant, tear	All can apply

S. No.	Item Name	Specification	Recommended Make
		resistant, alcohol and skin prep solution resistant, with tape for fixation, Level 4 protection as per ANSI / AAMI Standards	
1184	Medium drape 76 x 44 in	Sterile, water resistant, Flame resistant, tear resistant, alcohol and skin prep solution resistant, with tape for fixation, Level 4 protection as per ANSI / AAMI Standards	All can apply
1185	Extra large drape 76 x 100 in.	Sterile, water resistant, Flame resistant, tear resistant, alcohol and skin prep solution resistant, with tape for fixation, Level 4 protection as per ANSI / AAMI Standards	All can apply
1186	Laparotomy Drape 104x76 x 120 in. with 4x12 in. rectangular fenestration	Sterile, water resistant, Flame resistant, tear resistant, alcohol and skin prep solution resistant, with tape for fixation, with tube holders and arm covers, Level 4 protection as per ANSI / AAMI Standards	All can apply
1187	Laparoscopy drape 100x76x120 in. with abdominal fenestration	Sterile, water resistant, Flame resistant, tear resistant, alcohol and skin prep solution resistant, with tape for fixation, with tube holders and arm covers, should have instrument pouch, Level 4 protection as per ANSI / AAMI Standards	All can apply
1188	TUR drape,	1. 1-Back Table Cover, Zone-Reinforced, 152 cm x 191 cm 2. 1-Absorbent Towel, 38 cm x 56cm 3. 1-T.U.R. Drape, 289 cm x 175 cm x 170cm 4. With attachedleggings 5. Fluid Collection Pouch with screen, suction port andtie 6. With fingercot 7. CE certified / ISO / BIS / USFDAapproved	All can apply
1189	Surgical gown (Large size)	For standing surgical procedures, breathable gown, Raglan sleeves, AAMI level 3 liquid barrier protection, Abrasion resistant meeting ASTM D4966 standard, Laser ignition resistant L1 GSM 60-77	All can apply
1190	Surgical gown (Extra Large size)	For standing surgical procedures, breathable gown, Raglan sleeves, AAMI level 3 liquid barrier protection, Abrasion resistant meeting ASTM D4966 standard, Laser ignition resistant L1 GSM 60-77	All can apply
1191	Surgical gown (Medium size)	For standing surgical procedures, breathable gown, Raglan sleeves, AAMI level 3 liquid barrier protection, Abrasion resistant meeting ASTM D4966 standard, Laser ignition resistant L1 GSM 60-77	All can apply
1192	<b>Neurosurgery Implants</b> <b>Cervical Implants</b> Cervical Spine Locking Plate For different levels Locking head screw 4mm,4.35mm with different length for Cervical Locking Plate Cervical Lock Plate screw dia 4mm ,4.35mm with Different length for Cervical Spine Plate Cage with Plate along with Self drilling Screws Cervical Disc Spacer odontoid screw. Cannulated and partially threaded screws for lag effect made of titanium. Spine cable for wiring. The cable must have a diameter of 1 mm with crimp and length of 470 mm. • Thecablemustbefabricatedwithaweave designed of8 outer bundles and 1 central bundle with 7 and 19 strands respectively for flexibility and control • Cableassembliesmustbeavailablein	FDI approval from DCGI is must and should be valid for the two years prior to the date of tender. The raw material used for the implant should be Titanium grade confirming ISO 13485:2003. The subject system should be tested in conforming to ASTM testing procedure for implant and certificate to that effect should be submitted to along with tender. The Company should have a minimum 20 Crore turnover for the last three consecutive years.	All can apply

S. No.	Item Name	Specification	Recommended Make
	<p>Titanium alloy (TAN)</p> <ul style="list-style-type: none"> <li>The cable must have a retrieval loop at the end of the cable facilitates passing the</li> <li>cables sublaminary.</li> <li>The spine cable must be available in single- and double-lead configurations</li> <li>Crimp should be the integral part of the cable.</li> </ul> <p><b>Occipital, Cervical, Thoracic</b></p> <p>Poly Pedicle Screw Ø3.5 mm Lateral Mass, Poly Pedicle Screw Ø4.3 mm Lateral Mass Bias Screw Ø3.5 mm Occipital Y-Plate Occipital T-Plate D- Connector Rod Ø2.5 mm For Lateral Mass D- Connector For Lateral Mass Occipital Rod Locking Head Screw Ø3.5mm For Occipital Plate</p> <p><b>Small Anatomy System</b></p> <p>Poly Pedicle Screw Ø3.5 X 14 mm for SAS Pedicle Screw Ø4.3 mm for SAS Poly Pedicle Screw Ø4.3 mm for SAS Pedicle Screw Ø5 mm for SAS Poly Pedicle Screw Ø5 mm for SAS Spinal Precut Rod Ø4.3 mm</p> <p><b>Thoracic and Lumbar Fixation</b></p> <p>Pedicle Screw 4.5mm, 5.5 mm, 6.5mm Polyaxial Pedicle Screw 4.5mm, 5.5 mm, 6.5mm Pedicle Reduction Screw 4.5mm, 5.5 mm, 6.5mm Polyaxial Reduction Pedicle Screw 4.5mm, 5.5 mm, 6.5mm Spinal precut rod for Unilock Dia 5.7 mm D connector for Unilock D connector Rod dia 4 mm Elliac Connector Polyaxial Elliac Screw 5.5mm, 6.5mm, 7.5mm Pedical screw for unilock dia 7.5 mm Polyaxial Pedical screw dia 7.5 mm Polyaxial screw unilock dia 8.5mm Pedical Hook Lamina Hook small Lamina Hook Medium Lamina Hook Large V lock Pedicle screw dia 5.5mm, 6.5mm V lock Polyaxial screw dia 5.5mm, 6.5mm</p> <p><b>Cages</b></p> <p>PLIF Cages 0Degree, 4Degree, 8Degree with different thickness and length Hybrid Adjustable Cage TLIF Cage Peek PLIF Cages 0Degree, 4Degree, 8Degree with different thickness and length Cervical Peek cage Assy of Expandable Cage with different Diameter and Different Length Droner Peek cage with different Thickness and different Length Spinal Mesh with different Diameter and Different Length Zero-P Acif stand alone cage</p>		

S. No.	Item Name	Specification	Recommended Make
	<b>C1 C2 Spacer</b> Atlax Spacer 3,5mm,4.5mm,5 mm,6mm Atlax Plate 16 mm,20mm Atlax screw dia 3 with diferent length odontoid screw to be added. Cannulated and partially threaded screws for lag effect made oftitanium. Spine cable for wiring can be added. The cable must have a diameter of 1 mm with crimp and length of 470 mm. • The cable must be fabricated with a weave designed of 8 outer bundles and 1 central bundle with 7 and 19 strands respectively for flexibility and control • Cable assemblies must be available in Titanium alloy (TAN) • The cable must have a retrieval loop at the end of the cable facilitates passing the • cables sublaminary. • The spine cable must be available in single- and double-lead configurations • Crimp should be the integral part of the cable.  <b>MIS</b> MIS Polyaxial screw dia 5.5,6.5mm with Different Length MIS Precut Rod dia 5.5mm With Different Length (Curved) MIS Spinal straight rod dia 5.5 mm With Different (Straight)		
1193	Blood Tubing Set	Blood Tubing Set for Adult Dialyzer, Blood Pump Segment inner diameter: 8mm USFDA / European CE approved Blood Tubing Set for Pediatric Dialyzer, Blood priming volume: 50 - 60 ml USFDA / European CE approved	All can apply
1194	Plasma Filter	0.2 mtr <sup>2</sup> with Connector USFDA / European CE approved 0.5 mtr <sup>2</sup> with Connector USFDA / European CE approved	All can apply
1195	Ventilating Bougie with oxygen connector (Adult)		All can apply
1196	Ventilating Bougie with oxygen connector (Pediatric)		All can apply
1197	Pencil Point Spinal Needle with symmetrical point, side-port and low glare with Introducer 25G		All can apply
1198	Pencil Point Spinal Needle with symmetrical point, side-port and low glare with Introducer 27 G		All can apply
1199	Line Draw, Arterial Blood Sampling system		All can apply
1200	Tracheostomy tube cuffed with sub-glottic suction line and two inner cannula having diameter 1 mm less than outer diameter for easy removal.		All can apply
1201	Dry lithium Heparin pre filled ABG Syringe With Air Removal Filter cap 1ml		All can apply
1202	Dry lithium Heparin pre filled ABG Syringe With Air Removal Filter cap 3ml		All can apply
1203	Volume based incentive spirometer with oxygen port and piston with 2500 ml inspiratory capacity		All can apply
1204	Combined Spinal Epidural kit (16/18G) with pencil point spinal needle. CSE should have		All can apply

S. No.	Item Name	Specification	Recommended Make
	needle through needle technique with a locking mechanism and having 1 cm marking on the epidural needle starting at 3 cm from tip for depth assessment.		
1205	Central Line Double lumen with Y needle and Nitinol guide wire 8 fr with 15 cm /20cm catheter with tecoflex material		All can apply
1206	Central Line Triple lumen with Y needle and Nitinol guide wire 8.5 fr with 16cm / 20cm catheter with tecoflex material		All can apply
1207	Bed sore dressing - Antimicrobial Five layered Highly absorbent sacrum shaped Dressing, contains , contains silver sulphate, with triple layers of foams, absorbent, spreading & retention layer, with Activated carbon and silver content 1.2 mg/cm sq Active silver release for 168 hrs (7 days), with selfAdherent Borders, with Polyurethane Backing film as Water, Bacterial and viral barrier. For Sacral Pressure ulcer, with soft silicone wound contact layer.	Sizes: 18cmx18cm	All can apply
		Sizes: 23cmx23cm	
1208	Pressure sore heel dressings: Five layered Highly Absorbent Heel Shaped Dressing with three layers of foam (retention layer made up of Polyacrylate fibers, spreading and absorption layers) Polyurethane Backing film as water, bacteria & viral barrier with soft silicone wound contact layer. Medial and lateral malleolus coverage providing enhanced protection Visual handling tabs provide the user information on dressing 'hold' position	22cm x 23 cm	All can apply
1209	Dressing - Perforated Transparent Adhesive Polyurethane Dressing with Soft silicone wound contact layer, leaves no residue and does not dry out with usage up to 14 days.	Sizes: 5cmx7.5cm	All can apply
		Sizes: 10cmx18cm	
		Sizes: 17cmx25cm	
		Sizes: 7.5cmx10cm	
1210	Radial Arterial Catheter with guide wire. Should have anti kinking collar to prevent kinking of catheter.Should have PE material to prevent dampning.	Size: 20 G* 8cm	All can apply
1211	Radial Arterial Catheter with guide wire. Should have anti kinking collar to prevent kinking of catheter.Should have PE material to prevent dampning.	Size: 20 G * 6cm	All can apply
1212	Radial Arterial Catheter with guide wire. Should have anti kinking collar to prevent kinking of catheter.Should have PE material to prevent dampning.	Size: 20 G * 4 cm	All can apply
1213	Radial Arterial Catheter with guide wire. Should have anti kinking collar to prevent kinking of catheter.Should have PE material to prevent dampning.	Size: 20 G * 2 cm.	All can apply
1214	Polyurethane femoral arterial catheter with guide wire, without integral extention to avoid dampning, 16G, 15cm		All can apply
1215	Connector for TIVA: Three way extension for TIVA. Should have three 6 cm extension with one non return valves each.Should allow to infuse hypnotic,analgesia and muscle relaxant together.Should made up of chemically inert polyurethane material.		All can apply
1216	Ventilating Bougie with oxygen connector (Adult)		All can apply
1217	Ventilating Bougie with oxygen connector (Pediatric)		All can apply
1218	Pencil Point Spinal Needle with symmetrical point, side-port and lowglare with Introducer 25G		All can apply
1219	Pencil Point Spinal Needle withsymmetrical point, side-port and lowglare withIntroducer		All can apply

S. No.	Item Name	Specification	Recommended Make
	27 G		
1220	Line Draw, Arterial Blood Sampling system		All can apply
1221	Tracheostomy tube cuffed with sub-glottic suction line and two inner cannula having diameter 1 mm less than outer diameter for easy removal.		All can apply
1222	Dry lithium Heparin pre filled ABG Syringe With Air Removal Filter cap 1ml		All can apply
1223	Dry lithium Heparin pre filled ABG Syringe With Air Removal Filter cap 3ml		All can apply
1224	Volume based incentive spirometer with oxygen port and piston with 2500 ml inspiratory capacity		All can apply
1225	Combined Spinal Epidural kit (16/18G) with pencil point spinal needle. CSE should have needle through needle technique with a locking mechanism and having 1 cm marking on the epidural needle starting at 3 cm from tip for depth assessment.		All can apply
1226	Central Line Double lumen with Y needle and Nitinol guide wire 8 fr with 15 cm /20cm catheter with tecoflex material		All can apply
1227	Central Line Triple lumen with Y needle and Nitinol guide wire 8.5 fr with 16cm / 20cm catheter with tecoflex material		All can apply
1228	DVT Antiembolism stockings: 100% latex free with a pressure break at the popliteal vein site. It should have Interrupted band and 2-ply panel prevent tourniquet effect at the femoral vein and a defined heel pocket to ensure correct placement, while toe opening to allow easy inspection of the skin and pulse. Should be available in both Knee and ThighLength Sizes.		All can apply
1229	One way extension tube with freely rotating luer lock connector . Tube length 9 cms.		All can apply
1230	Two way extension tube with freely rotating luer lock connector. Tube length 9 cms.		All can apply
1231	Three way Extension tube with freely rotating luer lock connector. Tube length 9 cms.		All can apply
1232	Three way Extension tube with freely rotating luer lock connector. Tube length 100 cms.		All can apply
1233	Three way Extension tube with freely rotating luer lock connector. Tube length 150 cms.		All can apply
1234	Three way Extension tube with freely rotating luer lock connector. Tube length 200 cms.		All can apply
1235	Spiral Extension Line with Fixed One Needle free connector. The length of line should be 200 cm.		All can apply
1236	Silicone Face Mask with Thumb Rest: Transparent dome for visual check of bleeding, vomitus and spontaneous breathing Thumb rest for a tight, easy seal Comfortable design and texture. Size 0A.		All can apply
1237	Silicone Face Mask with Thumb Rest: Transparent dome for visual check of bleeding, vomitus and spontaneous breathing Thumb rest for a tight, easy seal Comfortable design and texture. Can be autoclaved repeatedly at 134°C. Size 0.		All can apply
1238	Silicone Face Mask with Thumb Rest: Transparent dome for visual check of bleeding, vomitus and spontaneous breathing Thumb rest for a tight, easy seal Comfortable design and texture. Can be autoclaved repeatedly at 134°C. Size 2.		All can apply
1239	Silicone Face Mask with Thumb Rest: Transparent dome for visual check of bleeding, vomitus and spontaneous breathing		All can apply

S. No.	Item Name	Specification	Recommended Make
	Thumb rest for a tight, easy seal Comfortable design and texture. Can be autoclaved repeatedly at 134°C. Size 3.		
1240	Silicone Face Mask with Thumb Rest: Transparent dome for visual check of bleeding, vomitus and spontaneous breathing Thumb rest for a tight, easy seal Comfortable design and texture. Can be autoclaved repeatedly at 134°C. Size 4.		All can apply
1241	Silicone Face Mask with Thumb Rest: Transparent dome for visual check of bleeding, vomitus and spontaneous breathing Thumb rest for a tight, easy seal Comfortable design and texture. Can be autoclaved repeatedly at 134°C. Size 5.		All can apply
1242	Silicone Face Mask with Thumb Rest: Transparent dome for visual check of bleeding, vomitus and spontaneous breathing Thumb rest for a tight, easy seal Comfortable design and texture. Can be autoclaved repeatedly at 134°C. Size 6.		All can apply
1243	Crystal clear disposable face mask with thumb rest with Phthalate-free material. (Sizes 1, 2, 3, 4, 5 & 6)		All can apply
1244	Sutureless fixation device for central line.		All can apply
1245	Sutureless fixation device with anchor pads for PICC line.		All can apply
1246	Thin Triple layer with Self Adherent Border soft Silicone dressing layer, Thin flexible Absorbent Foam and backing Polyurethane Backing film as Water, Bacterial and Viral Barrier. With Soft silicone Woundcontact layer with usage upto 7 days	Sizes: 4cm x 5 cm Sizes: 5cm x 12.5 cm Sizes: 7.5cm x 7.5 cm Sizes: 10cm x 10 cm Sizes: 15 cm x 15 cm	All can apply
1247	Dressing -Five Layered Highly absorbent Foam dressing with three layers of foam absorbent, spreading & retention layer, with self-adherent borders, bacterial & viral barrier, waterproof polyurethane backing film, with soft silicone wound contact layer.	Sizes: 7.5cm x 7.5cm Sizes: 12.5 cm x 12.5cm Sizes: 17.5cm x 17.5cm Sizes: 10cm x 20cm Sizes: 10cm x 25cm Sizes: 10cm x 30cm Sizes: 10cmx10cm Sizes: 15cmx15cm Sizes: 18cmx18cm Sizes: 23cmx23cm	All can apply
1248	Triple Layered absorbent Foam dressing with Polyurethane Backing film as Water, Bacterial and Viral Barrier. With Soft silicone Wound contact layer	Sizes: 10cmx10cm Sizes: 12.5cmx12.5cm Sizes: 15cmx15cm Sizes: 17.5cmx17.5cm Sizes: 10cmx20cm Sizes: 13cmx20cm Sizes: 20cmx20cm Sizes: 20cmx50cm	All can apply
1249	Adult Heated Wire Ventilator Circuit		All can apply
1250	Paediatric Heated Wire Ventilator Circuit	1. Circuit should be 1.6 meter in length and 15 mm in diameter for paediatric patient who are less than 10kgs inweight.  2. Circuit should be 1.6 meter in length and 22 mm in diameter for paediatric patient who are more than 10kgs inweight.  3. It should be dual heated wire circuit i.e. both inspiratory and expiratory limbs should have heated wire.  4. There should be an auto filled humidifier chamber along with the ventilatorcircuit.  5. The ventilator circuit shouldbe compatible with	All can apply

S. No.	Item Name	Specification	Recommended Make
		<p>Maquet servo-i and fabian HFO ventilator.</p> <p>6. Appropriate connectors must be required along with these ventilator circuits and can be easily connected with above mentioned ventilators.</p> <p>7. The circuits must be sterile and supplied in a proper packaging material.</p> <p>8. Sample of ventilator circuit must be provided.</p>	
1251	Neonatal Heated Wire Ventilator Circuit		All can apply
1252	Blood Irradiation Indicator (Gamma Ray Irradiation Indicator)	Se-quantitative by cut-off, minimum 15 Gy & Maximum 50 Gy.	All can apply
1253	Polypropylene Mesh	5x 10 cm, Bidder must have European CE four digit genuine CE certified/USFDA approved	All can apply
1254	Polypropylene Mesh	7.5x 11 cm, Bidder must have European CE four digit genuine CE certified/USFDA approved	All can apply
1255	Polypropylene Mesh	7.5x 12.5 cm, Bidder must have European CE four digit genuine CE certified/USFDA approved	All can apply
1256	Polypropylene Mesh	10x15 cm cm, Bidder must have European CE four digit genuine CE certified/USFDA approved	All can apply
1257	Polypropylene Mesh	12x15 cm cm, Bidder must have European CE four digit genuine CE certified/USFDA approved	All can apply
1258	Bone Cement (Methyl Methacrylate)	<p>bone cement – 40 gram sterile pack.</p> <p>A. With antibiotic gentamicin 1gram</p> <p>B. without antibiotic</p> <p>A methyl methacrylate/styrene copolymer medium/ high viscosity bone cement</p> <p>• Setting time: approximately 10–15 minutes</p> <p>European CE four digit genuine CE certified/USFDA approved.</p>	All can apply
1259	Sugita Titanium Cranial Aneurysm Clips	<p><b>Standard Sugita clips</b></p> <p>Standard 8.5 Straight 7.0mm</p> <p>Standard 10.5 Straight 10.0mm</p> <p>Standard 11.0 Bayonet 7.0mm</p> <p>Standard 11.0 Sideward Bent 8.0mm</p> <p>Standard 10.0 Sideward Curved. 9.0mm</p> <p>Standard 9.5 Curved. 9.0mm</p> <p>Standard 10.0 Slightly Curved. 9.0mm</p> <p>Standard 11.5 Straight 12.0mm</p> <p>Standard 13.5 Sideward Bent 12.0mm</p> <p>Standard 11.0 Bent 12.0mm</p> <p>Standard 13.0 Bayonet 10.0mm</p> <p>Standard 14.0 Bayonet 12.0mm</p> <p>Standard 13.5 Straight 15.0mm</p> <p>Standard 15.5 Slightly Curved. 18.0mm</p> <p>Standard 15.5 Straight 18.0mm</p> <p>Standard 8.0 L-Shaped 5.0mm</p> <p>Standard 8.0 L-Shaped 7.5mm</p> <p>Standard 8.0 L-Shaped 10.0mm</p> <p>Standard 13.0 Slightly Curved. 14.0mm</p> <p>Standard 11.0 Slightly Curved. 11.0mm</p> <p>Standard 17.0 Straight 21.0mm</p> <p>Standard 9.0 Crankshaft 3.0mm</p> <p>Standard 10.0 Crankshaft 4.0mm</p> <p>Long 19.0 Bayonet 21.0mm</p> <p>Long 18.0 Straight 25.0mm</p> <p>Long 20.5 Straight 30.0mm</p> <p>Long 23.5 Straight 35.0mm</p> <p>Long 26.0 Straight 40.0mm</p> <p>Fenestrated Mizuho clips</p> <p>Fen. 3.5, 11.0 Straight 6.0mm</p> <p>Fen. 3.5, 13.0 Straight 9.0mm</p> <p>Fen. 3.5, 14.5 Straight 12.0mm</p> <p>Fen. 5.0, 12.0 Straight 6.0mm</p> <p>Fen. 5.0, 14.0 Straight 9.0mm</p>	All can apply



S. No.	Item Name	Specification	Recommended Make
		Fen. 5.0, 15.5 Straight 12.0mm	
		Fen. 3.5, 7.5 L-Shaped 5.0mm	
		Fen. 3.5, 7.5 L-Shaped 7.5mm	
		Fen. 3.5, 7.5 L-Shaped 10.0mm	
		Fen. 5.0, 8.5 L-Shaped 5.0mm	
		Fen. 5.0, 8.5 L-Shaped 7.5mm	
		Fen. 5.0, 8.5 L-Shaped 10.0mm	
		Mini 5.5 Straight 4.0mm	
		Mini 7.0 Straight 6.0mm	
		Mini 6.5 Curved 5.0mm	
		Mini 7.0 Bent 5.0mm	
		Mini 5.5 Curved 4.0mm	
		Mini 7.5 Sideward Curved 7.0mm	
		Mini 6.0 Curved 5.0mm	
		Mini 7.5 Curved 7.0mm	
		Mini 8.5 Bayonet 5.0mm	
		Mini 5.5 Straight Slim 4.0mm	
		Mini 7.0 Straight Slim 6.0mm	
		Mini 7.0 Curved Slim 6.7mm	
		Mini 8.0 Curved Slim 8.2mm	
		Mini 6.5 Curved Slim 5.2mm	
		Mini 8.0 Straight 8.0mm	
		Mini 7.0 Curved 6.5mm	
		Mini 6.5 Slightly Curved 5.5mm	
		Mini 7.0 Slightly Curved 6.5mm	
		Mini 8.5 Sideward Bent 6.0mm	
		Mini 10.0 Bayonet 7.0mm	
		Mini 6.5 Curved Slim 5.5mm	
1260	Iodine Tincture with Applicator	Surgical Solution of 20 ml Iodine Tincture (2%) with sponge applicator	All can apply
1261	Surgical Chlorhexidine Applicator	Surgical applicator for Chlorhexidine with Sterile sponge for Surgical Site Preparation	All can apply
1262	Surgical Scrub Brush with nail cleaner	With 1% povidone iodine, Sterile Pack, 30 / Box	All can apply
1263	Surgical Scrub Brush with nail cleaner	4 % Chlorhexidine gluconate, Sterile Pack, 30 / Box	All can apply
1264	Eye Drape ,disposable	Size : 90 X 75 cm. Adhesive area 8 X 8cm with Eye Drain Bag: 20X 13cm.	All can apply
1265	Phaco Trolley sheet, disposable	Water resistant,polyethylene material ,sterile individual pack Size 120x 150 cm	All can apply
1266	Keratome	ETO Sterilized,full handle knife,medical grade stainless steel Sizes- 2.8 mm, 2.2mm	All can apply
1267	Crescent	ETO Sterilized,full handle knife, medical grade stainless steel Sizes 2 mm, 2.5 mm	All can apply
1268	Lance tip	E.T.O. Sterile, Full Handle Knife, medical grade stainless steel Size-15 degree Long	All can apply
1269	MVR	E.T.O. Sterile, Full Handle Knife Size 20 G, 23 G	All can apply
1270	ENLARGER	E.T.O. Sterile, Full Handle Knife - Size 5.1mm, 5.2 mm,5.5 mm ,6.2 mm	All can apply
1271	Sterile eye pad	Absorbant cotton pad in absorbant over wrap 4.1cmx6.7cm, in individual sterilized pack.	All can apply
1272	26G Needle	SINGLE USE 26G x ½ (0.45x 13mm) hypodermic needle made of surgical stainless steel with polypropylene hub	All can apply
1273	30G Needle	SINGLE USE 30 G x ½ (0.0.31 x 13mm) hypodermic needle made of surgical stainless steel with polypropylene hub	All can apply
1274	Syringes 2ml, 3ml, 5ml, 10ml, 20ml	Disposable syringes with hypodermic needles	All can apply
1275	Stick Cotton buds	Stick Cotton buds Q tips	All can apply

1276	Cellulose sponge spears	High quality Cellulose sponge spears ETO sterilized and packed in set of five	All can apply
1277	CONFORMERS	Clear Acrylic shell with one hole . Sizes : Right and Left Conformer; 20 mm, 22mm,24mm,26 mm,28 mm	All can apply
1278	SILICONE BALL.	Round ball of silicone in Sizes: 12, 14, 16, 18 & 20 mm.	All can apply
1279	Iris Hooks	Flexible hooks of bright blue polypropylene monofilament and adjustable silicone stopper ETO sterilized and packed in set of five	All can apply
1280	Capsule hooks	Nylon made with silicone stop, round angulated tip, ETO sterilized and packed in set of five	All can apply
1281	Capsular tension ring	PMMA Rings in Sizes-11mm, 12mm, 13mm, 14 mm	All can apply
1282	<b>PMMA Posterior chamber Intraocular lens</b> Power range (-3 to +30 D)	Single piece ,Biconvex ,360 degree square edge, optic diameter 6mm, overall diameter 12.5 to 13 mm, Modified C loop, individually packed ETO Sterilized	USFDA /European certified
1283	<b>PMMA Anterior Chamber Intraocular Lens</b> Power range (+15 D to +23 D)	Single piece ,Biconvex optic with diameter 6mm flexible ,open loop and a supporting base at the end of each haptics., Angulation-10°, J loop haptic design overall diameter 12.5 - 13.0mm,	USFDA/European CE approved
1284	<b>ACRYLIC, Foldable , Posterior chamber Intraocular lens</b> Power range (-3 to +30 D)	Single piece, Biconvex ,Hydrophobic, optic diameter 6mm, overall diameter 12.5-13 mm, aspheric surface, individually packed ,cartridge and injector system / preloaded, should be capable of injecting through 2.2mm incision ,ETO Sterilized	USFDA/European CE approved
1285	Bard Parker Blades detachable.	# 11No  #15No	All can apply

S.No.	Product with Specifications	Make
1286	Adult femoral introducer sheath with hemostatic valve in a kit containing puncture needle and 0.038" guide wire. 4 to 12F	Medtronic, Cordis, Terumo
1287	Radial introducer Sheath with patent unique cross cut design haemostatic valve, 20Gx2" puncture needle with Plastic IV catheter and 0.025" Radifocus mini plastic guidewire	Medtronic, Cordis, Terumo
1288	Angiographic Guide Wire; PTFE coated; 'J' tip & Straight tip; diameter 0.021", 0.025", 0.032", 0.035", 0.038 ; Length 120-150 (Regular length) & 250-260 cm (Exchange Length) / Quote separately	Medtronic, Cordis, Terumo
1289	Angiographic Guide Wire; Hydrophilic coated; 'J' tip & Straight tip; diameter 0.021", 0.025", 0.032", 0.035", 0.038 ; Length 120-150 (Regular length) & 250-260 cm (Exchange Length)/ Quote separately	Medtronic, Cordis, Terumo
1290	Three way stop cock with one male and two female ports and freely rotating adapter for coronary Angiography.	
1291	Manifold - Two & Three ports with knobs to turn "Right" when open.	
1292	Radial Artery compression band consists of two balloons specially designed for spot compression of the radial puncture site	Medtronic, Cordis, Terumo
1293	Short connecting pressure line of 20-30 cm with male port in one side and female port in the other side	
1294	High pressure injector line to withstand pressure up to 1200 psi, 75-100 cm length with luer lock male port and rotator.	
1295	Amplatzer super stiff guide wire, all available length and diameters.	
1296	Contrast injecting luer lock controlled syringe 2, 5, 10 cc with and without finger grip.	
1297	Short tube of 12 to 15 inches to connect to touhy borst	
1298	Y-connector hemostatic valve with spring type push and release mechanism	
1299	Inflation device with manometer upto 30 atmosphere (easy to operate with luminescent dial)	
1300	Disposable sterile patient drape with preshaped circular access for both radial and femoral approach during cardiac catheterization	
1301	Sterile adhesive transparent incision drape; Absorbent and completely impervious to fluids; Sizes 30-40 cm X 25-40 cm and 20-25 cm X 10-15 cm; Should be transparent with a non-glare surface; Should be bacterial proof and water proof	
1302	Disposable sterile linen/ gauge swabs used during cardiac catheterisation	
1303	Coronary Angiography diagnostic catheters 100 cm or longer for femoral approach and various curves (wherever applicable) of 3.0, 3.5, 4.0, as required from time to time; a) Judkins left 4F/5F/6F	Medtronic, Cordis, Terumo, Boston Scientific

	b) Judkins Right 4F/ 5F/6F c) Amplatz Left (ALI/ALII/ALIII)4F/ 5F/6F d) Amplatz Right (ARI/ARII)4F/ 5F/6F e) I.M.A. Catheter 4F/5F/6F f) Right coronary catheter not requiring Torque (NTR)4F/ 5F/6F g) Multipurpose AI, II 4F/5F/6F h) Multipurpose BI, II 4F/5F/6F i) 3DRC (Williams Catheter, 5.2 F) A)US FDA approved B)CE Certified	
1304	Radial diagnostic catheter with the unique Tiger Curve which enables angiography of right and left coronary arteries using either radial or brachial approach. A)US FDA Approved B)CE Certified	Medtronic, Cordis, Terumo
1305	PTCA Guiding catheter, 100 cm long. It should be large lumen braided, inner layer coated with PTFE. It should have atraumatic soft tip with radio opaque marker band at the tip. a) Judkins left without side holes (Curves 3, 3.5, 4, 5 cm), Size 5F/6F/7F/8F. b) Judkins left with side holes (Curves 3, 3.5, 4, 5 cm), Size 5F/6F/7F/8F. c) Judkins left with short tip (Curves 3, 3.5, 4, 5 cm), Size 5F/6F/7F/8F. d) Judkins Right without side holes (Curves 3, 3.5, 4, 5 cm), Size 5F/6F/7F/8F. e) Judkins Right with side holes (Curves 3, 3.5, 4, 5 cm), Size 5F/6F/7F/8F.  f) Judkins Right with short tip (Curves 3, 3.5, 4, 5 cm), Size 5F/6F/7F/8F. g) IMA guiding catheter, 5F/6F/7F. h) Multipurpose (AI, AII), 5F/6F/7F/8F. i) Multipurpose (BI, BII), 5F/6F/7F/8F. j) Amplatz Left without side holes (Curves AL0.75, AL1, AL1.5, AL2, AL3), 5F/6F/7F/8F. k) Amplatz Left with side holes (Curves AL0.75, AL1, AL1.5, AL2, AL3), 5F/6F/7F/8F. l) Amplatz Right without side holes (Curves AR1, AR2), 5F/6F/7F/8F. m) Amplatz Right with side holes (Curves AR1, AR2), 5F/6F/7F/8F.	Medtronic, Cordis, Terumo

	<p>n) Voda Left, 5F/6F/7F/8F.</p> <p>o) Voda Right, 5F/6F/7F/8F.</p> <p>p) Left coronary bypass guide catheter, 6F/7F.</p> <p>q) Right coronary bypass guide catheter, 6F/7F.</p> <p>r) Contra Lateral Support (CLS) left without side holes, 5F/6F/7F/8F.</p> <p>s) Contra Lateral Support (CLS) left with side hole, 5F/6F/7F/8F.</p> <p>t) Contra Lateral Support (CLS) right without side hole, 5F/6F/7F/8F.</p> <p>u) Contra Lateral Support (CLS) right with side hole, 5F/6F/7F/8F.</p> <p>v) 3D right guiding catheter without side hole, 6F/7F.</p> <p>w) 3D right guiding catheter with side hole, 6F/7F.</p> <p>x) Hockey Stick guiding catheter, 6F/7F.</p> <p>y) Shepherd Crook right type guiding (Curves 3.5, 4, 5), 6F/7F.</p> <p>z) Head Hunter guiding catheter, 6F/7F.</p> <p>A)US FDA approved</p> <p>B)CE Certified</p>	
1306	<p>PTCA guide wire with PTFE coating over shaft, polymer sleeve length of 20 cm, tip load of 0.8 gm, tip size of 0.014", tip radiopacity of 3 cm.</p> <p>a) 180-190 cm long.</p> <p>b) 280-300 cm long.</p>	
1307	<p>PTCA guide wire with PTFE coating over shaft, polymer sleeve length of 20 cm, tip load of 0.8 gm, tip size of 0.009", tip radiopacity of 16 cm.</p> <p>a) 180-190 cm long.</p> <p>b) 280-300 cm long.</p>	
1308	<p>PTCA extra-support guide wire with PTFE coating over shaft, tip load of 0.7 gm, tip size of 0.014", spring coil of 4 cm and tip radiopacity of 4 cm.</p> <p>a) 180-190 cm long.</p> <p>b) 280-300 cm long.</p>	
1309	<p>PTCA guide wire for CTO with PTFE coating over shaft, tip size of 0.014", tip radiopacity of 11 cm and spring coil of 11 cm, length of 180-190 cm Tip load of</p> <p>a) 3 gm.</p> <p>b) 4.5 gm.</p> <p>c) 6 gm.</p> <p>d) 12 gm.</p>	
1310	<p>PTCA guide wire for CTO with extra-support, tip load of 9 gm, tip size of 0.009", length 180-190 cm, with</p> <p>a) Spring coil and tip radiopacity of 11 cm.</p>	

	b) Spring coil and tip radiopacity of 20 cm.	
1311	Joint less spring coil 0.014" one piece core PTCA guide wire with tip radiopacity 3 cm, length 180 cm. a) Tip load 0.7 gm. b) Tip load 0.5 gm.	
1312	PTCA guide wires, 0.014", 180-190 cm long, Nitinol distal super elastic core for kink resistance and shape retention, Silicon coating for distal 2 cm and hydrophilic coating of rest of the wire length, a) Tip load of 1.0 gm b) Tip load of 0.6 gm c) Tip load of 3.6 gm	
1313	Steerable PTCA guide wire with floppy tip, elastin core, soft shaping ribbon tip and hydrophilic or hydrophobic coating. a) 180-190 cm. b) 280-300 cm.	
1314	Steerable PTCA extra support guide wire with durasteel core material, core to tip design, floppy tip a) With hydrophobic coating. b) With hydrophilic coating.	
1315	Steerable PTA high support guide wire of 0.018", body PTFE/hydrophobic coated, distal hydrophilic coating, distal radiopacity of 2 cm a) 180-190 cm long b) ≥300 cm long	
1316	PTRA guide wire for Renal Angioplasty, diameter 0.018", 100- 110 cm long.	
1317	Steerable PTA guide wire with floppy tip, scitanium stainless steel alloy core, extra-support of 0.018" diameter, ≥300 cm long. a) Tip Non-hydrophilic b) Tip Hydrophilic	
1318	PTCA Pre-dilatation, monorail balloon (semi compliant). Hypotube shaft design, low entry profile ( $\leq 0.017''$ ) and 5F guide catheter compatibility. Diameters (mm): 1.2/1.25, 1.5, 2.0, 2.5, 3, 3.5, 4.0. Length: minimum 6-8 mm to maximum 20 mm or more. a) US FDA approved b) European CE marked c) Only DCGI approved	
1319	PTCA pre-dilatation semi-compliant balloon, with Push and flex technology, lowest tip entry profile of $\leq 0.017''$ , crossing profile of $\leq 0.021''$ , low profile and marker for better visibility, stepwise	

	<p>transition stiffening for more pushability. Diameter (mm): 1.2/1.25, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0. Length: minimum 6-8 mm to maximum 20 mm or more</p> <p>a) US FDA approved</p> <p>b) European CE marked</p> <p>c) Only DCGI approved</p>	
1320	<p>PTCA pre-dilatation semi-compliant balloon with lowest tip entry profile of <math>\leq 0.017''</math>, lowest crossing profile for crossing CTO or difficult to cross lesions and smallest balloon size of 1.0/1.1 mm diameter and length of 6-8 mm with single marker at the center of the balloon. Other diameters of 1.2/1.25mm, 1.5mm, 2mm, 2.5mm, 3mm. Other lengths of 10-12mm, 15-18mm, 20-22mm, 25mm or more.</p> <p>a) US FDA approved</p> <p>b) European CE marked</p> <p>c) Only DCGI approved</p>	
1321	<p>PTCA pre-dilatation semi-compliant over the wire balloon with short balloon taper, low entry profile (<math>\leq 0.016''</math>). Diameter – 1.2/1.25, 1.5, 2.0, 2.5, 3.0 mm or more Length – minimum 6-8 mm to 20mm.</p>	
1322	<p>High pressure non-compliant balloon smooth, rounded distal tip and no edge over-dilatation at higher pressure; with least balloon overhang at the edges. Diameter (mm): 2.5, 2.75, 3.0, 3.25, 3.5, 3.75, 4, Length (mm): minimum 6-8mm to <math>\geq 20</math> mm.</p> <p>a) US FDA approved</p> <p>b) European CE marked</p> <p>c) Only DCGI approved</p>	
1323	<p>Ultra-low entry profile Semi Compliant Balloon with .40mm or 0.016'' and entry profile from 1.25*10 to 2.25*10 remains same for exceptional crossability even with higher diameter balloon.</p>	
1324	<p>Coronary microcatheter with distal diameter of 1.8 Fr or less, proximal diameter 2.6F, PTFE coated inner layer, and distal hydrophilic coating at the outer layer, flexible tip with outer and inner taper with gold marker at distal tip for enhanced distal visibility to cross difficult lesions.</p> <p>a) 130-135 cm long</p> <p>b) 150-160 cm long</p>	
1325	<p>Drug eluting coronary balloon. (All diameters and sizes available)</p> <p>a) Paclitaxel eluting balloon</p> <p>b) Sirolimus eluting balloon</p>	
1326	<p>IVC Filter</p> <p>a) Temporary</p> <p>b) Permanent</p>	

	(MRI & Non MRI compatible)	
1327	Guideliner catheter, 6F/7F, rapid exchange with 145-150 cm working length, tip radiopaque marker.	
1328	Pigtail angiographic catheters (Angled and Non-Angled) 5F/6F	
1329	Closure Device for vascular access site (Angioseal type)	
1330	Closure Device for vascular access site (Proglide type)	
1331	CTO Channel dilator (Corsair) 135	
1332	CTO Penetration catheter (Tornus)	
1333	CTO Reentry catheter (CrossBoss)	
1334	DOC Extension	
1335	Embolic protection device (Coronary) Funnel & Filter type	
1336	Embolic protection device (Coronary) Proximal Protection	
1337	Foreign body retrieval snares (Coronay), All sizes A.Amplantz type,gooseneck B.Basket Type C.Cook-angled type D.Wire loop type	
1338	Foreign body retrieval snares (Non-Coronay), All sizes A. A.Amplantz type,gooseneck B.Basket Type C.Cook-angled type D.Wire loop type	
1339	Thrombus Aspiration catheter (All Sizes 6F/7F), Monorail	
1340	Iso-osmolar non-ionic 320,IODIXANOL (20ml, 50ml & 100ml)	
1341	Iso-osmolar non-ionic 350,IOHEXOL INJECTION (20, 50ml & 100ml)	
1342	Femoral Compression Pads	
1343	Radial Compression Pads	
1344	Diagnostic peripheral angiographic catheters (SIMS type) All sizes	
1345	Carotid Sheaths (90cm) All sizes	
1346	Contralateral Sheath (All Sizes)	
1347	Embolic Protection device (Peripheral) A.Proximal protection B.Filter type	



	C.Balloon occlusion type	
1348	Peripheral Angioplasty Balloons, hydrophobic coating A.0.014" wire compatible , Monorail & OTW 5-12 mm B.0.035" wire compatible, Monorail & OTW 5-12 mm C.0.035" wire compatible ,Monorail & OTW 14-25 mm	
1349	Sheathless guiding catheter (All sizes)	
1350	Angioplasty peripheral kit (All accessories)	
1351	PTCA wire with retrograde approach XTR	
1352	Thrombectomy catheter 0.035" OTW 90-130 cm	
1353	Thrombectomy catheter 0.014" OTW 130-150 cm	

**- Pediatrics and Structural Heart Disease Intervention**

<b>S.No.</b>	<b>Product with Specifications</b>
1354	ASD Closure Delivery Cable (AGA Type)
1355	ASD Closure Delivery Cable (Non-AGA Type)
1356	ASD Closure delivery sheath (AGA type, All Sizes)
1357	ASD Closure delivery sheath (Non-AGA Type, All Sizes)
1358	ASD Sizing plates (4-38mm)
1359	ASD/PDA/VSD Sizing balloons (All sizes)
1360	Mitral Valve Dilatation Balloon Accessories (Inoue)
1361	Mitral Valve Dilatation Balloon Accessories (Non-Inoue)
1362	PDA Closure Delivery Cable (AGA Type)
1363	PDA Closure Delivery Cable (Non-AGA Type)
1364	PDA Closure delivery sheath (AGA type, All sizes)
1365	PDA Closure delivery sheath (Non-AGA Type, All Sizes)
1366	PDA Coil Delivery catheter 4F
1367	Balloon floatation catheter (Angio-Berman, All Sizes)
1368	Balloon floatation catheter (Swan-Ganz, All sizes)
1369	ASD Closure Device (AGA Type, All Sizes)
1370	ASD Closure Device (Fenestrated, All Sizes)
1371	ASD Closure Device (Non-AGA Type, All Sizes)
1372	Embolization coils 0.10"
1373	Embolization coils 0.18"
1374	Embolization coils 0.35"

1375	Embolization coils detachable (PDA, All Sizes)
1376	PDA Closure Device (AGA Type) nitinol, All sizes
1377	PDA Closure Device (AGA) Stainless steel, All Sizes
1378	PDA Closure Device (Non-AGA Type,All Sizes)
1379	PDA Occlusion (ADO-II type,All Sizes)
1380	Vascular Plug (AGA I type,All Sizes)
1381	Vascular Plug (AGA II type, All Sizes)
1382	VSD Closure Device (muscular type, All Sizes)
1383	VSD Closure Device (perimembranous type, All Sizes)
1384	Blade septostomy catheter
1385	Brockenbrough transseptal needle
1386	Endomyocardial Biopsy forceps (Jugular, All Sizes)
1387	Endomyocardial Biopsy Forceps (Femoral,All Sizes)
1388	Guidewire Amplantz Extra stiff 0.35" 260cm
1389	Guidewire Amplantz Super stiff 0.35" 260cm
1390	Guidewire Amplantz Ultra stiff 0.35" 260cm
1391	Mitral Valvuloplasty Balloon (Inoue), All Sizes with accessories
1392	Mitral Valvuloplasty Balloon (Non-Inoue), All Sizes with accessories
1393	Valvuloplasty Balloon (Dumbell Shaped) Numed type ,all sizes with accessories
1394	Valvuloplasty Balloon Tyshak Type 0.25 & 0.35 system
1395	Vascular Retrieval Forceps (Cook)
1396	Mullins sheath (all sizes)

**- Coronary and Peripheral Stents**

<b>S.No.</b>	<b>Products/Items</b>	<b>Specifications</b>
1397	Sirolimus coated drug eluting coronary stent	a) Stainless steel base b) Cobalt chromium base c) Platinum chromium base US FDA approved
1398	Sirolimus coated drug eluting coronary stent	a) Stainless steel base b) Cobalt chromium base c) Platinum chromium base European CE approved
1399	Sirolimus coated drug eluting coronary stent	a) Stainless steel base b) Cobalt chromium base

		c) Platinum chromium base DCGI Approved
1400	Everolimus coated drug eluting coronary stent	a) Stainless steel base b) Cobalt chromium base c) Platinum chromium base US FDA approved
1401	Everolimus coated drug eluting coronary stent	a) Stainless steel base b) Cobalt chromium base c) Platinum chromium base European CE approved
1402	Everolimus coated drug eluting coronary stent	a) Stainless steel base b) Cobalt chromium base c) Platinum chromium base DCGI Approved
1403	Zotarolimus coated drug eluting coronary stent	a) Stainless steel base b) Cobalt chromium base c) Platinum chromium base US FDA approved
1404	Zotarolimus coated drug eluting coronary stent	a) Stainless steel base b) Cobalt chromium base c) Platinum chromium base European CE approved
1405	Zotarolimus coated drug eluting coronary stent	a) Stainless steel base b) Cobalt chromium base c) Platinum chromium base DCGI Approved
1406	Coronary Bare Metal Stent	a) Stainless steel base b) Cobalt chromium base c) Platinum chromium base US FDA approved
1407	Coronary Bare Metal Stent	a) Stainless steel base b) Cobalt chromium base c) Platinum chromium base European CE approved
1408	Coronary Bare Metal Stent	a) Stainless steel base b) Cobalt chromium base c) Platinum chromium base

		DCGI Approved
1409	Balloon Mounted Monorail 0.014" Compatible Stainless Steel renal Stent diameter 4-7 mm Length 10-24 mm	US FDA approved
1410	Balloon Mounted Monorail 0.014" Compatible Stainless Steel renal Stent diameter 4-7 mm Length 10-24 mm	European CE approved/DCGI approved
1411	Balloon Mounted Monorail 0.014" Compatible Cobalt chromium renal Stent diameter 4-7 mm Length 10-24 mm	US FDA approved
1412	Balloon Mounted Monorail 0.014" Compatible Cobalt chromium renal Stent diameter 4-7 mm Length 10-24 mm	European CE approved/DCGI approved
1413	Peripheral Stainless Steel Stent all sizes both OTW and monorail	US FDA approved
1414	Peripheral Stainless Steel Stent all sizes both OTW and monorail	European CE approved/DCGI approved
1415	Peripheral Cobalt Chromium Stent all sizes both OTW and monorail	US FDA approved
1416	Peripheral Cobalt Chromium Stent all sizes both OTW and monorail	European CE approved/DCGI approved
1417	Peripheral Nitinol Stent all sizes both OTW and monorail	0.035" & 0.018 compatible, US FDA approved
1418	Peripheral Nitinol Stent all sizes both OTW and monorail	0.035" & 0.018 compatible European CE approved/DCGI approved
1419	Monorail based nitinol peripheral self-expanding stent all sizes	US FDA approved
1420	Monorail based nitinol peripheral self-expanding stent all sizes	European CE approved/DCGI approved
1421	Peripheral Drug eluting balloon; All sizes, quote separately	US FDA approved, All sizes, quote separately
1422	Peripheral Drug eluting balloon; All sizes, quote separately	European CE approved/DCGI approved
1423	Coronary Drug Eluting Balloon a) Paclitaxel coated b) Sirolimus coated	US FDA/CE/DCGI approved

1424	Everolimus eluting stent with thin struts (50µm)	US FDA/CE/DCGI approved
1425	Sirolimus eluting tapered stent	US FDA/CE/DCGI approved
1426	Covered stent for coronary use (balloon expandable) All sizes	
1427	Covered Stent for peripheral use (balloon expandable) All sizes	
1428	Covered Stent for peripheral (Self expanding)All sizes	
1429	CP stent for coarctation of aorta (covered)	
1430	CP stent for coarctation of aorta (Non- covered)	
1431	Carotid stents –Non tapered cylinder 0.014” wire rapid exchange (Self-expanding)	
1432	Carotid stents- Tapered cylinder 0.014” wire rapid exchange (self expanding)	

**- Temporary & Permanent Pacemakers and High Voltage cardiac Devices**

S.No.	Products with specifications
1433	<b>Temporary Pacing Electrode catheter:</b> <ul style="list-style-type: none"> <li>• Must be NBIH™ standard</li> <li>• Must have Soft-Tip Bipolar Electrode</li> <li>• Sizes-6 French 125 cm</li> </ul>
1434	<b>Balloon-Flow Assisted Bipolar Temporary Pacing Electrode Catheter:</b> <ul style="list-style-type: none"> <li>• Must have marking on catheter</li> <li>• Must be NBIH™ standard</li> <li>• Non-Heparin Coated</li> <li>• Sizes-5 French</li> <li>• With depth marker</li> </ul>
1435	<b>VVI</b> <ul style="list-style-type: none"> <li>• US FDA approved pacemaker with lead &amp; accessories</li> <li>• All single Chamber modes and basic multi-programmable parameters with preferably autosensing and auto-capture/output management facilities.</li> <li>• Must have Ventricular Capture Management.</li> <li>• Monitor the integrity of lead and switch polarity in case of issue</li> <li>• The Size of lead should be 7F or less.</li> <li>• The Lead must be steroid eluting and should be both bipolar and unipolar configuration.</li> <li>• Must have both active and passive fixation endocardial leads available.</li> <li>• Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>• Company must provide its trained technical person for each implantation and for follow up programming whenever required.</li> <li>• Company must quote only the latest model of devices commercially available</li> </ul>
1436	<b>VVIR</b> <ul style="list-style-type: none"> <li>• US FDA approved pacemaker with lead &amp; accessories</li> <li>• All single Chamber modes and basic multi-programmable parameters with preferably autosensing and auto-capture/output management facilities.</li> </ul>

	<ul style="list-style-type: none"> <li>• Must have Ventricular Capture Management.</li> <li>• Monitor the integrity of lead and switch polarity in case of issue</li> <li>• The Size of lead should be 7F or less.</li> <li>• The Lead must be steroid eluting and should be both bipolar and unipolar configuration.</li> <li>• Must have both active and passive fixation endocardial leads available.</li> <li>• Must have rate response which allows rate profile optimization.</li> <li>• Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>• Company must provide its trained technical person for each implantation and for follow up programming whenever required.</li> <li>• Company must quote only the latest model of devices commercially available</li> </ul>
1437	<b>VVIR (Pediatric)</b> <ul style="list-style-type: none"> <li>• US FDA approved pacemaker with lead &amp; accessories.</li> <li>• All single chamber modes and with pediatric Base rate upto 160bpm and parameters, must be smallest size designated for pediatrics patient, weight should be less than 14gm,</li> <li>• Must have Ventricular Capture Management. The Size of lead should be 7F or less.</li> <li>• The Lead must be steroid eluting and should be both bipolar and unipolar configuration.</li> <li>• Must have both active and passive fixation endocardial leads available.</li> <li>• Must have rate response which allows rate profile optimization.</li> <li>• Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>• Company must provide its trained technical person for each implantation and for follow up programming whenever required.</li> <li>• Company must quote only the latest model of devices commercially available</li> </ul>
1438	<b>VVIR (MRI Conditional)</b> <ul style="list-style-type: none"> <li>• US FDA approved MRI conditional pacemaker with lead &amp; accessories</li> <li>• Should allow full body at least 1.5 T MRI scan preferably without any restriction zone.</li> <li>• Must have Ventricular Capture Management</li> <li>• Monitor the integrity of lead and switch polarity in case of issue</li> <li>• The Size of lead should be 7F or less.</li> <li>• The Lead must be steroid eluting and should be both bipolar and unipolar configuration.</li> <li>• Must have both active and passive fixation endocardial leads available.</li> <li>• Must have rate response which allows rate profile optimization.</li> <li>• Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>• Company must provide its trained technical person for each implantation and for followup programming whenever required.</li> <li>• Company must quote only the latest model of devices commercially available.</li> </ul>
1439	<b>DDD</b> <ul style="list-style-type: none"> <li>• US FDA approved pacemaker with lead &amp; accessories</li> <li>• All pacing modes and basic pacing programmable parameters including hysteresis with preferably autosensing and autocapture/output management facilities.</li> <li>• Must have Ventricular and Atrial Capture Management.</li> <li>• Must minimize ventricular pacing by optimizing AV delay automatically.</li> <li>• Monitor the integrity of lead and switch polarity in case of issue.</li> <li>• The Size of lead should be 7F or less.</li> <li>• The Lead must be steroid eluting and should be both bipolar and unipolar configuration.</li> </ul>

	<ul style="list-style-type: none"> <li>• Must have both active and passive fixation endocardial leads available.</li> <li>• Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>• Company must provide its trained technical person for each implantation and for follow up programming whenever required.</li> <li>• Company must quote only the latest model of devices commercially available.</li> </ul>
1440	<b>DDDR</b> <ul style="list-style-type: none"> <li>• US FDA approved pacemaker with lead &amp; accessories</li> <li>• All pacing modes and basic pacing programmable parameters including hysteresis with preferably autosensing and autocapture/output management facilities.</li> <li>• Must have Ventricular and Atrial Capture Management.</li> <li>• Must minimize ventricular pacing by optimizing AV delay automatically. Monitor the integrity of lead and switch polarity in case of issue.</li> <li>• The Size of lead should be 7F or less.</li> <li>• The Lead must be steroid eluting and should be both bipolar and unipolar configuration.</li> <li>• Must have both active and passive fixation endocardial leads available.</li> <li>• Must have rate response which allows rate profile optimization</li> <li>• Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>• Company must provide its trained technical person for each implantation and for follow up programming whenever required.</li> <li>• Company must quote only the latest model of devices commercially available.</li> </ul>
1441	<b>DDDR (MRI Conditional)</b> <ul style="list-style-type: none"> <li>• US FDA approved pacemaker with lead &amp; accessories.</li> <li>• Should allow full body at least 1.5T MRI scan preferably without any restriction zone.</li> <li>• Mode based Physiological Pacing Algorithm to promote intrinsic conduction.</li> <li>• Patient symptomatic relief by regularizing Ventricular rhythm during AF.</li> <li>• Monitor the integrity of lead and switch polarity in case of issue.</li> <li>• The Size of lead should be 7F or less.</li> <li>• The Lead must be steroid eluting and should be both bipolar and unipolar configuration.</li> <li>• Must have rate response which allows rate profile optimization.</li> <li>• Must have both active and passive fixation endocardial leads available.</li> <li>• Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>• Company must provide its trained technical person for each implantation and for follow up programming whenever required.</li> </ul>
1442	<b>DDDR (AT/AF management,MRI Conditional)</b> <ul style="list-style-type: none"> <li>• US FDA approved pacemaker</li> <li>• With all lead &amp; accessories syncope management &amp; AF prevention</li> <li>• Should allow full body at least 1.5T MRI scan preferably without any restriction zone.</li> <li>• Evaluate threshold of atrial &amp; ventricular lead to adjust atrial &amp; ventricular output on daily basis.</li> <li>• Automatically adjust sensitivity to maintain adequate sensing margins.</li> <li>• Dual zone rate response, one for normal response and other for response during exercise.</li> <li>• Mode based Physiological Pacing Algorithm to promote intrinsic conduction.</li> <li>• Atrial intervention for AF Prevention by constantly overdriving Atrium.</li> <li>• Rate drop response for syncope management with ability to detect both drop rate and drop</li> </ul>

	<p>size.</p> <ul style="list-style-type: none"> <li>• ATP therapies to terminate high-rate atrial tachyarrhythmia episodes.</li> <li>• The Size of lead should be 7F or less.</li> <li>• The Lead must be steroid eluting and should be both bipolar and unipolar configuration.</li> <li>• Must have both active and passive fixation endocardial leads available.</li> <li>• Must have rate response which allows rate profile optimization.</li> <li>• Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>• Company must provide its trained technical person for each implantation and for follow up programming whenever required.</li> </ul>
1443	<p><b>Implantable Loop Recorder</b></p> <ul style="list-style-type: none"> <li>• US FDA approved</li> <li>• MRI compatible with 1.5 &amp;/or 3.0 T system At least 2 years of longevity</li> <li>• Ability to record AT/AF burden</li> <li>• Ability to record Brady-/Tachy- episodes</li> <li>• Patient triggered ECG storage.</li> </ul>
1444	<p><b>Implantable Loop Recorder &lt;1.5cc</b></p> <ul style="list-style-type: none"> <li>• US FDA approved</li> <li>• MRI compatible with 1.5 &amp;/or 3.0 T system</li> <li>• Volume &lt; 1.5 cc</li> <li>• Mass &lt; 3.0 grams</li> <li>• At least 2 years of longevity</li> <li>• Ability to record AT/AF burden</li> <li>• Ability to record Brady-/Tachyarrhythmia episodes.</li> <li>• Patient triggered ECG storage.</li> </ul>
1445	<p><b>Leadless Pacemaker</b></p> <ul style="list-style-type: none"> <li>• US FDA approved</li> <li>• Volume &lt; 0.9 cc</li> <li>• Weight of pacemaker &lt; 2.0 grams</li> <li>• Atraumatic fixation of pacemaker to minimize perforation risk.</li> <li>• MRI conditional in 1.5 or 3.0 T environment.</li> <li>• Automatically adjust sensitivity to maintain sensing margins.</li> <li>• Must have ventricular capture management</li> </ul>
1446	<p><b>AICD</b></p> <ul style="list-style-type: none"> <li>• US FDA approved AICD single chamber with all leads &amp; accessories.</li> <li>• RV lead must be 8F or less</li> <li>• All basic programmable parameters with preferably autosensing and auto capture/output management facilities.</li> <li>• Must have morphological based SVT discrimination.</li> <li>• Must monitor the lead integrity and notify in case of a suspected failure</li> <li>• Must have Shock Reduction or Shock Guard or any other similar technology.</li> <li>• Must have remote patient management capability.</li> <li>• Lead should be steroid eluting.</li> <li>• Should have both active and passive fixation leads.</li> <li>• Standard International Warranty</li> <li>• Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>• Company must provide its trained technical person for each implantation and for follow up</li> </ul>



	<p>programming whenever required.</p> <ul style="list-style-type: none"> <li>Company must quote only the latest model of devices commercially available.</li> </ul>
1447	<p><b>AICD (Advanced)</b></p> <ul style="list-style-type: none"> <li>US FDA approved AICD single chamber with all leads &amp; accessories</li> <li>Defibrillator with wireless telemetry without requirement of additional equipment</li> <li>Should be able to deliver at least 35J energy</li> <li>Ability to withhold shock in cases of RV noise</li> <li>Should Have programmable polarity of leads</li> <li>Should have capture management in RV</li> <li>Should audibly alert the patient in case of RV Noise &amp; Lead failure, and extend NID</li> <li>Should monitor the fluid build-up status in a heart failure patient and audible alert the patient in case its critical</li> <li>Should have ATP during charge in VF mode, with an option to make it ATP before charge.</li> <li>Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>Company must provide its trained technical person for each implantation and for follow up programming whenever required.</li> <li>Company must quote only the latest model of devices commercially available.</li> </ul>
1448	<p><b>AICD (MRI Conditional)</b></p> <ul style="list-style-type: none"> <li>US FDA approved single chamber AICD with all leads &amp; accessories</li> <li>Defibrillator with wireless telemetry without requirement of additional equipment</li> <li>Charge time &lt;12sec throughout the life.</li> <li>Should be 1.5T &amp;/or 3T full body MRI conditional preferably without any restriction zone.</li> <li>Programmable RV pace and sense vectors.</li> <li>Algorithm for reduction of shock in cases of RV noise.</li> <li>Algorithm for reduction of shock in cases oversensing of T-Wave</li> <li>Programmable energy for each shock independently</li> <li>Shock vector independently programmable for each shock</li> <li>ATP during charging and ATP before charging.</li> <li>Should allow morphology discrimination programmable.</li> <li>Complete capture Management</li> <li>Wireless Remote monitoring capable with full data transmission</li> <li>Should monitor the fluid build-up status in a heart failure patient, and audible alert the patient in case it's critical.</li> <li>Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>Company must provide its trained technical person for each implantation and for follow up programming whenever required.</li> <li>Company must quote only the latest model of devices commercially available.</li> </ul>
1449	<p><b>AICD Dual Chamber</b></p> <ul style="list-style-type: none"> <li>US FDA approved dual chamber AICD with all leads &amp; accessories</li> <li>Must have shock reduction technology</li> <li>All basic programmable parameters with preferably autosensing and auto capture/output management facilities.</li> <li>Must monitor the lead integrity and notify in case of a suspected failure</li> <li>RV lead must be 9F or less</li> <li>Must have all SVT discrimination in VF zone.</li> <li>Must have morphological based SVT discrimination.</li> <li>Must have remote patient management capability</li> <li>Lead should be steroid eluting</li> </ul>

	<ul style="list-style-type: none"> <li>• Should have both active and passive fixation leads</li> <li>• Standard International Warranty</li> <li>• Company must provide at least one programmer exclusively to the department of cardiology AIIMS Deoghar.</li> <li>• Company must provide its trained technical person for each implantation and for follow up programming whenever required.</li> <li>• Company must quote only the latest model of devices commercially available.</li> </ul>
1450	<b>AICD Dual Chamber (MRI Conditional)</b> <ul style="list-style-type: none"> <li>• US FDA approved dual chamber AICD with all leads &amp; accessories</li> <li>• Defibrillator with wireless telemetry without requirement of additional equipment</li> <li>• Should be at least 1.5T full Body MRI Conditional preferably without any restriction zone.</li> <li>• Should have a declared longevity of at least 8 years</li> <li>• Should be able to minimize RV pacing</li> <li>• Should be able to deliver at least 35J energy</li> <li>• Should have capture management in RA and RV</li> <li>• Ability to withhold shock in cases of RV noise</li> <li>• Ability to withhold shock in cases of T-Wave oversensing</li> <li>• Should have algorithms to manage and treat Atrial arrhythmias</li> <li>• Should have Rate Drop Response to counter Neurocardiogenic Syncope</li> <li>• Should audibly alert the patient in case of RV Noise &amp; Lead failure.</li> <li>• Should monitor the fluid build-up status in a heart failure patient, and audible alert the patient in case its critical</li> <li>• Should have ATP during change in VF mode, with an option to make it ATP before charge</li> </ul>
1451	<b>CRT-P</b> <ul style="list-style-type: none"> <li>• US FDA approved biventricular pacemaker with atrial, RV and LV leads and all accessories</li> <li>• Must have separate programmable RV, LV lead amplitude, pulse width and VV delay.</li> <li>• The size of RA, RV &amp; LV leads should be 7F or less</li> <li>• The leads should be steroid eluting and should be bipolar and unipolar configuration</li> <li>• Should have both active and passive fixation RA &amp; RV endocardial leads.</li> <li>• Should have facility for active fixation of LV lead in CS with both screwing and/or deployable lobes with anchor mechanism.</li> <li>• Should have facility for epicardial LV lead implantation.</li> <li>• Monitor the integrity of lead and switch polarity in case of issue</li> <li>• Must have RA, RV and LV Capture Management.</li> <li>• Must have remote patient management capability.</li> <li>• Standard International Warranty</li> </ul>
1452	<b>CRT-P (Advanced)</b> <ul style="list-style-type: none"> <li>• US FDA approved biventricular pacemaker with atrial, RV and LV leads and all accessories</li> <li>• Ability to program 'RV Synchronized LV Only' Pacing mode</li> <li>• Should have in-clinic Optimization capability</li> <li>• Should have Ventricular Sense Response</li> <li>• Should have Ventricular Safety Pacing in order to ensure 100% CRT Therapy</li> <li>• Should have capture management in RA, RV and LV</li> <li>• Should monitor the fluid build-up status in a heart failure patient, and audible alert the patient in case its critical</li> </ul>
1453	<b>CRT-D</b> <ul style="list-style-type: none"> <li>• US FDA approved biventricular pacemaker with atrial, RV and LV leads and all accessories</li> <li>• Wireless Telemetry</li> <li>• Should be able to deliver 35J energy</li> </ul>

	<ul style="list-style-type: none"> <li>• Should have capture management in LV</li> <li>• Ability to withhold shock in cases of RV noise</li> <li>• Ability to withhold shock in cases of T-Wave oversensing</li> <li>• Should have algorithms to manage and treat Atrial arrhythmias</li> <li>• Should have Rate Drop Response to counter Neurocardiogenic Syncope</li> <li>• Should audibly alert the patient in case of RV Noise &amp; Lead failure.</li> <li>• Should have ATP during charge in VF mode, with an option to make it ATP before charge</li> </ul>
1454	<b>CRT-D (Advanced)</b> <ul style="list-style-type: none"> <li>• US FDA approved biventricular pacemaker with atrial, RV and LV leads and all accessories</li> <li>• Wireless Telemetry</li> <li>• Should have in-clinic Optimization capability</li> <li>• Compatible with Quadripolar Lead Options</li> <li>• Ability to automatically select the best pacing vector</li> <li>• Should be able to minimize RV pacing</li> <li>• Should be able to deliver at least 35J energy</li> <li>• Should have capture management in RA, RV and LV</li> <li>• Ability to withhold shock in cases of RV noise</li> <li>• Ability to withhold shock in cases of T-Wave oversensing</li> <li>• Should have algorithms to manage and treat Atrial arrhythmias</li> <li>• Should have Rate Drop Response to counter Neurocardiogenic Syncope</li> <li>• Should monitor the fluid build-up status in a heart failure patient, and audible alert the patient in case its critical</li> <li>• Should audibly alert the patient in case of RV Noise &amp; Lead failure.</li> <li>• Should have ATP during charge in VF mode, with an option to make it ATP before charge</li> </ul>
1455	<b>CRT-D (MRI Conditional)</b> <ul style="list-style-type: none"> <li>• US FDA approved biventricular pacemaker with atrial, RV and LV leads and all accessories.</li> <li>• Wireless Telemetry</li> <li>• Should be 1.5T or 3T Full Body MRI Conditional.</li> <li>• Should have in-clinic Optimization capability</li> <li>• Compatible with Quadripolar Lead Options</li> <li>• Ability to automatically select the best pacing vector.</li> <li>• Should be able to minimize RV pacing</li> <li>• Should be able to deliver at least 35J energy</li> <li>• Should have capture management in RA, RV and LV</li> <li>• Ability to withhold shock in cases of RV noise</li> <li>• Ability to withhold shock in cases of T-Wave oversensing</li> <li>• Should have algorithms to manage and treat Atrial arrhythmias</li> <li>• Should have Rate Drop Response to counter Neurocardiogenic Syncope</li> <li>• Should audibly alert the patient in case of RV Noise &amp; Lead failure.</li> <li>• Should monitor the fluid build-up status in a heart failure patient, and audible alert the patient in case its critical</li> <li>• Should have ATP during charge in VF mode, with an option to make it ATP before charge</li> </ul>
1456	<b>CRT-D (with only LV Pacing Option)</b> <ul style="list-style-type: none"> <li>• US FDA approved biventricular pacemaker with atrial, RV and LV leads and all accessories.</li> <li>• Wireless Telemetry</li> <li>• Ability to program 'RV synchronized LV Only' Pacing mode</li> <li>• Should have in-clinic Optimization capability</li> <li>• Compatible with Quadripolar Lead Options</li> <li>• Ability to Automatically select the best Pacing Vector through Vector Express</li> <li>• Should be able to minimize RV pacing</li> </ul>

	<ul style="list-style-type: none"> <li>• Should be able to deliver 35J energy</li> <li>• Should have capture management in RA, RV and LV</li> <li>• Ability to withhold shock in cases of RV noise</li> <li>• Ability to withhold shock in cases of T-Wave oversensing</li> <li>• Should have algorithms to manage and treat Atrial arrhythmias</li> <li>• Should have Rate Drop Response to counter Neurocardiogenic Syncope</li> <li>• Should audibly alert the patient in case of RV Noise &amp; Lead failure.</li> <li>• Should monitor the fluid build-up status in a heart failure patient, and audible alert the patient in case its critical</li> <li>• Should have ATP during charge in VF mode, with an option to make it ATP before charge</li> </ul>
1457	<p><b>CRT-D (with only LV Pacing Option, MRI Conditional)</b></p> <ul style="list-style-type: none"> <li>• US FDA approved biventricular pacemaker with atrial, RV and LV leads and all accessories.</li> <li>• Wireless Telemetry</li> <li>• Should be 1.5T or 3T full Body MRI Conditional without exclusion zone</li> <li>• Ability to program 'RV Synchronized LV Only' Pacing mode</li> <li>• Should have in-clinic Optimization capability</li> <li>• Compatible with Quadripolar Lead Options</li> <li>• Ability to Automatically select the best Pacing Vector through Vector Express</li> <li>• Should be able to minimize RV pacing</li> <li>• Should be able to deliver 35J energy</li> <li>• Should have capture management in RA, RV and LV</li> <li>• Ability to withhold shock in cases of RV noise</li> <li>• Ability to withhold shock in cases of T-Wave oversensing</li> <li>• Should have algorithms to manage and treat Atrial arrhythmias</li> <li>• Should have Rate Drop Response to counter Neurocardiogenic Syncope</li> <li>• Should audible alert the patient in case of RV noise Lead failure</li> <li>• Should monitor the fluid build-up status in a heart failure patient, and audibly alert the patient in case its critical</li> <li>• Should have ATP during charge in VF mode, with an option to make it ATP before charge.</li> </ul>

**List of Items**  
**RATE CONTRACT FOR SUPPLY OF CONSUMABLES & DISPOSABLES FOR CARDIO THORACIC AND VASCULAR SURGERY (CTVS) AIIMS, Deoghar**

S. No.	Item Name	Specification
1458	CORRUGATED TUBE CONNECTOR	<p>Should allow connection between all breathing circuits and the ET tube connector.</p> <p>The corrugated tube should be expandable.</p> <p>Should Allow movement of breathing circuit at patient end. Should be made of medical grade PVC.</p> <p>Should be compatible with ETT and tracheostomy tube.</p>
1459	CUFF INFLATOR AND PRESSURE GAUGE	<ul style="list-style-type: none"> <li>• It is used to inflate &amp; precisely monitor the cuff pressure of ET tube, Tracheostomy Tube &amp; LMA Cuff.</li> <li>• Reduce the risk of pressure necrosis and mucosal ischemia</li> <li>• The risk of aspiration can be avoided</li> <li>• Eliminates the use of syringes to inflate &amp; deflate the cuffs b.</li> </ul> <p>Should have release valve to adjust the pressure.</p> <p>tube.</p> <ul style="list-style-type: none"> <li>• Should have the hook at the back of fits into standard rail.</li> <li>• Should have widely spaced scale markings with colour coded pressure ranges.</li> <li>• Ergonomic one hand operation</li> </ul>
1460	INTUBATION PILLOW	<ul style="list-style-type: none"> <li>• Reusable Intubation pillow for Head elevated laryngoscopy position (HELP) for airway management of Obese &amp; large framed patients.</li> <li>• Should be made up of Dense Foam.</li> <li>• Should be supplied with Head Cradle</li> <li>• Should be Vinyl Covered</li> <li>• Should be CE marked</li> </ul>
1461	NEGATIVE INSPIRATORY FORCE METER	<ul style="list-style-type: none"> <li>• Should be disposable, compact, Light Weight &amp; single patient use Negative Inspiratory Force Meter to check the Negative Inspiratory Force of the Ventilated patients with the facility of memory indicator pointer to record &amp; reset highest force achieved by the patient individually packed ready for use.</li> <li>• Should be CE marked.</li> </ul>
1462	CAPNOGRAPHY CO2 SAMPLING MASK	<ul style="list-style-type: none"> <li>• Should have the provision for breath to breath monitoring for both nose &amp;</li> <li>• Should have the facility to deliver oxygen &amp; allow sampling of exhaled carbondioxide from mouth &amp; nose at the same time.</li> <li>• Should have attached micro filter at the CO2 sampling port end to protect the CO2 monitor</li> <li>• Should be able to connect the Luer lock connector to any side stream CO2 monitor.</li> </ul>

		<ul style="list-style-type: none"> <li>• Made up of clear medical grade soft PVC.</li> </ul>
1463	COLORIMETRIC DISPOSABLE CO2 DETECTOR	<ul style="list-style-type: none"> <li>• For patients from 250gm to 15+kg . Body weight.</li> <li>• Should have the facility of activation by pull tab Technique.</li> <li>• Should be able to work for 24 hours once activated by pulling tab.</li> <li>• Should be able to indicate - Blue green &amp; yellow colour.</li> <li>• Should have larger CO2 viewing window.</li> <li>• Should have 15mm I.D. Standard Taper at Patient End &amp; 15mm O.D. Standard Taper at Circuit End.</li> <li>• Should be CE marked</li> <li>• Sizes Infant, Paediatric &amp; Adult</li> </ul>
1464	SINGLE LUMEN CATHETER (SELDINGER TECHNIQUE)	<ul style="list-style-type: none"> <li>• Should be polyurethane Single Lumen catheter with J Guide-wire non kinking kit</li> <li>• should be radio opaque with fixation wing &amp; integral extension tube with flexible &amp; transparent extension tube (PUR)</li> <li>• Size – Catheter 12-22G,</li> <li>• Lengths- 10cm-20cm</li> </ul>
1465	LA LINE CENTRAL CATHETER(ALL SIZES)	<ul style="list-style-type: none"> <li>• Should be long I.V Catheter with external needle and fixed proximal hub catheter in fully radiopaque polyurethane protected by a non touch-handling sleeve marking every cm 10 to 20cm.</li> <li>• Should be made available in assorted sizes.</li> </ul>
1466	SWAN GANZ PA CATHETER INTRODUCER KIT SET:	<ul style="list-style-type: none"> <li>• Percutaneous Sheath introducer set should have bonded hemostasis valve &amp; side port along with .035 x 45 cm straight &amp; “J” tip guide wire for introducing 7.5 Fr&amp; 8.0 Fr PA Catheter.</li> <li>• It should have sheath diameter of 8.5 F &amp; sheath length of ≈11 cm. It should be made of radiopaque polyurethane &amp; should have a coating of Heparin as well as antimicrobial material (Benzalkonium Chloride) on entire sheath surface.</li> <li>• It should come with 1 catheter contamination shield, ≈80 cm in length.</li> <li>• It should have one 4 -way stopcock, one vessel dilator &amp; four 4x 4 gauze pads. One disposable scalpel, # 11 blade &amp; one 18 ga x 2 ½ thin wall needle.</li> </ul>

1467	SWAN GANZ THERMODILUTION VIP CATHETER	<ul style="list-style-type: none"> <li>Flow directed 5-lumen balloon tipped pulmonary artery catheter. 7.5 Fr in diameter &amp; ≈110 cm in length</li> <li>It should have a coating of Heparin as well as antimicrobial material (Benzalkonium Chloride) on entire catheter surface.</li> <li>Should be able to give Cardiac output using Thermo dilution method</li> <li>Should be able to give PA pressure, PAWP &amp; RA Pressure when connected to trasducer.</li> <li>Should have proximal infusion &amp; proximal injectate ports at ≈31 cm &amp; ≈30 cm respectively.</li> <li>It should come with one volume-limiting syringe of 1.5cc for balloon inflation</li> </ul>
1468	SWAN GANZ PA CATHETER	<ul style="list-style-type: none"> <li>Flow directed 3 lumen balloon tipped pulmonary artery catheter, 7 Fr in diameter &amp; ≈110 cm in length</li> <li>Should be able to give PA pressure, PAWP &amp; RA Pressure when connected to transducer. Should have proximal infusion port at 30 cm. Recommended guide wire size 0.89 mm.</li> <li>It should come with one volume -limiting syringe of 1.5cc for balloon inflation.</li> </ul>
1469	PRESSURE INFUSION BAG	<p>Should be made up of durable plastic to prevent the rip &amp; tear of bag</p> <p>Should have clear sleeve around the bag to see the contents of the fluid bag.</p> <p>Should have convenient IV pole loop hanger</p> <p>Should have I.V Bag holder to hang the fluid bag inside.</p> <p>Should have double sealing to prevent the rip or tear of pressure bag</p> <p>Should have stopcock valve.</p> <p>Should have efficient palm fitted bulb for the inflation of bag.</p> <p>Pressure gauge should have 360-degree window to see pressure from all sides.</p> <p>Should have built in bleed valve to check the over inflation of the bag.</p> <p>Sizes- 3000ml.</p> <p>Each bag should have aneroid pressure gauge with inflation capacity of 400 to 700 mmHg.</p>
1470	CLOSED CIRCUIT (PEDIATRIC):	<ol style="list-style-type: none"> <li>ISO marked.</li> <li>Length-1.75mtr. double tubing with a Y connector with least dead space.</li> <li>Y connector adopter 15mm to 20 mm connector.</li> <li>Latex free medical plastic material, disposable, non-irritant to tissue, and should not react to anesthetic gases and volatile agents.</li> <li>Outer diameter (OD) 10-12mm.</li> <li>Bag-1L. capacity, natural latex medical grade rubber, antistatic, soft and should not react with anesthetic gases and agents.</li> <li>Expandable type, corrugated, non-kinkable tube.</li> </ol>
1471	PIECE WITH APL VALVE	<ul style="list-style-type: none"> <li>Should be good quality, light weight, non conductive disposable T piece with corrugate tubing 1.8m circuit length, low resistance, 500 ml bag with APL valve with 15F/22F connector, safety cap.</li> </ul>

1472	ANESTHETIC CIRCUIT HOLDER OF ADULT, PEDIATRIC AND NEONATAL CIRCUITS	•ANESTHETIC CIRCUIT HOLDER OF ADULT, PEDIATRIC AND NEONATAL CIRCUITS
1473	ENDOTRACHEAL TUBES WITH CUFF (DISPOSABLE):	<ul style="list-style-type: none"> <li>• Pre-sterilized, single use</li> <li>• Siliconized PVC non-toxic to tissues.</li> <li>• Implantation tested marking on the tube.</li> <li>• Thermo-sensitive to adapt to tracheal anatomy.</li> <li>• Non-kinkable.</li> <li>• Bevel with Murphy eye.</li> <li>• Radio-opaque line all along the length of the tube to detect the correct position on X-ray.</li> <li>• Should adopt universal connector of 15mm and should be compatible with all circuits.</li> <li>• Cuff should be bonded, non-herniating.</li> <li>• Size range- 2.5 to 8.0 mm in 0.5mm increments.</li> <li>• Inflation of the cuff balloon via a one-way valve with a pilot balloon and should be on the concave aspect of the tube.</li> <li>• Depth marker at the proximal cuff end, 3 cm from the cuff.</li> <li>• Cuff should be smooth, non-traumatic, low-pressure high volume.</li> <li>• ETT opening should be beveled type, rounded edge, facing to the left end of the tube with an angle of 38 +/- 10°</li> <li>• Markings on the tube to know the depth of insertion and fixation at mouth.</li> <li>• Specified mention on the tube- <ul style="list-style-type: none"> <li>o Nasal/oral</li> <li>o Outside diameter OD in mm.</li> <li>o Inside diameter ID in mm.</li> </ul> </li> <li>a. Made of medical grade PVC</li> <li>b. Left and right sided.</li> <li>c. All sizes.</li> <li>d. Bronchial cuff should be of blue color and its pilot balloon should be also of blue color for the ease of differentiating between tracheal &amp; bronchial cuffs.</li> <li>e. Pre-sterilized, ready for use.</li> <li>f. Should have pre-inserted stellate to help maintain the shape and curve of the tube.</li> </ul>
1474	DOUBLE LUMEN ENDOTRACHEAL TUBE:	<ul style="list-style-type: none"> <li>a. Made of medical grade PVC</li> <li>b. Left and right sided.</li> <li>c. All sizes.</li> <li>d. Bronchial cuff should be of blue color and its pilot balloon should be also of blue color for the ease of differentiating between tracheal &amp; bronchial cuffs.</li> <li>e. Pre-sterilized, ready for use.</li> <li>f. Should have pre-inserted stellate to help maintain the shape and curve of the tube.</li> </ul>
1475	THERMOPLASTIC SUPRA-GLOTTIC AIRWAY DEVICE	<ul style="list-style-type: none"> <li>• Should have soft non inflatable anatomical seal, epiglottis blocker; buccal cavity stabilizer, integrated bite block; integrated gastric channel for passage of nasogastric tube</li> <li>• Size: 1, 1.5, 2, 3, 4, 5</li> </ul>
1476	PERCUTANEOUS TRACHEOSTOMY SET WITH TRACHEOSTOMY TUBE:	<ul style="list-style-type: none"> <li>• Should be with tracheostomy tube.</li> <li>• Should have multiple dilators of different sizes- 14Fr., 21Fr., 24Fr., 27Fr.</li> <li>• Guiding catheter over which the dilator is introduced</li> <li>• The guide wire should have position markings.</li> <li>• Should have introducer needle with sheath.</li> <li>• Should be supplied with essential accessories.</li> </ul>



1477	CORRUGATED TUBE CONNECTOR	<p>allow movement of breathing circuit at patient end.</p> <ul style="list-style-type: none"> <li>• Should allow connection between all breathing circuits and the ET tube connector.</li> <li>• The corrugated tube should be expandable.</li> <li>• Should be made of medical grade PVC.</li> <li>• Should be compatible with ETT and tracheostomy tube.</li> </ul>
1478	CATHETER MOUNTS WITH BRONCHOSCOPY PORT:	<ul style="list-style-type: none"> <li>• Should be flexible &amp; Extendable</li> <li>• Should be having bronchoscopy port.</li> <li>• Should be 360 degree rotating head.</li> </ul>
1479	SUCTION TUBE 30M COIL, 7MM ID WITH BUBBLE NON CONDUCTIVE	
1480	SUCTION TUBE 30M COIL 5MM ID WITH BUBBLE NON CONDUCTIVE	
1481	HME filters for neonatal:	Low dead space, hydrophobic filtration incorporated with heat and moisture exchange filter and with retainable gas sampling port, disposable good quality.
1482	ANTI MICROBIAL BREATHING SYSTEM HEATED WIRE	<ul style="list-style-type: none"> <li>• Should be light weight and flexible to minimize drag on circuits,</li> <li>• 1.5m heated inspiratory tubing,</li> <li>• Silver impregnated 0.5m humidifier connection tube,</li> <li>• Auto float humidification chamber with dual float</li> <li>• Sizes: Adult, pediatric, Neonatal.</li> </ul>
1483	SUCTION CATHETER THUMB CONTROLLED	<ul style="list-style-type: none"> <li>• Working length should be at least 50cms (working length without Connector) for 10Fr. &amp; above; should be at least 40 cm. in length below 10 Fr.</li> <li>• Should be color-coded and should have open end with lateral eye with length marked in centimeters with male connector with vacuum control device as ISO specifications.</li> <li>• Should be in straight soft blister packing.</li> <li>• Should have markings on the full length of the tube</li> <li>• Should have markings on the catheter.</li> <li>• Sizes 6,8,10,12,14,16, and 18 Fr.</li> </ul>
1484	LEUCOCYTE REDUCING BLOOD TRANSFUSION SET:	<p>Blood set should have drip chamber and filter with proven leucocyte reduction properties for leucocyte free blood transfusion for organ transplant use.</p> <p>It should have filter size 40 microns and 180 sq. cm of filter area and should have attached IV set with a luer lock tip.</p>
1485	MEASURED VOLUME SET (ISO/CE)	<ul style="list-style-type: none"> <li>• Should be made up of PVC material</li> <li>• Should have soft cylindrical float valve to prevent air embolism</li> <li>• The set should have transparent tubing and chamber.</li> <li>• Should have capacity of 100ml and 150 ml.</li> <li>• Should have drip nozzle with reduced size of drop that has to be uniform at 60 drops/ml.</li> <li>• port for injection.</li> <li>• Should be sterile ready for use.</li> <li>• Should be double packed.</li> <li>• Should have short bevel 23 G Vein needle.</li> </ul>

		<ul style="list-style-type: none"> <li>• Should have built in airway for bottle perforating spike (air vent).</li> </ul>
1486	SURGIAL TAPE NON WOVEN, VISCOS RAYON POROUS BACKING (MICRO PORE TYPE PAPER TAPE ) WITHOUT DISPENSER.	Sizes : <ul style="list-style-type: none"> <li>• 3 X 9.10 mtrs.</li> </ul>
1487	SPIRAL (POLYETHYLENE) TUBING	<ul style="list-style-type: none"> <li>• Should be spirally coiled tubing (polyethylene) for drug infusion (Drug compatible).</li> <li>• Size – 100,150,200,300 &amp; 400cm.</li> <li>• Should be US FDA APPROVED</li> </ul>
1488	POLYETHYLENE PRESSURE EXTENSION TUBE	<ul style="list-style-type: none"> <li>• Should be polyethylene high pressure extension tube (drug compatible)</li> <li>• Size – 11, 30,50,100,150&amp; 200cm.</li> <li>• Should be US FDA APPROVED.</li> </ul>
1489	EXTENSION LINE FOR LIGHT SENSITIVE DRUGS	<ul style="list-style-type: none"> <li>• Extension line for light Sensitive drugs (anti UV).</li> <li>• Size – 100,150,200cm.</li> <li>• Should be US FDA APPROVED.</li> <li>• It should have 200 cm long multichannel tubing to ensure continuous supply.</li> </ul>
1490	BASIC PARALLEL VENTILATOR CIRCUIT:	FDA & CE marked should incorporate with in-line nebulization T Valve with Automatic closer preventing pressure drop. Must be clear construction.
1491	FLEXIBLE TUBING – SILICONE:	<ul style="list-style-type: none"> <li>• Highly flexible medical grade silicone tubing, autoclavable, can be sterilized by EO.</li> <li>• Sizes : 6mm &amp; 8mm;</li> <li>• Length of tube roll should be 60.0mtr.</li> </ul>
1492	DISPOSABLE SHOE COVER:	<ul style="list-style-type: none"> <li>• Should be of good quality (thick)</li> <li>• Made from non-toxic non-woven, thick fabric.</li> <li>• Well stitched in universal regular size.</li> <li>• Skid resistant &amp; dust proof.</li> <li>• Hard elasticated for better grip and easy to wear.</li> <li>• Should cover the ankles.</li> <li>• Size: Assorted - (Std. size of shoe from 7 to 12) &amp; blue color.</li> </ul>

1493	DISPOSABLE FOLEY'S CATHETER (2 WAY) – ADULT & PAED	<ul style="list-style-type: none"> <li>• Disposable 2 way latex Foley catheter</li> <li>• Should be manufactured from natural rubber latex coated with silicone so as to eliminate the risk of encrustation.</li> <li>• Should have symmetrical large capacity balloon to ensure a straight tip and proper flow for good sphincter action to prevent bladder leakage.</li> <li>• Should have coned distal end with burr free eyes for a-traumatic insertion.</li> <li>• Should have hard valve to ensure easy inflation and deflation of balloon.</li> <li>• Balloon capacity- 3-5 ml for pediatric and 30 to 50 ml for adult catheter.</li> <li>• Length- 20-30 cm.</li> <li>• Should have colour coded for instant size identification.</li> <li>• Should be sterile and should be individually packed in peel-able pack.</li> <li>• Sizes-22 only</li> <li>• ISO 9002 CE marking, should confirm to ASTM- F623-99 Guideline specification for Foley's catheter.</li> </ul>
1494	50ml SYRINGE(with luer lock)	a) Should be made of clear PVC. b) Should have rubber seal in the piston c) Should have a luer lock
1495	ABSORBABLE DISPOSABLE PILLOW COVER FOR STANDARD SIZE 75X55CM	
1496	DISPOSABLE CHAMBER FOR BAL COLLECTION WITH ADAPTER	Disposable sterile container for Bronchoscopy application.
1497	Bite block size 4:	Bite block size 4 for oral fixation of ETT size 6.5-8.0mm, Laryngeal Tube size 2 & 2.5 tube should clip into the bite block for protection against occlusion.
1498	Bite block size 5	Bite block size 5 for oral fixation of ETT size > 8.5mm, Laryngeal tube Size 2 & 2.5 LMA 2 & 2.5 tube should clip into the bite block for protection against occlusion.
1499	Bite block Size 6	Bite block size 6 for oral fixation of laryngeal Tube size 3,4,&5 and LMAs, Tube should clip into the bite block for protection against occlusion.
1500	MEDICAL GRADE SODA LIME CO2 ABSORBENT GRANULES	Medical grade best quality soda lime granules. Hardness, moisture and absorption should be international agency certified. Should be good quality for closed circuit. There should be high contrast pink to white color change after absorbent capacity is exhausted. Pack size should be 5 liter/container.
1501	Disposable DVT Sleeve (Calf & Thigh)	
1502	Disposable DVT Sleeve (calf)	

1503	SPECIFICATION FOR BIS SENSORS	<ul style="list-style-type: none"> <li>• It should have four sensors element to capture, recognize and discard artifact.</li> <li>• Connector should provide secure click-in connection with push button release</li> <li>• It should include an additional above eye element, which captures critical eye motion data, along with other important physiological signals.</li> <li>• It should have flexible design adjusts to different head sizes</li> <li>• It should have FDA approval</li> <li>• Should be supplied by authorized channel partner from principal company/ manufacture. Electrode Gel: Potassium Chloride (KCl) , latex free. Sizes ADULT and PEDIATRIC</li> </ul>
1504	NIRS SENSORS.	ADULT AND PEDIATRIC
1505	DISPOSABLE PULSE OXIMETER SENSORS (SP02)	<ul style="list-style-type: none"> <li>• Should be compliant with the equipment intended to continuously estimate and display non-invasively a patient's arterial blood oxygen saturation and pulse rate</li> <li>• Proposed sensors must comply with NellcorTechnology.</li> <li>• Digit sensors should be available in Adult, Pediatric, Neonatal and Infant sizes to accommodate diverse patient sizes, weights and needs.</li> <li>• Seller must have all types of sensors available (e.g., finger, forehead, and ear). Sensor must be available in Adult, Pediatric, Infant and Neonatal Sizes.</li> <li>• Sensor extension cables must be available in 4' and 9' lengths.</li> <li>• The sensors must be compatible with all generations of NellcorOximetry Technology in NellcorOximeters and OEM/Licensee Multi-parameter meter systems with all generation of Nellcor technology.</li> <li>• The sensor shall resist inadvertent displacement.</li> <li>• The sensor shall resist interference from ambient light.</li> <li>• The sensors shall not be adversely affected by fluid spills or common disinfectantsolutions.</li> </ul>
1506	INFANT FEEDING TUBE:	<ul style="list-style-type: none"> <li>• Size: 3,4,10 Fr., color-coded.</li> <li>• Silken smooth tube, medical grade siliconized PVC.</li> <li>• X-ray opaque line.</li> <li>• Fitted with female luer mount with built-in stopper/ lid.</li> <li>• Packed in peel-off pouch, not coiled packing.</li> <li>• Sterilized ready to use.</li> <li>• Length of tube minimum - 50 +/- 5 cm.</li> <li>• Smooth rounded tapered distal end with two lateral eyes.</li> </ul>
1507	URINE COLLECTION BAG WITH TRANSPARENT VOLUME CHAMBER:	<ul style="list-style-type: none"> <li>• Sterile ready for use.</li> <li>• Bag should be manufactured from clinical grade transparent PVC.</li> <li>• Capacity- 2000ml.marked in increments of 50 ml.</li> <li>• Fitted with non-return valve to avoid spillage.</li> <li>• One-meter long super smooth, highly flexible non-kinkable tube which should provide approx. 6.5 mm diameter with universal male connector.</li> <li>• Leak proof, single piece/ welded manufacture.</li> <li>• Provided with hanging device to be fitted on to the bed.</li> </ul>

		<ul style="list-style-type: none"> <li>• Stopper drain should be attached with the bag.</li> </ul>
1508	Clinical thermometer:	<ul style="list-style-type: none"> <li>• Good quality.</li> <li>• Digital</li> <li>• For oral temperature measurement.</li> </ul>
1509	Surgical Adhesive GLUE	<ul style="list-style-type: none"> <li>• BSA ( Bovine Serum Albumin ) &amp; glutaraldehyde in the ratio of 4:1 surgical glue</li> <li>• Thrombin Free</li> <li>• Biodegradable and Biocompatible</li> <li>• Simple, ergonomic design allows for unmatched preparation and ease of use.</li> <li>• No reconstitution or manual mixing</li> <li>• NO NEED OF Room temperature storage - No warming/thawing</li> <li>• Open and use - Ready in just seconds</li> <li>• SHOULD BE Sets up in 20-30 seconds and reaches full strength in just two minutes</li> <li>• SHOULD BE Seals anastomoses, reinforces friable tissue, and adheres dissected tissues together used for sealing, adhering and reinforcing tissue</li> </ul>
1510	AORTIC PUNCH	<p>Should have Sharp, dual cutting edge for clean, precise removal of aortic tissue</p> <ul style="list-style-type: none"> <li>• should have a conical tip for easy insertion by straight or button-hole technique</li> <li>• Punch should be available with tapered cutting blade to increase visibility.</li> <li>• Should be available in all functional sizes</li> <li>• Should have long and short handle configuration</li> </ul>
1511	Coronary artery retraction clips Sizes 3mm and 5mm	<ul style="list-style-type: none"> <li>• Should be designed to improve exposure to a coronary anastomosis site. Should be able to small prongs and gently hold tissues away from the vessel to improve vision.</li> </ul>
1512	Temporary pigtail pacing wire	<ul style="list-style-type: none"> <li>• Should include unipolar atrial and ventricular pacing, pediatric unipolar pacing, and the bipolar pacing lead.</li> </ul>
1513	Tissue Stabilizer for beating heart	<ul style="list-style-type: none"> <li>• Should be a low profile tissue stabilizer with auto spread feature of pods.</li> </ul>
1514	Heart positioner for beating heart	<ul style="list-style-type: none"> <li>• Should be a low profile positioner for apex and off apex position use/ to lift the heart.</li> </ul>
1515	Tissue Stabilizer for Minimally invasive beating heart surgery.	<ul style="list-style-type: none"> <li>• Should be stabilizer to be used via thoracotomy with detachable shaft and should have fully rotating pods.</li> </ul>
1516	Heart positioner for Minimally invasive beating heart surgery	<p>Should be a positioner with detachable shaft for MICS via thoracotomy.</p>
1517	Mist Blower	<ul style="list-style-type: none"> <li>• Should have specialized nozzle utilizing a micro orifice for fluid delivery and a separate orifice for gas delivery. Should have the malleable shaft and on/off control on the hand piece.</li> </ul>

1518	Arteriotomyshunts(Intra Coronary Shunts)	<ul style="list-style-type: none"> <li>• Sizes 1.0,1.25,1.5,1.75,2.0,2.5,2.5, 2.75 &amp; 3.0mm.</li> <li>• Should be beveled tip.</li> <li>• Should have fully transparent body.</li> </ul>
1519	ACT Cartridges	<ul style="list-style-type: none"> <li>a. Should have double cell measurement to increase accuracy of results,</li> <li>b. Should use liquid kaolin activator for real time efficient clot detection,</li> <li>c. Should allow room temperature storage</li> </ul>
1520	SPECIFICATION FOR INTRA AORTIC BALLOON CATHETER	<ul style="list-style-type: none"> <li>• IAB Catheter should be of 7.5 Fr with displacement volume of 24cc, 34cc &amp; 40 cc. and 8Fr with volume displacement 50cc.</li> <li>• It should be more abrasion resistant and have good fatigue resistance</li> <li>• Should immediately inflate at start up without manual catheter.</li> <li>• It should be compatible with Data scope /Arrow pumps</li> <li>• It should have exact 7.5Fr size sheath and dilator set.</li> <li>• It should have 0.025 3mm J PTFE stainless steel guide wire.</li> <li>• It should be approved by US FDA.</li> </ul>
1521	EMERGENCY CRICOTHYROIDOTOMY SET :	<ul style="list-style-type: none"> <li>• Should have a conical introducer,</li> <li>• Dilators should be made of stainless steel,</li> <li>• Cricothyroidotomy tubes should be of medical grade plastic.</li> <li>• With 15 mm connector,flexible tube extension made of silicone,scalpel,one way syringe,comfort neck band</li> <li>• Sizes 2mm, 4mm.</li> </ul>
1522	MICRO AGGREGATE BLOOD FILTER FOR RED CELL TRANSFUSION	<ul style="list-style-type: none"> <li>• Filter media should be 40 micron rated polyester screen media with uniform pore size</li> <li>• Should have total filter surface area of &gt; 170 Sq.cm</li> <li>• Should have average capacity of filtering 10 units of blood.</li> </ul>
1523	PACKED RED CELL & WHOLE BLOOD LEUCOCYTE REDUCTION FILTERS.	<ul style="list-style-type: none"> <li>a. Bedside filtration of one &amp; two unit of packed red blood cells or whole blood</li> <li>b. Should have universal spike with microbiological recovery vent</li> <li>c. Should be with attached straight administration set/automatic self leveling drip chamber</li> <li>d. Performance should consistently average less than 2x10<sup>5</sup> residual leukocytes per unit</li> <li>e. Red cell recovery should average greater than 90%.</li> <li>f. Filter housing hold up volume should be &lt;25ml for one unit filter and &lt;35ml for two unit filter</li> <li>g. It should be single use</li> </ul>
1524	SPECIFICATION FOR FORCED WARMING BLANKET	<ul style="list-style-type: none"> <li>• Should be disposable and two layered;</li> <li>• Should consist of non woven propylene fabric for body warming.</li> <li>• Should be usable with forced air warming units.</li> <li>• Material should be latex free and should meet flammability standard 16 CFR 1610 for safety.</li> <li>• The manufacturer must have all the below listed types of blankets and should quote the prices separately for separate blankets</li> <li>• Full Body Adult</li> <li>• Underbody Adult with Arm and Head Openings</li> <li>• Pediatric Full body</li> <li>• Pediatric underbody Blanket.</li> <li>• Should be compatible with common machines.</li> <li>• Should be CE certified</li> </ul>

1525	LV Vent:	<ul style="list-style-type: none"> <li>Left ventricular vent should consist of round tipped dual lumen tube with lateral eyes, suture collars &amp; proximal funnel connectors used for emptying the Left Ventricle for clearer view during surgery. All sizes.</li> </ul>
1526	AntegradeOstialCardioplegia Cannula - All Size:	<ul style="list-style-type: none"> <li>Antegrade-cardioplegia cannula should be made of soft 100% silicone conduit with distal bulbous end &amp; should have luer lock connector at the proximal end for administration of cardioplegia solution into the coronary ostia. Sizes: 3.5, 4, 4.5, 5, 5.5, 6 mm.</li> </ul>
1527	Cardioplegia Cannula Size Infant:	<ul style="list-style-type: none"> <li>Cardioplegia cannula should be made of soft 100% silicone &amp; should be tapered conduit with distal open tip having adjacent lateral eyes, followed by a flange for secure positioning. It should have proximal luer lock &amp; a SS needle with hub. Size: Infant.</li> </ul>
1528	Arterial cannula for arch cannulation Sizes 20FR -24 Fr.	<ul style="list-style-type: none"> <li>Should have elongated one piece wire wound body with radiopaque suture ring and dilator with depth markings.</li> </ul>
1529	Axillary artery one piece cannula with central arterial pressure measurement	Sizes 18 Fr.-24Fr.Should have elongated one piece wire wound body with radiopaque suture ring and dilator with depth markings. Should have integrated pressure monitoring port at tip
1530	One piece Pediatric Aortic cannula Size 6FR-16 Fr Vented	Should be beveled with thin wall tips and should be elongated one piece.
1531	Straight Tip Arch cannula Sizes 8Fr-24 Fr vented and Non vented; Pediatric and Adult	<ul style="list-style-type: none"> <li>Should be beveled thin wall tips attached to tapered cannula bodies. Should be available in pediatric and adult sizes.</li> </ul>
1532	Angled tip Arterial cannula Sized 8 Fr - 24 Fr	<ul style="list-style-type: none"> <li>Should be beveled thin wall tips attached to tapered cannula bodies.</li> <li>Should have kink resistant wire wound bodies.</li> </ul>
1533	Arterial cannula angled with diffused flow tip Sizes 18 Fr-24Fr	<ul style="list-style-type: none"> <li>Should be one piece wire wound body with integrated flutes for diffused flow.</li> </ul>
1534	Femoral one piece Arterial and venous cannula kit	<ul style="list-style-type: none"> <li>Sizes 8-21 Fr. arterial and 8-29 Fr. Venous cannula</li> <li>Should be one piece wire wound body.</li> </ul>
1535	Femoral Multistage venous cannula	<ul style="list-style-type: none"> <li>Sizes: 29/29/29 Fr and 29/46/37 Fr</li> <li>Should be one piece wire wound multiple side holes body with percutaneous kit.</li> </ul>
1536	Standard insertion kit for femoral cannulation	a. Kit for femoral cannulation should contain 12-14 Fr, Scalpel # 11 blade, Introduce needle 18 ga, vessel dilator 8-10 Fr, vessel dilator Guidewire .038 in X 180 cm, catheter tip , Syringe
1537	Carpentier Bi-caval femoral venous cannula	<ul style="list-style-type: none"> <li>Sizes : 24/29 Fr, 30/33Fr</li> <li>Should have wire wound kink resistant two stage design.</li> </ul>
1538	Single stage venous cannula with Metal tip Sizes 12-31 Fr	<ul style="list-style-type: none"> <li>Should have kink resistant wire wound taper body with beveled metal tip.</li> </ul>
1539	Single stage Venous cannula with right angle Sizes 12-40 Fr	<ul style="list-style-type: none"> <li>Should have kink resistant wire wound taper body with tapered multiport tips.</li> <li>be right angled with plastic tip.</li> </ul>
1540	Single stage straight venous cannula malleable Sizes 12-40 Fr	Should have kink resistant malleable wire wound taper body with tapered multiport tips

1541	Double-stage venous cannula round and oval shape Sizes 28/36,36/46,32/46, 36/51, 32/40, 36/46 Fr.	<ul style="list-style-type: none"> <li>Should be two-stage cannula with oval body in various sizes. Should be two-stage cannula with round body in various sizes. Should have cannula body with thin walled with depth markings.</li> </ul>
1542	Three stage venous cannula Sizes 29/29/29 Fr 29/46/37 Fr	Should be three stage venous cannula for VacuumAssisted Venous Drainage(VAVD)/Kinetic Assisted Venous Drainage(KAVD)
1543	Multiple Stage Venous cannula Sizes 23 Fr and 29 Fr	Should have polyurethane wire wound body with radiopaque markers and multiple holes at distal end.
1544	Aortic root cannula Sizes 4 Fr-11 Fr	<ul style="list-style-type: none"> <li>Should have radiopaque tips attached to clear PVC bodies. Additional features: aortic root pressure monitoring and left heart venting. Can be used to aspirate air emboli as well administer cardioplegia.</li> </ul>
1545	Aortic root cannula with Vent line Sizes 5 Fr-11 Fr	<ul style="list-style-type: none"> <li>Should have radiopaque tips attached to clear bodies with separate vent line.</li> </ul>
1546	Aortic root cannula pediatric Neonatal Sizes 4 Fr	<ul style="list-style-type: none"> <li>Should be able to aspirate air from Aorta, Should have radiopaque tip and standard 50.5 in length or a shortened 2.5 in.</li> </ul>
1547	Cardioplegia needles: Neonatal, Pediatric and Adult Sizes. 5Fr and 8 Fr	<ul style="list-style-type: none"> <li>Should have stainless steel tip with plastic depth stop, Needle should be attached to Flexible PVC tubing which should include a drape clamp and female luer.</li> </ul>
1548	Silicon Ostial cannula for continuous perfusion Sizes 15 Fr,17Fr and 20 Fr	<ul style="list-style-type: none"> <li>Should have a silicon body with soft bulb shaped tips, should have a female luer connection site.</li> </ul>
1549	Ostial perfusion cannula with basket tip and soft convex tip Sizes 10 Fr, 12 Fr and 14 Fr.	<ul style="list-style-type: none"> <li>Should have flanged, radiopaque basket tips/soft tips attached to malleable stainless steel shafts.</li> </ul>
1550	Minimally invasive Aortic root cannula with length more than 30 cm	<ul style="list-style-type: none"> <li>Should have more than 30 cm long body to allow insertion during MICS</li> </ul>
1551	Minimally invasive retrograde cardioplegia cannula with deflecting tip Sizes 13 and 15 Fr	<ul style="list-style-type: none"> <li>Should have tip deflecting models for sinus placement through thoracotomy should be able to allow minimum 10mm sweep. Should be auto/ manual inflatable.</li> </ul>
1552	Retrograde cardioplegia cannula with Auto inflate Sizes 13 Fr and 15 Fr	<ul style="list-style-type: none"> <li>Should have silicon/ PVC bodies with auto inflatable cuff and pressure monitoring lines; should have multiport tip/ integral stopcock.</li> </ul>
1553	Multiple perfusion set	<ul style="list-style-type: none"> <li>Should have silicon/ PVC bodies with auto inflatable cuff and pressure monitoring lines; should have multiport tip/ integral stopcock.</li> </ul>
1554	Distal perfusion kit	Should be able to perform simultaneous perfusion of Aortic root and upto 3 or more vein grafts.
1555	Left Heart Vent Catheters Sizes 10 Fr,13Fr,15Fr,16Fr,18Fr,20Fr,24Fr	Should be of PVC or silicon, could be used for direct and indirect venting, should have perforated tip, malleable bodies with depth mark. Should have a choice of either PVC or Silicone along with straight body with depth marking. All ventsshould terminate with a vented or non vented ¼ in connector.



1556	Pericardial Sumps Sizes 20 Fr	Should feature a fluted tip, should be encased in a stainless steel spring and should have weight at the end.
1557	Intra-cardiac sump Size 20 Fr	<ul style="list-style-type: none"> <li>Should feature a perforated pool tip to maximize suction and minimize tissue trauma. The tip design should be ideal for atraumatic suction within the heart chambers.</li> </ul>
1558	Suction Tube Sizes 6 Fr,10Fr and 20 Fr	Should have variety of cardiac suction tubes, intracardiac suction tubes & rigid suction tubes.
1559	Micro Suction tubes Sizes 9 Fr	<ul style="list-style-type: none"> <li>Should have a vacuum control port, malleable shaft, should be equipped with a length of tubing and clamp terminating with a ¼ in (0.64cm) connector.</li> </ul>
1560	Macro Rigid suction tubes Sizes 20 Fr	<ul style="list-style-type: none"> <li>Should have tip made up of stainless steel, should have fluted pool tip to maximize suction and minimize tissue trauma, should offer gentle suction.</li> </ul>
1561	PA vent cannula	Should have a soft, pliable tip with female luer end; should have movable depth marker and an introducer needle should be included.
1562	Tourniquet Sets Sizes 12 Fr, 16 Fr and 19 Fr.	Should have color coded tubes with varying lengths for adults and pediatric, should have wire snares included with the tube set.
1563	Vessel cannula with and without valve sizes 2mm,3mm, 4mm	Should have clear and radiopaque bodies. These should terminate with a female luer. Should have tips in various sizes and shapes.
1564	ArteriotomyCannula Sizes 2mm,3mm,4mm,5mm,6mm	<ul style="list-style-type: none"> <li>Should have polyurethane tube with a bulb shaped tip connected to winged female luer.</li> </ul>
1565	Rapid priming set Length 35cm and 40cm	These should facilitate the transfer of fluid during the priming of the circuit. Should have large bore spikes attached to flexible tubing with a clamp. Should terminate with either an open end tube or a male luer.
1566	Rapid Priming"Y" Set Length around 1 m	These should facilitate the transfer of fluid during the priming of the circuit. Should have large bore spikes attached to flexible tubing with a clamp. Should attach to a "Y" adapter with a length of tubing and another clamp.

1567	SPECIFICATION FOR ADULT OXYGENATOR	<ul style="list-style-type: none"> <li>• Priming volume should be less than 300 ml.</li> <li>• Blood flow range should be 0-7lts/min.</li> <li>• Oxygen transfer should be atleast 400ml/min.</li> <li>• Heat exchange efficiency should not be less than 0.50.</li> <li>• Housing material should be of polycarbonate.</li> <li>• Surface area of the fibers should be from 1.8m<sup>2</sup> to 2.4m<sup>2</sup></li> <li>• Heat exchanger should be made of stainless steel and surface area should be approx. 20cm<sup>2</sup></li> <li>• Blood inlet port (from pump) 3/8</li> <li>• Blood outlet port 3/8</li> <li>• Cardioplegia port 1/4</li> <li>• Gas Inlet port 1/4</li> <li>• Gas Outlet port 1/4</li> <li>• Water Ports 1/2</li> </ul> <p>Maximum Pressure Blood inlet 1000 mmHg water Inlet 42 PSI</p> <ul style="list-style-type: none"> <li>• Blood storage capacity of hard shell reservoir should be approx. 4000ml</li> <li>• Minimum operating volume of reservoir should be 200ml.</li> <li>• Hard shell reservoir should have cardiectomy filter and de-foaming part</li> <li>• Hard-shell reservoir should have venous filter with pore size 452mm</li> <li>• The hard-shell reservoir should have Venous blood inlet port 1/2</li> <li>• Blood outlet port (to pump) 3/8</li> <li>• Suction ports (six) 1/4</li> <li>• Water Inlet 42 PSI</li> <li>• Vertical port to CR Filter 1/4</li> <li>• Quick Prime port 1/4</li> <li>• Auxiliary port 1/4-3/8</li> <li>• Sustainable negative pressure should be 15010mmHg</li> </ul>
1568	SPECIFICATION FOR PEDIATRIC OXYGENATOR	<ul style="list-style-type: none"> <li>• Priming volume should be less than 150ml.</li> <li>• Blood flow range should be 0.40-0.01lts/min.</li> <li>• Oxygen transfer should not be less than 250ml/min.</li> <li>• Pressure drop should be least-up to 100mmHg or less.</li> <li>• Heat exchange efficiency should not be less than 0.65.</li> <li>• Housing material should be of polycarbonate.</li> <li>• Surface area of the fibers should be approx 1.0m<sup>2</sup></li> <li>• Heat exchanger should be made of stainless steel and surface area should be approx 1300cm<sup>2</sup></li> <li>• Blood inlet port 3/8</li> <li>• Blood outlet Port 3/8</li> <li>• Cardioplegia port 1/4</li> <li>• Gas Inlet Port 1/4</li> <li>• Gas Outlet port 1/4</li> <li>• Water Port 1/2</li> <li>• Maximum Pressure Blood inlet 1000mmHg, Water Inlet 42 PSI</li> <li>• Blood Storage capacity of hard shell reservoir should be max 3000ml.</li> <li>• Minimum operative volume of hard shell reservoir should be 100ml.</li> <li>• Hard-shell reservoir should have cardiectomy filter and defoaming part.</li> <li>• Hard-shell reservoir should have venous filter with pore size should be 20mm</li> <li>• The hard-shell reservoir should have</li> <li>• Venous blood inlet port 3/8 rotatable</li> <li>• Blood outlet port ( to pump) 3/8</li> <li>• Suction port(six) 1/4</li> <li>• Vertical port to CR filter 3/8</li> <li>• Quick prime port 1/4</li> <li>• Auxiliary port 3/8</li> <li>• Water Inlet 42 PSI</li> </ul>

1569	SPECIFICATION FOR NEONATAL OXYGENATOR	<ul style="list-style-type: none"> <li>• Blood flow range should be 0.1– 2 liters/min.</li> <li>• Priming Volumes should be around 40 ml.</li> <li>• Oxygen transfer should be minimum 100 ml/min.</li> <li>• Pressure drop should be least up to 100mmHg or less.</li> <li>• Heat exchange efficiency should not be less than 0.65.</li> <li>• Housing material should be of polycarbonate.</li> <li>• Surface area of the fibers should be <math>\approx 0.5m^2</math> and material should be micro porous polypropylene.</li> <li>• Heat exchanger should be made of stainless steel and surface area should be approx <math>0.035m^2</math>.</li> <li>• Blood inlet port (from pump) <math>\frac{1}{4}</math> Blood outlet port <math>\frac{1}{4}</math> Luer port (for recirculation or blood cardioplegia) one luer lock on blood outlet</li> <li>Gas inlet port <math>\frac{1}{4}</math></li> <li>Gas outlet port <math>\frac{5}{16}</math> Water ports <math>\frac{1}{2}</math></li> <li>Maximum pressure Blood inlet 1000mmHg</li> <li>• Blood storage capacity of hard shell reservoir should be 1000ml</li> <li>• Minimum operating volume of hard-shell reservoir should be 15ml</li> <li>• Hard-shell reservoir should have cardiectomy filter and defoamer</li> <li>• The hard-shell should have</li> <li>• Venous blood inlet port <math>\frac{1}{4}</math></li> <li>• Blood output port (to pump) <math>\frac{1}{4}</math></li> <li>• Suction port (five) <math>\frac{3}{16}</math></li> <li>• Quick prime port <math>\frac{1}{4}</math></li> <li>• Vent port <math>\frac{1}{4}</math></li> <li>• Auxiliary port <math>\frac{1}{4}</math>-<math>\frac{3}{8}</math></li> <li>Maximum sustainable negative pressure in reservoir -150mmHg</li> <li>Water inlet 2Kgf/cm<sup>2</sup></li> </ul>
1570	SPECIFICATIONS FOR PEDIATRIC ARTERIAL FILTER WITH BYPASS LOOP	The Arterial Filter should be for pediatric use. Priming volume should not be more than 90ml Filter pore size should be 30- 40 micron.The outlet and inlet blood posts should be $\frac{3}{8}$ or $\frac{1}{4}$ ". The filter should allow maximum blood flow rate of 5.0L/min.The filter should be provided with a bypass loop at the inlet and outletport.
1571	SPECIFICATIONS FOR CARDIOPLEGIA HEAT EXCHANGER(BCD)	<p>It should have priming volume less than 50 ml. Blood flow rate should be between 0-600 ml/min Filter screen should be around 100 um. Inlet connection should be <math>\frac{1}{4}</math>and outlet connection should be <math>\frac{3}{16}</math>. Heat exchange surface area should be <math>\approx .20m^2</math> Heat exchange should be of stainless steel corrugated/ convoluted pipes. Bubble trap should be integrated for highly efficient de-bubbling Integrated by pass manifold for easy de-bubbling</p> <p>Exchangeable water in /water out Blood flow path bottom up</p> <p>It should have a Stopcock Prime/ Perfusion for easy priming.</p> <p>It should have tip in the surgeon pack so that it can be connected to cardioplegia cannula.</p> <p>It should be available both in 4:1 and 1:4 configurations.</p>

1572	SPECIFICATION FOR PEDAITRIC HEMOCONCENTRATOR	<p>It should have priming volume approx 35ml.</p> <ul style="list-style-type: none"> <li>• Effective surface area of the Fibers should be approx 0.5m<sup>2</sup></li> <li>• Blood port should be ¼ with Luer locks.</li> <li>• Filtrate port should be ½.</li> <li>• Maximum Trans-membrane Pressure should be 500mm Hg.</li> <li>• It should have tubing lines along with reservoir Bag.</li> </ul>
1573	SPECIFICATION FOR ADULT HEMOCONCENTRATOR	<p>The priming volume should be 70 ml</p> <ul style="list-style-type: none"> <li>• Effective surface area of the fibers should be ≈1m<sup>2</sup></li> <li>• Blood port should be ¼ With Luer locks</li> <li>• Filtrate port should be ½ (1/4 adapter).</li> <li>• Blood flow range should be 100-500ml.</li> <li>• Maximum Trans-membrane pressure should not be more than 500mm Hg.</li> <li>• It should have tubing with reservoir bag.</li> </ul>
1574	SPECIFICATION FOR NEONATAL HEMOCONCENTRATOR	<p>It should have priming volume less than 20 ml.</p> <ul style="list-style-type: none"> <li>• Membrane surface area should be ≈0.2m<sup>2</sup>.</li> <li>• Max Membrane pressure should not be more than 600mm Hg.</li> <li>• Capillary wall thickness should be ≈50um.</li> <li>• It should have inlet/outlet lines, male luer lock connections, filter safety cap, filtrate line and additional filtrate bag (200ml).</li> </ul>
1575	SPECIFICATION FOR CUSTOM TUBING PACK	<ul style="list-style-type: none"> <li>• Custom Tubing Pack Adult. Custom Tubing Pack with arterial filter with PVC tubing medical grade -6 as per AIIMS C.N.Centre design. Filter/Tubing should be CE/USFDA Approved.</li> <li>• Custom Tubing Pack pediatric with PVC tubing medical grade – 6 Filter/Tubing should be CE/US FDA Approved</li> <li>• Custom Tubing Pack with neonatal a medical grade- 6 Filter/Tubing should be CE/USFDA Approved</li> <li>• Custom tubing packs with 3/16 arterial and ¼ venous lines for small neonates. Made from medical grade-6 PVC. Filter/Tubing should be CE/USFDA approved</li> </ul>
1576	EXTRA CORPOREAL MEMBRANE OXYGENATOR (NEONATAL)	<ul style="list-style-type: none"> <li>• ECMO should have a validation for 14 days and should be phthalate free (NO DOP).</li> <li>• Membrane used should be of polymethylpentene fibers.</li> <li>• Priming volume should be 100 ml.</li> <li>• Should have contact surface area ≈0.70 square meters.</li> <li>• Should cater for blood flow from 0.2 to 1.5 L/min.</li> <li>• Heat exchanger surface area should be ≈0.4 square meter.</li> <li>• Heat Exchanger performance factor should be of 0.77 ( 1.5 liter /min).</li> <li>• Oxygenator and tubing should have coating of Phosphorylcholine.</li> <li>• Inlet and outlet connector preferred is 1/4 (6.35 mm).</li> </ul>
1577	EXTRA CORPOREAL MEMBRANE OXYGENATOR (PAEDIATRIC)	<p>ECMO should have a validation for 14 days and should be phthalate free ( NO DOP).</p> <ul style="list-style-type: none"> <li>• Membrane used should be of polymethylpentene fibers.</li> <li>• Should have priming volume 200 ml.</li> <li>• Should have contact surface area of around 1.4 square meters.</li> <li>• Should cater for blood flow from 0.3 to 4 liter /min.</li> <li>• Heat exchanger should have surface area of ≈0.8 square meter.</li> <li>• Heat exchanger performance factor should be of ≈0.6 ( @ 4 liter /min).</li> </ul>

		<ul style="list-style-type: none"> <li>• Oxygenator and tubing should have coating of Phosphorylcholine(PC).</li> <li>• Inlet and outlet connections preferred is 3/8(9.53 mm)</li> </ul>
1578	EXTRA CORPOREAL MEMBRANE OXYGENATOR (ADULT)	<p>ECMO should have a validation for 14 days and should be phthalate free (NO DOP).</p> <ul style="list-style-type: none"> <li>• Membrane used should be of polymethylpentene fibers.</li> <li>• Should have priming volume of ≈250ml.</li> <li>• Should have contact surface area of 1.7-1.9 square meters.</li> <li>• Should cater for blood flow from 0.4 to 7 liters/ min.</li> <li>• Heat exchanger should have surface area of ≈0.8square meter.</li> <li>• Heat exchanger performance factor should be ≈0.6 ( @ 4 liters /min).</li> </ul> <p>Phosphorylcholine.(PC)</p> <ul style="list-style-type: none"> <li>• Inlet and outlet connections preferred is 3/8 (9.53 mm)</li> </ul>
1579	SPECIFICATION FOR ADULT OXYGENATOR (Integrated with arterial filter & heat exchanger)	<p>Oxygenator should have integrated arterial filter with cardiectomy/ venous reservoir. • Should have integrated arterial filter with self venting technology. • Heat exchanger surface area should be no more than 0.2m<sup>2</sup> . • Venous filter should be 50micro meter. • Priming volume should not be more than 300ml. • Blood flow range should be 0.5 to 7 LPM. • Heat exchange efficiency should not be less than 0.50 at max flow. • pressure drop should be minimum, up to 110 mmHg or less. • Arterial filter should be 35micron meter. • Membrane surface area should be 2-2.5 m<sup>2</sup> .</p>
1580	SPECIFICATION FOR SMALL ADULT OXYGENATOR (Integrated Filter and Heat Exchanger)	<p>Oxygenator should have integrated arterial filter with cardiectomy/venous reservoir.</p> <ul style="list-style-type: none"> <li>• Should have integrated arterial filter with self venting technology.</li> <li>• Heat exchanger surface area should be no more than 0.14m<sup>2</sup> .</li> <li>• Venous filter should be 50micro meter.</li> <li>• Priming volume should not be more than 150ml</li> <li>• Blood flow range should be 0.5 to 5 LPM.</li> <li>• Heat exchange efficiency should not be less than 0.5 max flow @ 5 LPM</li> <li>• Pressure drop should be minimum up to 110 mmHg or less.</li> <li>• Arterial filter should be 35micro meter.</li> </ul>
1581	SPECIFICATION FOR PAEDIATRIC INFANT OXYGENATOR(Integrated Filter and Heat Exchanger)	<ul style="list-style-type: none"> <li>• Oxygenator should have integrated arterial filter with cardiectomy/ venous reservoir.</li> <li>• Should have integrated arterial filter with self venting technology.</li> <li>• Heat exchanger surface area should be no more than 0.035m<sup>2</sup></li> <li>• Venous filter should be 50micro meter.</li> <li>• Priming volume should not be more than 45ml.</li> <li>• Blood flow range should be 0-1.5Ltrs/min.</li> </ul> <p>Heat exchange efficiency should not be less than 0.6 at max flow. Pressure drop should be minimum up to 100mmHg or less @ 1.5 LPM</p>

		Arterial filter should be 35 micro meter.
1582	Arterial Perfusion Cannulae Adult.	Non-wire reinforced beveled tip Size 18Fr, 20Fr, 22Fr and 24 Fr. Overall length should be approx. 15cm with suture bump.
1583	Arterial Perfusion Cannulae Pediatric	Sizes: 8Fr, 10Fr, 12Fr, 14Fr and 16Fr. Non wire reinforced bevel tip. Overall length 18cm with suture bump.
1584	Venous Cannulae Single Stage. (neonate)	Thin Flexible wire reinforced straight open light house tip. Overall length approx. 28cm with ¼ acceptance size 12Fr, 14Fr and 16Fr
1585	Venous Cannulae Single Stage (pediatric)	Thin Flexible wire reinforced straight open light house tip. Overall length approx. 35cm with ¼ and 3/8 acceptance Size 18Fr, 20Fr, 22Fr and 24Fr.
1586	Venous Cannulae Single Stage (small adult)	Thin flexible wire reinforced straight open lighthouse tip. Overall length 35cm with 3/8 acceptance Size 26Fr and 28Fr.
1587	Venous Cannulae Single Stage (adult)	Thin Flexible wire reinforced straight open lighthouse tip. Overall length should be approx. 40cm with 3/8 acceptance Size 30Fr, 32Fr, 34Fr, 36Fr, 38Fr and 40Fr.
1588	Venous Cannulae Right Angled	Wire reinforced 90° angled plastic tip 10Fr, overall length approx. 28cm and ¼ acceptance.
1589	Venous Cannulae Right Angled	Wire reinforced 90° angled plastic tip 12Fr, 14Fr and 16Fr. Overall length should be approx. 33cm with ¼ & 3/8 acceptance
1590	Venous Cannulae Right Angled	Wire reinforced 90° angled plastic tip 18Fr and 20Fr. Overall length should be approx. 35cm with 3/8 acceptance
1591	Venous Cannulae Right Angled	Wire reinforced 90° angled plastic tip 22Fr, 24Fr and 28Fr. Overall length should be approx. 38cm with 3/8 acceptance.
1592	Retrograde Cannula catheter	Self-inflating smooth balloon with preshaped stylet and handle 14Fr. Overall length should be approx. 27cm & should have 18-20 mm sized smooth balloon.
1593	Aortic Perfusion Cannulae;	Wire reinforced dispersion tip Sizes: 21Fr and 24Fr overall length approx. 35cm and vent.
1594	Dual Stage Venous Cannulae;	Wire reinforced 32/40Fr and 36/51Fr. Overall length should be approx. 40cm and ½ acceptance.
1595	Femoral Arterial Cannulae;	Wire reinforced overall length should be 19.5.2 cm with ¼ vented connector sizes: 8Fr, 10Fr, 12Fr and 14Fr.
1596	Femoral Arterial Cannulae;	Wire reinforced overall length should be approx. 24cm with 3/8 vented connector sizes: 16Fr, 18Fr and 20Fr.
1597	Femoral Venous Cannulae;	Wire reinforced overall length should be approx. 24cm with ¼ non vented connector. Sizes 8Fr, 10Fr, 12Fr and 14Fr.

1598	Venous Femoral Cannulae;	Wire reinforced overall length should be 752 cm with 3/8 non vented connector sizes 18Fr, 20Fr, 22Fr, 24Fr and 28Fr.
1599	Antegrade Cardioplegia Cannulae	12/14/16 Fr. with vent and without vent.
1600	Cardiotomy Venous Reservoir Adult, Paediatric, Neonatal	
1601	Disposable connector all sizes; Y, Straight with and without leur lock	
1602	Disposable Single Tubing all sizes (1/2, 3/8, 1/4, 3/16)	
1603	Wire enforced Arterial Cannula (6 Fr to 20 Fr)	
1604	Pruitt (Distal Limb arterial perfusion cannula)	
1605	Long, Flexible, wire-enforced cannula for ascending aortic & arch cannulation with obturator	
1606	Long Flexible, wire-enforced cannula for ascending aorta & arch cannulation with guide wire.	
1607	Long Flexible wire enforced cannula for ascending aorta and arch cannula angled With side holes.	
1608	Balloon tip antegrade cerebral perfusion cannula.	
1609	Complete Bovine Aortic Pericardial Valve	<p>Should be bio engineered, computer optimized to ensure uniform thickness of leaflets and have tissue deflection test to ensure uniform flexibility in all three leaflets. . Long term clinical data should be available, establishing more than at least 15 years expected durability in clinical study, long term follow up data on hemodynamic performance establishing consistency in low gradients. Should have standard low- pressure fixation &amp; adequate treatment of tissues to preserve natural leaflet dimensionality &amp; flexibility, while extracting phospholipids.</p> <p>Should have more than 20 yrs. Experience globally. Scalloped sewing ring for Aortic annulus conformity is preferable.</p> <ul style="list-style-type: none"> <li>• Aortic Sizes 19/21/23/25/27</li> <li>• Should be FDA APPROVE D</li> </ul>

1610	COMPLETE BOVINE MITRAL PERICARDIAL VALVE	<ul style="list-style-type: none"> <li>• Bio- engineered: Computer optimized to ensure uniform thickness, with Tissue deflection tests to ensure uniform flexibility in all three leaflets, unique design mounting feature such as flexible stent&amp; optimal tissue stent compatibility for greater reliability. Long term clinical data available, establishing more than &amp; consistency in hemodynamic performance. Low-pressure fixation &amp; chemical treatment of tissue to preserve natural leaflet dimensionality &amp; flexibility, while extracting maximum phospholipids. Should have more than 20 yrs experience globally. Should have convenient deployment and LVOT markers for ease of Implantation at Mitral position.</li> <li>• MITRAL SIZE 25/27/29/31/33</li> <li>• Should be FDA APPROVED</li> </ul>
1611	COMPLETE BOVINE MITRAL SUPRA ANNULAR PERICARDIAL TISSUE VALVE.	<ul style="list-style-type: none"> <li>• Bio mechanically engineered tissue valve with three leaflets of identical thickness, and identical Flexibility. Should be a True supra annular valvewith a saddle shaped sewing ring with posterior flexibility &amp; anterior rigidity for optimal conformity at Mitral position, Should have LVOTO markers for correct orientation, preventing any LVOT obstruction, with convenient deployment system to prevent suture looping and ease of deployment.</li> <li>• Low profile tissue valve with asymmetrical sewing ring should preserve sub valvular apparatus and prevent LV impingement. Should have Tissue treatment to irreversibly extract both calcium binding sites Phospholipids, residual glutraldehyde, should have a flexible stent &amp; optimal tissue stent compatibility for greater reliability. Clinical data to be available establishing long term durability and consistency in hemodynamic performance.</li> <li>• Sizes: 25 to 33mm</li> <li>• Should be FDA APPROVED</li> </ul>
1612	COMPLETE BOVINE AORTIC SUPRA ANNULAR PERICARDIAL TISSUE VALVE	<ul style="list-style-type: none"> <li>• Bio-mechanically engineered tissue valve with three Leaflets of identical thickness and identical flexibility. Should be a true supra annular valve. Scallop shaped sewing ring for aortic position. Should be Low profile tissue valve. Should have Tissue treatment to irreversibly extract both calcium binding sites phospholipid, and residual glutraldehyde, should have Flexible and Durable Stent. Short term and long term clinical data should be available, establishing Durability &amp; consistency in hemodynamic performance. Should have a sizer (barrel and replica end) for optimum sizing and placement.</li> <li>• Size 19 to 29mm</li> <li>• Should be FDA approved</li> </ul>
1613	COMPLETE BOVINE PERICARDIAL LOW PROFILE AORTIC TISSUE Valve.	<ul style="list-style-type: none"> <li>• Bio-Mechanically engineered tissue valve with three leaflets of identical thickness, and Identical Flexibility. • Should be a true supra annular valve. • Should have a Scallop shaped sewing ring consistent with Aortic annulus. • Should have tissue treatment to Irreversibly extract both calcium binding sites phospholipid residual glutraldehyde, • Should have a flexible stent &amp; optimal tissue stent compatibility for greater reliability. • Short and long term clinical data should be available, establishing Durability &amp; consistency in hemodynamic performance. • Should have Low profile height for optimizing Coronary Ostial&amp;sino- tubular junction clearance. Should have Three Mid commissure markers for correct orientation of the</li> </ul>



		valve. • Should have a slick stent post & stent base allowing ease of implantation in small aortic root. • SIZES: 19/29mm • Should be FDA APPROVED
1614	Tricuspid Repair Ring	<ul style="list-style-type: none"> <li>• Sterile double packed tricuspid rigid ring with an anterior gap with polyester or PTFE cloth with marking for commissures.</li> <li>• Should have an oval shape and opening for AV node.</li> <li>• Sizes 26mm 28mm 30mm 32mm.</li> </ul>
1615	Mitral Repair Ring	<ul style="list-style-type: none"> <li>• Sterile double packed rigid ring complete or with anterior gap with polyester or PTFE cloth with marking for commissures.</li> <li>• Kidney shaped for mitral position.</li> <li>• Cover sizes 26mm, 28mm, 30mm, 32mm, and 34mm</li> </ul>
1616	IMR annuloplasty ring:	<ul style="list-style-type: none"> <li>• Should have a complete rigid ring.</li> <li>• To be constructed of a strong, durable alloy.</li> <li>• Should have a increased sewing margin in the P2-P3 region,</li> <li>• Should be marked with suture and designed to accommodate a double suture row.</li> <li>• Should have a Dipped P3 region to accommodate higher stresses from downward LV displacement.</li> <li>• Should have a convenient holder/handle to increase ease of use &amp; operative efficiency</li> <li>• Sizes 24,26,38,30,32mm</li> <li>• Should be FDA APPROVED</li> </ul>
1617	3-D Tricuspid Annuloplasty Ring:	<ul style="list-style-type: none"> <li>• Should be a rigid annuloplasty ring with three-dimensional shape and with an incomplete ring shape to avoid the sensitive conduction system.</li> <li>• Should have a downward angle in septal region to help reduce the stress on sutures and the risk of ring dehiscence.</li> <li>• Sizes 26, 28, 30,32,34mm.</li> <li>• Should be FDA approved.</li> </ul>
1618	ARTIFICIAL MECHANICAL HEART VALVE BILEAFLET MITRAL	<ul style="list-style-type: none"> <li>• Rotatable design, leaflets made up of pyrolytic carbon / standard durable alloy and polyester sewing cuff.</li> <li>• Should have low profile height.</li> <li>• Should have minimum vertical leaflet exposure to result in NO LVOT obstruction</li> <li>• Should have greater posterior wall clearance</li> <li>• Wide range of sizes from 23/24mm – 34/37mm</li> <li>• Should have both CE and FDA approval</li> </ul>
1619	ARTIFICIAL MECHANICAL HEART VALVE BILEAFLET MITRAL (for supra-annular implant)	<ul style="list-style-type: none"> <li>• Rotatable design, leaflets made up of pyrolytic carbon / standard durable alloy and polyester sewing cuff.</li> <li>• Should have low profile height</li> <li>• Should have minimum vertical leaflet exposure to result in NO LVOT obstruction</li> <li>• Should have greater posterior wall clearance</li> </ul>

		<ul style="list-style-type: none"> <li>• Wide range of sizes from 24 mm – 34 mm</li> <li>• Should have both CE and FDA approval</li> </ul>
1620	ARTIFICIAL HEART VALVE BILEAFLET AORTIC	<ul style="list-style-type: none"> <li>• Rotatable design, leaflet made up of pyrolytic carbon and polyester sewing cuff, with pivot guard design.</li> <li>• Should have low profile height</li> <li>• Should have minimum vertical leaflet exposure.</li> <li>• Wide range of sizes from 19mm-31mm.</li> <li>• Should have both CE and FDA approval</li> </ul>
1621	BI LEAFLET MECHANICAL HEART VALVE	<ul style="list-style-type: none"> <li>• Aortic Sizes 16mm,18mm,20mm,22mm,24mm,26mm</li> <li>• Mitral sizes 19mm, 21mm,22mm,23mm,24mm, 25mm, 26mm, 27mm,28mm,29mm,31mm,33mm</li> <li>• Should have Open Pivot Bi-leaflet mechanical Heart valve with 75 - 90 degrees opening angle, should be in single place, solid carbon orifice design with strengthening band. Should have no recess or cavities in the hinge area.</li> </ul> <p>Valves should be available in all the sizes as mentioned above. Should be rotatable and should be FDA approved</p>
1622	ARTIFICIAL HEART VALVE BILEAFLET AORTIC for Supra-annular implant	<p>Rotatable design, leaflet made up of pyrolytic carbon and polyester sewing cuff, with pivot guard design. Should have low profile height. Should have minimum vertical leaflet exposure. Wide range of sizes from 16 mm- 28mm Should have both CE and FDA approval</p>
1623	ARTIFICIAL HEART VALVE BILEAFLETAORTIC (for Supra-annular intra- annular implant)	<p>Rotatable design, leaflet made up of pyrolytic carbon and polyester sewing cuff, with pivot guard design. Should have low profile height. Should have minimum vertical leaflet exposure. Wide range of sizes from 17mm- 25mm. Should have both CE and FDA approval</p>
1624	BILEAFLET AORTIC VALVE WITH CONDUIT	<ul style="list-style-type: none"> <li>• Should have double velour woven graft.</li> <li>• Should be collagen impregnated to control hemostasis and reduce the hemorrhagic complications.</li> <li>• Should have mechanical heart valve with low-pressure gradients. With pivot guard design and leaflet opening and &gt;75 degrees.</li> <li>• Cuff design should enhance implantability.</li> <li>• Should have minimum taper conduit to facilitate strong coronary anastomosis.</li> <li>• Should not have any pleats to allow easier positioning and attachment of the coronary arteries.</li> <li>• Wide range of sizes from 19mm - 33mm.</li> <li>• Should have both CE and FDA approval.</li> </ul>
1625	PORCINE TISSUE HEART VALVE MITRAL / AORTIC	<ul style="list-style-type: none"> <li>• Should have stented, triple composite design with separate porcine leaflets to optimize leaflets coaptation and reduce stress.</li> <li>• Should have anti-calcification treatment to reduce calcification.</li> <li>• Low profile height.</li> <li>• In aortic position should be available in sizes 19mm-31mm.</li> <li>• In mitral position should be available in sizes 25mm to 33mm.</li> <li>• Should have both CE and FDA approval.</li> </ul>

1626	PERICARDIAL EXTERNALLY MOUNTED TISSUE HEART VALVE(AORTIC)	<ul style="list-style-type: none"> <li>• Should have stented, pericardial single layered leaflet externally mounted to optimize hemodynamics. Should have tissue to tissue interface adding to durability.</li> <li>• Should have anti calcification treatment to reduce calcification.</li> <li>• Supra annular design.</li> <li>• In aortic position should be available in sizes 19mm-29mm.</li> <li>• Should have both CE and FDA approval.</li> </ul>
1627	ANNULOPLASTY RINGS MITRAL	<ul style="list-style-type: none"> <li>• Titanium alloy core with polyester woven cloth.</li> <li>• 3 D motion.</li> <li>• Should have both CE and FDA approval.</li> <li>• Wide range of sizes 24mm- 34mm</li> </ul>
1628	ANNULOPLASTY RING FLEXIBLE	<ul style="list-style-type: none"> <li>• Fully flexible ring/band.</li> <li>• Should have X-ray visibility.</li> <li>• Should have both CE and FDA approval.</li> <li>• Wide range of sizes - 25mm-35mm</li> </ul>
1629	Rigid remodeling ring for mitral valve repair	<ul style="list-style-type: none"> <li>• Size 24mm,26mm,28mm,30mm,32mm,34mm,38mm,40mm</li> <li>• Should be fully rigid remodeling ring.</li> <li>• Should have physiologic mitral valve shape.</li> <li>• 25% annular height to commissural width ratio anterior, 15% annular height to commissural width ratio posterior.</li> <li>• Should have saddle shape and polyester knit covering with Titanium/silicone core</li> </ul>
1630	Annuloplasty ring for tricuspid valve repair	<ul style="list-style-type: none"> <li>• Low profile Ring,</li> <li>• Sizes 26mm,28mm,32mm,34mm,36mm</li> <li>• Should be incomplete ring to avoid interference in conduction system, height should be less than 3.5mm.</li> <li>• with polyester fabric.</li> <li>• Septal lateral compression.</li> </ul>
1631	Composite Annuloplasty ring for Mitral repair	<ul style="list-style-type: none"> <li>• Sizes 24mm,26mm,28mm,30mm,32mm,34mm,36mm,38mm</li> <li>• Should have semi rigid posterior remodeling with anterior flexibility,</li> <li>• should have polyester knit covering with MP-35N/ silicone core</li> </ul>
1632	Full Aortic Root Bioprosthetic Stentless Valve	<p>Sizes: 19 mm, 21mm, 23 mm, 25 mm, 27 mm</p> <ul style="list-style-type: none"> <li>• Should be third generation stentless Native asymmetrical Porcine aortic root,</li> <li>• Should have more than 12 years durability and hemodynamic clinical data,</li> <li>• Should have AOA tissue treatment to mitigate calcification &amp; Physiological fixation to preserve leaflet function which facilitates open leaflet in systolic position</li> </ul>
1633	Bio prosthesis Stented Porcine Aortic with thin sewing ring	<p>Aortic Sizes:19mm,21mm,23mm,25mm,27mm,29mm</p> <p>valve,</p> <ul style="list-style-type: none"> <li>• Should have more than fifteen years durability clinical data,</li> <li>• Should have AOA tissue treatment to mitigate calcification &amp; Physiological fixation to preserve leaflet function which facilitates open leaflet in systolic position,</li> <li>• Should have Flexible ac etyl homopolymer stent,</li> </ul>

		<ul style="list-style-type: none"> <li>• should have unique implant facilitating system for conduction of minimally invasive surgeries with automated deflection of stent posts</li> </ul>
1634	Composite Annuloplasty Band for Mitral repair	<p>Sizes:24mm,26mm,28mm, 30mm,32mm, 34mm,36mm,38mm</p> <ul style="list-style-type: none"> <li>• Should have Semi-rigid posterior remodeling,</li> <li>• Should not have any anterior part</li> <li>• Should cover trigones</li> <li>• Should have Polyester knit covering with MP-35N/silicone core,</li> <li>• should have trigone islets for anchoring at Trigones</li> </ul>
1635	Flexible Annuloplasty ring for Mitral and Tricuspid repair	<p>Sizes:23mm,25mm,27mm, 29mm,31mm, 33 mm,35mm</p> <ul style="list-style-type: none"> <li>• Should have Low profile system,</li> <li>• Should have Chordal guide feature to facilitate chordal repair</li> <li>• Should have flexible shape to freely allow mitral and tricuspid annular motion</li> </ul>
1636	Flexible Annuloplasty band for Mitral and Tricuspid repair	<p>Sizes:23mm,25mm,27mm, 29mm,31mm, 33 mm,35mm</p> <ul style="list-style-type: none"> <li>• Should have Low profile system,</li> <li>• Should have Chordal guide feature to facilitate chordal repair,</li> <li>• Should have flexible shape to freely allow mitral and tricuspid annular motion,</li> <li>• Band length should extend beyond Trigone</li> </ul>
1637	OPEN PIVOT BI LEAFLET MECHANICAL HEART VALVE WITH FLEXI CUFF	<ul style="list-style-type: none"> <li>• Aortic Sizes 16mm,18mm,20mm,22mm,24mm,26mm</li> <li>• Mitral sizes Should have wide range of sizes</li> <li>• Should have Open Pivot Bi-leaflet mechanical Heart valve with &gt;80degrees opening angle,</li> </ul> <p>Should be in single place, solid carbon orifice design with strengthening band. Should have no recess or cavities in the hinge area. Should have flexible cuff to fit easily in asymmetric annulus. Should be supra annular design for both aortic and mitral positions. Should be rotatable and should be FDA approved</p>
1638	COMPOSITE BILEAFLET AORTIC VALVE WITH DACRON GRAFT CONDUIT	<p>Should have rotatable, bileaflet, Should have no recess or cavities in the hinge area Should have woven, double velour graft. Graft should be collagen impregnated. Should have expanded cuff for easy suturing. Should be available in wide range of sizes.</p>
1639	MONOLEAFLET MECHANICAL HEART VALVE	<p>Mitral sizes 21-33 mm, Aortic 17-31 mm</p> <p>Should have smooth movement monoleaflet configuration with minimum 70 degrees opening angle. Should be easily implantable and rotatable. Should preferably be premounted on a handle. Sewing ring should be low profile; leaflet and housing should be made of strong , durable alloy.</p>
1640	Dacron straight woven Grafts	6mm to 16 mm, 30-35 cm long, Collagen coated.
1641	Dacron straight woven Grafts	18mm to 28 mm, 30-35 cm long,Collagen coated.
1642	Dacron straight woven Grafts	30mm to 38 mm, 30-35 cm long,Collagen coated.

1643	Dacron straight woven Grafts	6mm to 16 mm, 60-70 cm long,Collagen coated.
1644	Dacron straight woven Grafts .	18mm to 28 mm, 60-70 cm long,Collagen coated
1645	Dacron straight woven Grafts.	30mm to 38 mm, 60 cm-70 long,Collagen coated
1646	Dacron bifurcated woven grafts	12mmX6 mm, 14mmX7mm, 16mmX8mm,. 18mm X9mm with 40-50. cmslength,Collagen coated.
1647	Knitted Dacron straight graft	6mm to 16 mm with 30-35 cm length,CollagenCoated
1648	Knitted Dacron straight graft	18mm to 24 mm with 30-35 cm length,Collagen Coated
1649	Knitted Dacron straight graft coated.	6mm to 16 mm with 60-70 cm length,Collagen Coated
1650	Knitted Dacron straight graft	18mm to 24 mm with 60-70 cm length,Collagen Coated
1651	Dacron bifurcated knitted grafts	12mmX6 mm, 14mmX7mm, 16mmX 8mm,. 18mm X 9mm with 40-50 cms
1652	Dacron Woven 3 branch arch grafts	20mm to 34 mm,Collagen coated.
1653	Dacron Woven 4 branch arch grafts	20mm to 34 mm,Collagen coated.
1654	Dacron Woven Thoraco-abdominal grafts	20mm to 30mm, Collagen coated.
1655	Dacron Woven graft 20 to 34mm with 8mm and 10 mm perfusion side branch, 40-50 cm length, Collagen coated.	
1656	Dacron Woven extra length graft with offset branch graft 22 to 32 mm with 8mm perfusion side branch, Collagen coated.	
1657	Dacron Woven pre-curved graft 22 mm to 32 mm with 8mm perfusion side branch, Collagen coated.	
1658	Woven Trifurcate 12mm X 6mm X 7mm, 14 mm X7mm X 7mm, 16mm X 8mm X 7mm, 40-50 cm in length,Collagen coated	
1659	Dacron Knitted axillo-bifemoral bifurcated graft with extended support,Collagen coated.	
1660	Dacron Knitted Axillo-bifemoral graft 90 degrees angle with 60 cm side branch 8mm and 10 mm,Collagen coated.	
1661	Dacron Knitted Femoral-Femoral grafts 6mm and 8 mm 30cm and 40 cm long,Collagen coated	
1662	Dacron Knitted straight Peel able support 6mm, 8mm and 10 mm, Collagen coated.	

1663	Dacron straight woven Grafts 6mm to 16 mm, 30-35 cm long , Gelatin coated.	
1664	Dacron straight woven Grafts 18mm to 28 mm, 30-35 cm long, Gelatin coated.	
1665	Dacron straight woven Grafts 30mm to 38 mm, 30-35 cm long, Gelatin coated.	
1666	Dacron straight woven Grafts 6mm to 16 mm, 60-70 cm long, Gelatin coated.	
1667	Dacron straight woven Grafts 18mm to 28 mm, 60-70 cm long, Gelatin coated.	
1668	Dacron straight woven Grafts 30mm to 38 mm, 60 cm-70 long, Gelatin coated.	
1669	Knitted Dacron straight graft 6mm to 16 mm with 30-35 cm length, Gelatin coated.	
1670	Knitted Dacron straight graft 18mm to 24 mm with 30-35 cm length, Gelatin coated.	
1671	Knitted Dacron straight graft 6mm to 16 mm with 60-70 cm length, Gelatin coated.	
1672	Knitted Dacron straight graft 18mm to 24 mm with 60-70 cm length, Gelatin coated.	
1673	Dacron bifurcated knitted grafts 12mmX6 mm, 14mm X 7mm, 16mmX 8mm,.18mm X 9mm with 40-50 cms length, Gelatin coated.	
1674	Dacron Woven 3 branch arch grafts 20mm to 34 mm, Gelatin coated.	
1675	Dacron Woven 4 branch arch grafts 20mm to 34 mm, Gelatin coated.	
1676	Dacron Woven Thoracoabdominal grafts 20mm to 30mm, Gelatin coated.	
1677	Dacron Woven graft 20 to 34mm with 8mm and 10 mm perfusion side branch, 40-50 cm length, Gelatin coated.	

1678	Dacron Woven extra length graft with offset branch graft 22 to 32 mm with 8mm perfusion side branch, Gelatin coated.	
1679	Dacron Woven pre-curved graft 22 mm to 32 mm with 8mm perfusion side branch, Gelatin coated.	
1680	Woven Trifurcate 12mm X 6mm X 7mm, 14 mm X7mm X 7mm, 16mm X 8mm X 7mm, 40-50 cm in length, Gelatin coated.	
1681	Dacron Knitted axillo-bifemoral bifurcated graft with extended support, Gelatin coated.	
1682	Dacron Knitted Axillo-bifemoral graft 90 degrees angle with 60 cm side branch 8mm and 10 mm, Gelatin coated	
1683	DACRON MARKING PATCH (Filamentous Fabric)	<ul style="list-style-type: none"> <li>• Should be Nominal Thickness; around 0.6 mm</li> <li>• Water permeability; approximately 1800ml</li> <li>• Popularly known as "MARKING PATCH"</li> <li>• Markings arrow should indicate, in which direction the patch is to be stitched.</li> <li>• Sizes 2" x 2", 4 x4" and 6x6 ' inches</li> </ul>
1684	Double Velour Fabric	<ul style="list-style-type: none"> <li>• Should have Nominal Thickness; 1.4 -1.6mm.</li> <li>• With Water permeability of approximately 3800 ml.</li> <li>• Should have No Reference markings.</li> <li>• Used for Repair of Intracardiac defects and for VSD repair in Adults.</li> <li>• SIZES: - 4"x4" &amp; 6"x6"</li> </ul>
1685	Outflow Tract Fabric	<ul style="list-style-type: none"> <li>• PTFE.</li> <li>• Permeability: 250ml.</li> <li>• Intracardiac Defects.</li> <li>• SIZES: - 4X4 &amp; 6"x6"</li> </ul>
1686	Thin Wall Patch of PTFE	<ul style="list-style-type: none"> <li>• Should have multidirectional node fiber structure, to accommodate cellular in growth &amp; give uniform strength throughout the patch Surface.</li> <li>• Should be soft &amp; pliable for easy surgical positioning.</li> <li>• No Pre clotting should be required.</li> <li>• Should have excellent biocompatibility for cardiac&amp; vascular repairs and peripheral vascular reconstruction.</li> <li>• repair</li> <li>• SIZES:- 1CMX9CM,2X9CM &amp; 3CMX6CM (OVAL SHAPED)</li> </ul>

1687	Regular Wall Patch of PTFE	<ul style="list-style-type: none"> <li>• Should have multidirectional node fiber structure to accommodate cellular in-growth.</li> <li>• Should be soft &amp; pliable for easy surgical positioning.</li> <li>• No Pre clotting should be required.</li> <li>• Should have excellent biocompatibility for cardiac&amp; vascular repairs and peripheral vascular reconstruction.</li> <li>• Thickness – 0.6mm</li> <li>• SIZES:- 3CM X 3CM,5CMX7.5CM,2.5CMX15CM &amp; 10CMX15CM(RECTANGULAR)</li> </ul>
1688	Low Porosity FELTS of PTFE	<ul style="list-style-type: none"> <li>• Should have Thickness 1.5 to 1.8mm.</li> <li>• Should have Low Porosity to control bleeding and for buttress for sutures.</li> <li>• SIZES:- 2" X 2", 4"X4' &amp; 6"X6'</li> </ul>
1689	PTFE Normal felt;	<ul style="list-style-type: none"> <li>• Should have Thickness 1.5 to 1.8mm.</li> <li>• To be used as a buttress for sutures and Friable tissue</li> <li>• SIZES:- 2"x2 ,4"x4 &amp; 6"x6</li> </ul>
1690	PTFE Hard (Thick) FELTS	<ul style="list-style-type: none"> <li>• Should have Thickness around 3 mm to provide added support to tissue.</li> <li>• SIZES:- 4"X4" &amp; 6"X6"</li> </ul>
1691	PTFE FELTS PLEDGETS	<ul style="list-style-type: none"> <li>• Shape:-Rectangle, Square Oval &amp;Round. Should have Thickness around 1.6mm</li> <li>• Sizes:- 4.8mm x 6.0mm (Rectangle), 9.5mmx4.8mm (Rectangle), 6.0x6.0mm (Square) &amp; 4.8mm x 6.0mm (Oval)</li> </ul>
1692	Regular & Thin wall e-PTFE graft all sizes and length	
1693	Regular & Small Beadings (Rings) PTFE graft all sizes and length.	
1694	BT Shunt PTFEgrafts all sizes and length	
1695	Large Diameters e PTFE Grafts all sizes and length	
1696	e-PTFE Stretch Large Diameter Reinforced Aortic Vascular Graft of all diameters and length	
1697	e-PTFE Cardiovascular Patch	<ul style="list-style-type: none"> <li>• Sizes:- 5cm x 15cm x 0.6mm x10cm x 15cm x 0.6mm, 3cmx 6cm x 0.4mm</li> </ul>
1698	e-PTFE Pericardial Membrane 0.1mm thick	<ul style="list-style-type: none"> <li>• Sizes:- 5cm x 15cm x 0.6mm x10cm x 15cm x 0.6mm, 3cmx 6cm x 0.4mm</li> </ul>
1699	e-PTFE Pericardial Membrane 0.1mm thick	<ul style="list-style-type: none"> <li>• Size 6cm x 12cm/12cmx12cm/15cm x 20cm</li> </ul>
1700	e-PTFE Stretch Reinforced Thin Wall Heparin Bonded Vascular Graft	10cms length Size: 3mm/3.5mm/4mm/5mm/6mm diameter
1701	e PTFE Stretch Reinforced Thin wall Non Ringed Heparin Bonded Vascular Graft	40/80cms length Size: 6/7/8/mm diameter
1702	e- PTFE Stretch Reinforced Removable Ringed Thin Wall Heparin Bonded Vascular Graft	50/70/80cm length size: 6/7/8mm diameter



1703	e-PTFE Stretch Reinforced Thin Wall limbed Bifurcated Vascular Graft Size : 12/6x50cm	14/7x40cm/50cm; 16/8x50cm; 18/9x50cm; 20/10x50cm; 22/12x40cm; 24/12x40cm
1704	e PTFE Suture	Size CVO/CV2/CV3/CV4/CV5/CV6/CV7/CV8
1705	e-PTFE Stretch re-in forced removable ringed thin wall pre configured axillo bi femoral vascular graft.	Size: i) 8mm diameter x 70cm/40cm length ii) 8mm diameter x 90cm/40cm length
1706	e PTFE stretch re- in forced low profile integrated radially supported thin wall vascular graft	Size 6mm/7mm/8mm diameter 40cm/60cm/80cm length
1707	e PTFE stretch re-in forced removable ringed thin wall vascular graft	Size: 6mm/8mm diameter x 50cm/70cm/80cm length
1708	Ascending aortic reconstruction graft	<ul style="list-style-type: none"> <li>• One piece design collagen coated VALSALVA graft for repair or reconstruction of the ascending aorta.</li> <li>• Should mimic the anatomy and blood flow dynamics of the natural sinuses of Valsalva</li> <li>• Unique un-crimped section that does not stretch should allow easy sewing of valve remnants or prosthetic valve</li> <li>• Should facilitate estimation of the length required for optimal placement of valve remnants or prosthetic valve to ensure optimal clinical outcomes.</li> <li>• Should have the ability to be precisely trimmed and shaped in case of remodeling technique procedures.</li> <li>• At least 3 References line should act as a guide for prosthetic valve.</li> <li>• Coated polyester fabric Cross linked Type I bovine collagen</li> <li>• Water permeability &lt; 5m * cm <sup>-2</sup> min<sup>-1</sup> @ 120mmHg</li> </ul>
1709	I.V. Set with flow controller (DEHP Free)	<ul style="list-style-type: none"> <li>• Specially designed I.V. set for controlling the flow rate of fluid made of medical grade DEHP free polymer nonreactive to water-soluble materials.</li> <li>• Gravity drive infusion set with wide dial, which operates as thumb wheel like roller clamp.</li> <li>• Security door to prevent the accidental change of flow rate.</li> <li>• Low cost disposable set.</li> <li>• Sterile, individually packed in blister pack</li> </ul>
1710	Snugger Set	All sizes: Three pairs of smooth snuggers with Yellow, Blue & Pink colors for vessel identification. Each snare set consists of thumb holder handle for easy maneuverability. Specially designed for putting purse string sutures, made of medical grade PVC. Sizes Adult & Pediatric.
1711	Disposable Suction Tube & Tip	Medical grade PVC molded handles with kink resistant tube for per operative suctioning. Tip of Handle should be crown/ standard shape. Vent port to be provided in handle which should be closed with tight sleeve. Soft flexible adaptors at both end of the tube for connection with secure fitment between suction source & handle. Tube Length 2500mm, OD: 9 mm, ID: 6 mm. Sterile packed in poly pouch pack.

1712	Thoracic catheter	All Sizes: Extra soft thoracic drainage catheter, made of DEHP free medical grade polymer, gentle to body tissues & most suitable for thoracic drainage. Catheters are marked at every 2cm from the last eye. Sterile, double (straight) packed in peel able pouch pack. Sizes required: Sizes: 16, 20, 24, 28, 32, 36, 40 FG
1713	Thoracic catheter Right Angled (90o)	All Sizes: Extra softangledthoracic drainage catheter, made of DEHP free medical grade polymer, gentle to body tissues & most suitable for thoracic drainage. Catheters are marked at every 2cm from the last eye. Sterile, double packed in peelable pouch pack. Sizes: 16, 20, 24, 28, 32, 36, 40 FG
1714	Thoracic catheter with trocar – All Sizes	Thoracic drainage catheter with trocar for thoracic drainage purpose. Catheters to be marked at every 5, 10, 15 & 20 cm from the last eye. Fitted with tapered connector. Sterile, packed in peelable pouch pack. Sizes: 12, 16, 20, 24, 28, 32, 36 FG
1715	Chest Drainage Bottle – 2000 ml	Under water seal drainage system.Double chamber compact unit with 2000 ml capacity.Easy to read graduation on bottle to determine the drainage volume precisely. Clearly marked initial level to ensure the underwater seal. Separate suction port for connection with suction unit. Should have valve to prevent excess suction. Kink resistant large bore tubing to facilitate unrestricted flow. Unit to be provided with metal hangers and floor stand. Sterile, packed in peelable pouch pack.
1716	Chest Drainage Bottle – 1200 ml:	Under water seal drainage system. Single chamber compact unit with 1200 ml capacity. Easy to read graduation on bottle to determine the drainage volume precisely.Should have valve to prevent excess suction. Clearly marked initial level to ensure the underwater seal. Specially designed positive pressure relief valve. Separate suction port for connection with suction unit. Kink resistant large bore tubing to facilitate unrestricted flow. Unit to be provided with metal hanger/ floor stand. Sterile, packed in peelable pouch pack
1717	Chest Drainage Bottle – 500 ml	Under water seal drainage system. Single chamber compact unit with 500 ml capacity. Easy to read graduation on bottle to determine the drainage volume precisely. Clearly marked initial level to ensure the underwater seal. Separate suction port for connection with suction unit. Kink resistant large bore tubing to facilitate unrestricted flow. Should have valve to prevent excess suction. Unit to be provided with metal hanger/ floor stand. Sterile, packed in peelable pouch pack
1718	FOGARTY ARTERIAL EMBLECTOMY CATHETER	<ul style="list-style-type: none"> <li>• Vinyl Latex Balloon tipped catheter for Arterial Emblectomy procedure.</li> <li>• Usable length 60-80 cm, Size 2F to 8F.</li> <li>• Recessed winding technique for balloon attachment for maintaining balloon symmetry for uniform contact with vessel wall, providing consistent clot removal</li> </ul>

1719	THRU LUMEN FOGARTY CATHETER	<ul style="list-style-type: none"> <li>• Vinyl Latex Balloon tipped catheter for Arterial Embolectomy procedure.</li> <li>• Usable length 80 cm.</li> <li>• Size 2F-8F.</li> <li>• Second lumen for guide wire compatibility facilitating crossing occluded, tortuous &amp; stenotic arterial wall OR to be used for drug delivery &amp; blood sampling.</li> <li>• Stainless steel bushes under proximal &amp; distal balloon windings for visualization under fluoroscopy.</li> <li>• Recessed winding technique for balloon attachment for maintaining balloon symmetry for uniform contact with vessel wall, providing consistent clot removal</li> </ul>
1720	ELECTRO CAUTERY RETURN PLATE WITH CORD	<ul style="list-style-type: none"> <li>• All sizes should be available</li> <li>• Disposable Sticky patient return split monitoring style.</li> <li>• Pre attached cable (US FDA approved)</li> </ul>
1721	ELECTRO CAUTERY RETURN PLATE WITHOUT CORD	<ul style="list-style-type: none"> <li>• All sizes should be available</li> <li>• Disp. Sticky patient return split monitoring style.</li> <li>• Cord should be provided separately.</li> <li>• US FDA approved</li> </ul>
1722	Disposable surgical drape	<ul style="list-style-type: none"> <li>• Made up of reinforced spun-bond film composite material, blue laminate of polypropylene non-woven fibers and polyethylene film.</li> <li>• Highly absorbent yet impervious across entire drape.</li> <li>• Low-linting, non-breathable, abrasion resistant, durable, strong tear resistant, conformable, with self adhesive containing hypoallergenic acrylate type adhesive with a silicone coated paper liner.</li> <li>• ETO Sterilized.</li> </ul>
1723	CABG drape Pack	4 Self adhesive cautery bags(30cmx35cm),3 Op tapes(10cmx55cm),4 Lint free hand towels(23.5cmx38cm),4 Self adhesive towel drapes(91.5cmx100cm),1 Self Adhesive Medium drape(183cmx183cm),1 Self Adhesive Large drape(150cmx250cm),1 Instrument table drape(150cmx200cm),1 Large Instrument table drape(183cmx240cm),1 Self Adhesive Bilateral Split drape(183cmx200cm),2 Triangular drape(91.5cmx91.5cmx129cm).
1724	CAUTREY LEAD	<ul style="list-style-type: none"> <li>• Disposable.</li> <li>• Hand control button switch with PTFE coated blade electrode.</li> <li>• Should be light weight</li> <li>• US FDA approved</li> <li>• Should be compatible with all standard brands of cautery machines.</li> </ul>
1725	TITANIUM LIGATING CLIPS "SIZE – SMALL"	<ul style="list-style-type: none"> <li>• Wire of the clip should be 'Heart shaped for a firm grip on Vessels</li> <li>• Clips should be of 'Chevron' shape for better closure</li> <li>• Cartridge should have adhesive backing for better control while loading.</li> <li>• Clips should be easy to load with soft loading technique.</li> <li>• Clip cartridges should be color coded for better identification.</li> <li>• Clips quoted should be registered in India for selling.</li> <li>• Should have all required documentations like from 10 A and Form 41 etc.</li> <li>• Should be US FDA approved with clinic data backing for the same</li> </ul>

1726	TITANIUM LIGATING CLIP “ SIZE MEDIUM	<ul style="list-style-type: none"> <li>• Wire of the clip should be ‘Heart shaped’ for a firm grip on vessels</li> <li>• Clips should be of ‘Chevron’ shape for better closure.</li> <li>• Cartridge should have adhesive backing for better control while loading.</li> <li>• Clips should be easy to load with soft loading technique.</li> <li>• Clip cartridges should be color coded for better identification.</li> <li>• Clips quoted should be registered in India for selling. Should have all required documentations like from 10A and form 41 etc.</li> <li>• Should be US FDA approved with clinic data backing for the same</li> </ul>
1727	TITANIUM LIGATING CLIPS”SIZE - MEDIUM LARGE”	<ul style="list-style-type: none"> <li>• Wire of the clip should be ‘Heart shaped’ for a firm grip on vessels.</li> <li>• Clips should be of “Chevron’ shape for better closure.</li> <li>• Cartridge should have adhesive backing for better control while loading.</li> <li>• Clips should be easy to load with soft loading technique.</li> <li>• Clip cartridges should be color-coded for better identification.</li> <li>• Clips quoted should be registered in India for selling. Should have all required documentation like form 10A and form 41 etc.</li> <li>• Should be US FDA approved with clinic data backing for the same</li> </ul>
1728	TITANIUM LIGATING CLIPS” SIZE- LARGE	<ul style="list-style-type: none"> <li>• Wire of the clip should be ‘Heart shaped for a firm grip on Vessels.</li> <li>• Clips should be of ‘Chevron’ Shape for better closure</li> <li>• Cartridge should have adhesive backing for better control while loading.</li> <li>• Clips should be easy to load with soft loading technique.</li> <li>• Clip cartridges should be color-coded for better identification.</li> <li>• Clip quoted should be registered in India for selling. Should have all required documentation like from 10A and form 41 etc.</li> <li>• Should be US FDA approved with clinic data backing for the same.</li> </ul>
1729	APPLICATOR FOR TITANIUM CLIPS (Small, Medium, Large)	<p>Should be available in three shapes :CURVED, ANGLED &amp; RIGHT ANGLED</p> <ul style="list-style-type: none"> <li>• Device to be compatible for titanium clips listed in the tender</li> </ul>
1730	Aortic punch Long handle	<ul style="list-style-type: none"> <li>• Size: 2.5cm to 6cm</li> <li>• Should have sharp dual cutting edge for clean, precise removal of aortic tissue.</li> <li>• button hole technique.</li> <li>• Ten blade sizes for trimming to desired size and shape 2.5mm – 6.0mm</li> </ul>
1731	Pediatric bronchial blocker	<ul style="list-style-type: none"> <li>• Should have a catheter with a bifurcated distal end resembling the bifurcation of the trachea. During insertion through a standard endotracheal tube, both distal ends easily find their way into the two main stem bronchi. Under bronchoscopic vision the lung can be isolated by inflating the balloon. The inflated balloon will always be located at the entrance of the main bronchus. The EZ-Blocker should not dislocate after inflation of the isolated lung. If renewed isolation is required the balloon can be re-inflated without the need to reposition the balloon. Size - 7mm.</li> </ul>

1732	DISPOSABLE CAMERA SLEEVE	<ul style="list-style-type: none"> <li>• Transparent, plastic disposable, sterile camera sleeves, for use during MICS, robotis, for epicardial echo.</li> <li>• Circular diameter -6inches .</li> <li>• Lengthmore than 1meter</li> </ul>
1733	Specifications for tyvek roll	<ul style="list-style-type: none"> <li>• Tyvek sheet in rolls, backed with a strong plastic toplayer suitable for both Ethylene oxide and plasma sterilization.</li> <li>• Should be compatible with all standard brands of plasma and steam sterilization systems</li> <li>• sterilization</li> <li>• Sizes required 50cm x 70mtrs 7.5cm x 70mtrs 10cm x 70mtrs 15cm x 70 mtrs 17.5cm x 70 mtrs 20cm x 70 mtrs 25cm x 70 mtrs 30cm x 70 mtrs 35cm x 70 mtrs 40cm x 70mtrs 45cm x 70mtrs 50cm x 70mtrs 60cm x 70mtrs</li> </ul>
1734	SURGICAL BRUSH with IODINE POVIDONE AND CHLOROHXIDINE	<ul style="list-style-type: none"> <li>• Should be sponge impregnated 12% povidone-iodine in a 15ml solution of Teepol, P.E.G and water supplied with nail cleaner.</li> <li>• Should be sponge impregnated 20% chlorohexidine-iodine in a 15ml solution of ISO PROPYLE Alcohol and water supplied with nail cleaner.</li> <li>• Should be US FDA APPROVED</li> </ul>
1735	Vacuum Drainage Sets	<ul style="list-style-type: none"> <li>• Device for close wound drainage under negative pressure post operatively with option to use one or two catheters.</li> <li>• Drain catheters should be provided with radio opaqueline and smooth eyes.</li> <li>• Connecting tube should be kink resistant and should be provided with additional strength to withstand the suction.</li> <li>• bellow unit.</li> <li>• Should be sterile and individually packed.</li> <li>• Sizes of 10, 12, 14, 16, 18 FG.</li> </ul>
1736	DRESSING ALL SIZES	<ul style="list-style-type: none"> <li>• Adhesive, surgical site dressing. • Sterile. • Individually packed. • All sizes</li> </ul>
1737	ADHESIVE TRANSPARENT DRAPE (SURGICAL SITE FILM) ALL SIZES	<ul style="list-style-type: none"> <li>• Should be equivalent to Dermincise.</li> <li>• Should be self-adhesive sterile drape for surgery and wound dressing incise drape.</li> <li>• Should be available in assorted sizes.</li> </ul>
1738	Bedsore prevention air mattress with pump	<p>Air mattress for prevention and treatment of bedsores stage.</p> <ul style="list-style-type: none"> <li>• Should be low air loss and alternating pressure mattress.</li> <li>• the elevation of bed of the patient.</li> <li>• Should prevent bed sores/ accelerate healing of existing bedsores.</li> <li>• Should keep the interface pressure against patient's skin at a level below capillary occlusion.</li> <li>• The pump should operate at very low sound level.</li> <li>• Pump should have provision to hang to the end of the bed by means of 2 hooks.</li> <li>• Mattress should resist a temperature of -30 degree Celsius and should support weight of 110kg.</li> <li>• Dimensions should be approx.180 x 80 x 7.5 cms.</li> </ul>

		<ul style="list-style-type: none"> <li>• Should be individually packed.</li> <li>• Kit should consist of mattress, motor &amp; spare cell.</li> </ul>
1739	Respiratory muscle exerciser	<p>(Inspiratory muscle trainer device)</p> <ul style="list-style-type: none"> <li>• Should incorporate a flow-independent, one-way valve to ensure consistent resistance,</li> <li>• Should feature an adjustable specific pressure setting to be set at a particular time.</li> <li>• It should work via inhalation to exercise the respiratory muscles.</li> <li>• It should have flow independent one-way valve, which should work at constant pressure regardless of patient's airflow.</li> <li>• It should be easy to set at adjustable pressure, which can be used/held in any position.</li> <li>• with mouthpiece.</li> <li>• It should be individually packed in poly bag.</li> </ul>
1740	Reusable Gel Pack	<p>Reusable Gel packs for pain management.</p> <ul style="list-style-type: none"> <li>• It should be able to be kept in freezer for cold therapy.</li> <li>• It should be able to be microwaved (for appx. 2 minutes) / kept in boiling water to provide hot fomentation.</li> <li>• Gel packs must be of a superior quality and non-toxic filling should be safe and hold temperatures for longer duration.</li> <li>• Should be durable, burst &amp; puncture resistant.</li> <li>• Should have been designed to ensure even spread of gel inside the pack.</li> <li>• Two sizes: Large: 15 x 30cm (6" x 12") &amp; Medium: 10 X 25 cm (4" x 10").</li> </ul>
1741	Carotid Shunts :	<ul style="list-style-type: none"> <li>• Should have A Wide selection for Carotid Endarterectomy procedures. SHUNTS should be available in various sizes and lengths, including</li> </ul> <p>Straight, Tapered and "T" Design to add versatility in use.</p>
1742	DISP. BULL DOG CLAMPS ALL SIZES	<p>Disposable' bull dog' clamps for temporary occlusion of vascular structures. Atraumatic. Made with standard quality plastic. Should be ETO sterilisable for repeated use.</p>
1743	Vessel Scraper	<p>Should be able to scrape fat away from the coronary artery.</p> <ul style="list-style-type: none"> <li>• Should be light weight.</li> <li>• Should be pre mounted on a disposable handle</li> </ul>
1744	Arteriotomy Knife	<p>Should have high quality, sharp pointed blade for precise incision.</p> <ul style="list-style-type: none"> <li>• Should be suitable to make incision in 1mm artery.</li> <li>• Should be pre mounted on a disposable handle.</li> </ul>
1745	Sternal band	<p>Polyether-ether ketone material pack of 5</p>

1746	Polypropylene Blue Monofilament with Tungsten Rhenium alloy needle	8-0 3/8 Circle, 8mm Double Needle Taper point 60-70CM
1747	Polypropylene Blue Monofilament with Tungsten Rhenium alloy needle	6-0 3/8 Circle 13 MM DA Taper point 60-70CM
1748	Polypropylene Blue Monofilament with Tungsten Rhenium alloy needle	7-0 3/8 Circle 9.3 MM DA Taper point 60-70CM
1749	Polypropylene blue monofilament , Suture with 1:1 suture needle thickness ratio	5-0 3/8 Circle 9mm-10 DA Taper point 60cm
1750	Polypropylene blue monofilament , Suture with 1:1 suture needle thickness ratio	5-0 3/8 Circle 9-10mm Taper point 60cm
1751	Polypropylene blue monofilament , Suture with 1:1 suture needle thickness ratio	4-0 3/8 Circle 13mm Taper point 60-70CM
1752	Polypropylene blue monofilament ACC BI-curve needle	7-0ACC BI-Curve 9-10mm , DABI-curve contrast needle60-70CM
1753	Undyed Coated Polyglactin 910 coated with Irgacare MP (purest form of triclosan) , braided	3-0 3/8 Circle 24mm Cutting ETHALLOY MULTI-PASS 70-75cm
1754	Undyed Coated Polyglactin 910 coated with Irgacare MP (purest form of triclosan) , braided	2-0 1/2 Circle 36mm Taper point CT-1 90-100cm
1755	Undyed Coated Polyglactin 910 coated with Irgacare MP (purest form of triclosan) , braided	1 1/2 Circle 36mm Taper point CT-1 90-100cm
1756	Braided Polyester green coated with Polybutylate 4 Sutures Per Pack per foil PTFE Pledgets (6mmx3mmx1.5mm)	2-0 1/2 Circle 17MM DA Taper cut 90-100cm
1757	Braided Polyester green coated with Polybutylate , 4 Sutures Per Pack per foil PTFE Pledgets (6mmx3mmx1.5mm)	2-0 1/2 Circle 26MM DA taper cut 90-100cm
1758	Braided polyester with polybutylate coating ,, Braided Multistrand 5 Green & 5 White strands in a foil PTFE POLYMER	2-0 1/2 Circle 17mm DA Taper cut 75-90cm

	PLEDGET 6mm x 3mm x 1.5mm (10 Suture - Per Foil )	
1759	Braided polyester with polybutylate coating, , Braided Multistrand 5 Green & 5 White strands in a foil PTFE POLYMER PLEDGET 3mm x 3mm x 1.5mm (10 Suture - Per Foil )	2-0 1/2 Circle 17mm DA Taper cut 75-90cm
1760	Braided polyester with polybutylate coating, , Braided Multistrand 5 Green & 5 White strands in a foil PTFE POLYMER PLEDGET 6mm x 3mm x 1.5mm (10 Suture - Per Foil )	2-0 1/2 Circle 26mm DA Taper cut 75-90cm
1761	PROLENE Blue Monofilament 75 cm Firm POLYMER PLEDGETS 3mm x 3mm x 1.5 mm	5-0 1/2 Circle Needle 13mm DA round body 75-90cm
1762	PROLENE Blue Monofilament 75 cm Firm POLYMER PLEDGETS 3mm x 3mm x 1.5 mm	4-0 1/2 Circle Needle 17mm DA round body 90-100cm
1763	CABG On Pump Procedure Kit for single Procedure – repacked, Include Sutures :-	2 foils of 7-0 Polypropylene 3/8 Circle CC DA 60 cm 9.3 mm, 2 foils of 6-0 Polypropylene 3/8 Circle 75 cm 13 mm, 1 foil of 5-0 Polypropylene 1/2 Circle RB DA 90 cm 17 mm, 1 foil of 4-0 Polypropylene 1/2 Circle RB DA 90 cm 17 mm, 1 foil of 6 no STEEL 1/2 Circle Cutting CCS, 3 Blunt point 4x45 cm 48 mm 1 foil of BONE WAX 2.0 gm, 1 foil of 0 no Silk 1/2 Circle RB Black Braided 90 cm 30 mm, 2 foil of 4-0 Silk 1/2 Circle RB Black Braided 90 cm 16 mm, 2 foil of 2-0 Undyed Polyglactin 910 1/2 Circle RB Braided 100cm 36 mm, 1 foil of 1 Undyed polyglactin 910 1/2 Circle RB Braided 100cm 36 mm, 1 foil of 3-0 Undyed polyglactin 910 1/2 circle RB Braided 75 cm 24 mm



1764	CABG Off Pump Procedure Kit for single Procedure – repacked, Include Sutures :-	<p>1 Foil of 8-0 Polypropylene 3/8 Circle TP DA 60 cm 8 mm,</p> <p>1 Foil of 7-0 Polypropylene 3/8 Circle CC DA 60 cm 9.3 mm,</p> <p>2 foils of 6-0 Polypropylene 3/8 Circle 75 cm 13 mm,</p> <p>1 foil of 5-0 Polypropylene 1/2 Circle RB DA 90 cm 17 mm,</p> <p>1 foil of 4-0 Polypropylene 1/2 Circle RB DA 90 cm 17 mm,</p> <p>1 foil of 6 no STEEL 1/2 Circle Cutting CCS, 3 Blunt point 4x45 cm 48 mm</p> <p>1 foil of BONE WAX 2.0 gm,</p> <p>1 foil of 0 no Silk 1/2 Circle RB Black Braided 90 cm 30 mm,</p> <p>2 foil of 4-0 Silk 1/2 Circle RB Black Braided 90 cm 16 mm,</p> <p>2 foil of 2-0 Undyed Polyglactin 910 1/2 Circle RB Braided 100cm 36 mm,</p> <p>1 foil of 1 Undyed polyglactin 910 1/2 Circle RB Braided 100cm 36 mm,</p> <p>1 foil of 3-0 Undyed polyglactin 910 1/2 circle RB Braided 75 cm 24 mm</p>
1765	Suture pledget	Polyvinylidene Fluoride Monofilament 3/8 circle tapercut/roundbody, 6/0, double armed, 10mm, 60cm, with pledget 2x3.5x0.4
1766	Suture pledget	Polyvinylidene Fluoride Monofilament 3/8 circle tapercut/roundbody, 6/0, double armed, 10mm, 75cm, with pledget 2x3.5x0.4
1767	Suture pledget	Polyvinylidene Fluoride Monofilament 1/2 tapercut/roundbody, 5/0, double armed, 13mm, 75cm, with pledget 2x3.5x0.4
1768	Suture	Polymide 6.6 treated monofilament 3/8 circle taper point 5/0 double armed ,16mm, 80cm
1769	Suture	Polymide 6.6 treated monofilament 3/8 circle taper point 6/0 double armed ,16mm, 80cm
1770	Clips micro	Titanium clips micro, white, one cartridge 9 clips, 2.6mm
1771	Clips small	Titanium clips small, yellow, one cartridge 9 clips, 3.6mm
1772	Clips medium	Titanium clips medium, blue, one cartridge 9 clips, 5.6mm
1773	Clips Medium large	Titanium clips medium large , green, one cartridge 6 clips, 9.0mm
1774	Clips large	Titanium clips large, orange, one cartridge 6 clips, 12.3mm
1775	Applicator	Applicator micro, Small, Medium, Medium large, Large with various length And angles At tip
1776	Oxygenator infant- Paeditric	Infant- paediatric oxygenator totally coated phosphorylcholine coating, prime volume 99ml, surface 0.84m <sup>2</sup> , blood flow 0.5-3.0 l/min
1777	Oxygenator infant- Paeditric with filter	Infant- paediatric oxygenator totally coated phosphorylcholine coating with modular cascade filtration (with interated arterial filter) prime volume 130ml, surface 0.84m <sup>2</sup> , blood flow 0.5-3.0 l/min
1778	Oxygenator Adults	THE LOWEST PRIME ADULT OXYGENATOR phosphorylcholine coating, Oxygenator is specially designed to have the lowest priming volume (190 ml) surface area 1.35m <sup>2</sup> , max blood flow 7.0 l/min with low contact surface area, combining excellent gas transfer performances with clinical flexibility for small adult and adult Patients. OPTIMAL ERGONOMIC DESIGN FOR PERFUSION COMFORT. Improved ease of use thanks to the top venous inlet port and a large variety of connector adapters for enhanced customization capabilities.

1779	CARDIOPLEGIA DELIVERY SYSTEM	<p>The Cardioplegia Heat Exchanger aims to meet all the performance expectations with the following product features:</p> <p>a) Priming between 20-30 ml</p> <p>b) k) A flow dynamic engineering system which can effectively mix the blood and crystalloid solution to the desired preparations ( 1:4&amp; 4:1 ratios) Complete blood for warm shot also Allows delivery in any ratio either Delnido 4 part Crytalloid:1 blood) or Microplegia(1 part crystalloid and 4 part blood)</p> <p>c) Portsareavailableforinfusion,sampling,temperaturereading,andthe inlet/outlet connector easily adapt 1/4" tubes for infant, paediatric and adult patient use.</p> <p>d) While priming, the perfusionist can easily purge air through the one port between the inlet and outlet with minimal holdup volume.</p> <p>e) The pleated anodized aluminium heat exchanger hasminimum surface area ,delivery froth free, to allow the excellent mixing of blood with cardioplegia.</p> <p>f) An air trap column at the entry port provides additional safety by trapping any micro air bubbles going out.</p> <p>g) Thebottom-in,top-outflowpathenablescompletedrainagewith minimal blood holdup volume.</p> <p>h) The PVC recirculation lines are preconnected with their respective connectors to ensure easy setup and use.</p> <p>i) Available individually packed or preconnected with recirculation line</p> <p>j) Product has double protective packing that can be peeled easily when assembling</p> <p>k) A cardioplegia Heat exchanger which can infuse the contents to the patient as and when the surgeons wantsinstantly without any delay .</p> <p>l) An in-built 200 µ Filter to prevent micro air bubbles.</p>
1780	Four Lumen Central Line Catheter 8.5 Fr. (13Cm Length)	It should have Four (4) lumen Central Venous catheter with Straight Needle. Catheter Size 8.5 Fr. It should have Nitonol Guide wire (45/60 cm * 3 mm) and (Diameter Distal 16 G Medial 1 14 G, Medial 2 18 G, Proximal 18 G). Length of catheter 13 cm.
1781	central venous catheter single lumen 16 G	It should be sterile Single packing Single lumen catheter 16g set for cauterization of the vena cava according to the catheter through cannula technique, Length 40 cm Dilator 4/5 Fr, Guide wire
1782	central venous catheter Tripe lumen 4.5 f	It should have Four (4) lumen Central Venous catheter with Straight Needle. Catheter Size 4.5 Fr. It should have Nitonol Guide wire (45/60 cm * 3 mm) and (Diameter Distal 23G , Medial 20 G, Proximal 23 G). Length of catheter 6cm cm.
1783	central venous catheter Tripe lumen 5.5 f	It should have Four (4) lumen Central Venous catheter with Straight Needle. Catheter Size 5.5 Fr. It should have Nitonol Guide wire (45/60 cm * 3 mm) and (Diameter Distal 22G Medial 18 G, Proximal 22 G). Length of catheter 8 cm.
1784	Bulldog Clamp	Novaclip atraumatic spring clip,17mm straight,Blue
1785	Bulldog Clamp	Novaclip atraumatic spring clip,12mm straight,Magenta
1786	Bulldog Clamp	Novaclip atraumatic spring clip, 12mm angled, Yellow
1787	Bulldog Clamp	Greyhound Adjustable spring clip, 6mm straight
1788	Applier	Applicator for Sofia / Greyhound® Spring Clips

1789	Applier	Applicator for NOVACLIP® spring clips
1790	Enclose II	Proximal Anastomosis Assist Device (with Aortic Punch 3.5 mm)
1791	Enclose II	Proximal Anastomosis Assist Device (with Aortic Punch 4.0 mm)
1792	Enclose II	Proximal Anastomosis Assist Device (with Aortic Punch 4.5 mm)
1793	Antimicrobial Incise Drapes	* It Should be GAMMA sterilize only. * For covering incision area(Overall size 66cm X 45cm OR Adhesive area 56cm X 45cm). * Adhesive with povidone Iodine. * It Should be USFDA approved. * It Should be effective against methicillin-resistant Staphylococcus aureus (MRSA) at a depth of 1000 microns.
1794	Antegrade Ostial Cardioplegia Cannula- Neonatal	Antegrade-cardioplegia cannula should be made of soft 100% silicone conduit with distal bulbous end & amp; should have luer lock connector at the proximal end for administration of cardioplegia solution into the coronary ostia, suitable for doing neonatal arterial switch surgery
1795	ePTFE Conduit	length 35 cm, sizes 16, 18, 20, 22 ringed
1796	ePTFE Conduit	length 35 cm, sizes 16, 18, 20, 22 non ringed
1797	BT Shunt ePTFE made m	sizes 3.0mm, 3.5mm, 4.0mm, 4.5mm, 5.0mm
1798	Bovine Pericardial Patch	Ready-to-use, rinseless preparation, glutaraldehyde fixed/ glutaraldehyde free, anticalcification treatment, size 8x8 cm, preferably USFDA approved
1799	Non Absorbable monofilament polypropylene surgical suture	5-0, 1/2 circle, taper point, 13mm needle, 60-75 cm, non pledgeted, double arm
1800	Non Absorbable monofilament polypropylene surgical suture	5-0, 1/2 circle, taper point, 17mm needle, 60-75 cm, non pledgeted, double arm
1801	Non Absorbable monofilament polypropylene surgical suture	6-0, 1/2 circle, taper point, 8-10mm needle, 6-75 cm, non pledgeted, double arm
1802	ECMO PLS Kit Adult	A. Centrifugal Pump.Max flows: 0 to 10 lits/min.Channel type.Priming volume: 20 - 32 ml.Diffusion membrane.Oxygenator.Hollow fiber Polymethylpentene.Max Flows: 0.5 to 7 lits/min.Surface area: 1.8 sq. mts.Heat exchanger: Integrated into oxygenator. Heat exchanger membrane type: Polyurethane.Coated with Bioline (Albumin + Heparin)
1803	ECMO PLS Kit Adult MECC	A. Centrifugal Pump.Max flows: 0 to 10 lits/min.Channel type.Priming volume: 20 - 32 ml.Diffusion membrane.Oxygenator.Hollow fiber Polymethylpentene.Max Flows: 0.5 to 7 lits/min.Surface area: 1.8 sq. mts.Heat exchanger: Integrated into oxygenator. Heat exchanger membrane type: Polyurethane.Coated with Bioline (Albumin + Heparin)
1804	ECMO PLS Custom Pack Adult	A. Centrifugal Pump.Max flows: 0 to 10 lits/min.Channel type.Priming volume: 20 - 32 ml.Diffusion membrane.Oxygenator.Hollow fiber Polymethylpentene.Max Flows: 0.5 to 7 lits/min.Surface area: 1.8 sq. mts.Heat exchanger: Integrated into oxygenator. Heat exchanger membrane type: Polyurethane.Coated with Bioline (Albumin + Heparin)
1805	Ecmo canulas Venous	Bioline coated Sizes 19, 21, 23, 25, 29
1806	Ecmo canulas Arterial	Bioline coated Sizes 13, 15, 17, 19, 21
1807	Heart Stabilizer	Thin mount with a constant low profile design for an optimized work area.Stabilizer allows a vertical drop of the FLEXLINK arm into the chest cavity.Proprietary technology provides 180° side-to-side range of motion of the arm.Integrated channels secure tubing away from

		the work area
1808	IAB Catheters	The balloon must have a co-lumen design The balloon membrane has to be of durathathane material 7.5 french catheter with no step down
1809	Heart positioner	Active suspension technology allows normal cardiac motion and maintains stable hemodynamics.Tissue-conforming suction cup uses gentle vacuum to securely lift and hold the heart.Designed for apical or nonapical placement
1810	Knitted Graft	Collagen-coated polyester .Reverse locknit knitting technique.radial tensile strength.No suture hole bleeding.bovine collagen.Cross-linked Type.Water permeability $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg.Wall thickness** 0.49 mm Sizes 40 CM 6,7,8,10,
1811	Knitted Graft	Collagen-coated polyester .Reverse locknit knitting technique.radial tensile strength.No suture hole bleeding.bovine collagen.Cross-linked Type.Water permeability $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg.Wall thickness** 0.49 mm Sizes 40 CM ,12,14,16,18,20,22,24
1812	Knitted Graft	Collagen-coated polyester .Reverse locknit knitting technique.radial tensile strength.No suture hole bleeding.bovine collagen.Cross-linked Type.Water permeability $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg.Wall thickness** 0.49 mm Sizes 70 CM 6,7,8,10
1813	Silver Knitted Graft	Silver acetate collagen-coated polyester graft. Knitted, Woven.antimicrobial.reduce the risk of graft-related infection Silver acetate does not promote bacterial resistance Validated intended use with rifampicin loading.bovine collagen.Water permeability $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg Sizes 40 CM 6,7,8,10,
1814	Silver Knitted Graft	Silver acetate collagen-coated polyester graft. Knitted, Woven.antimicrobial.reduce the risk of graft-related infection Silver acetate does not promote bacterial resistance Validated intended use with rifampicin loading.bovine collagen.Water permeability $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg Sizes 40 CM 12,14,16,18,20,22,24
1815	Silver Knitted Graft	Silver acetate collagen-coated polyester graft. Knitted, Woven.antimicrobial.reduce the risk of graft-related infection Silver acetate does not promote bacterial resistance Validated intended use with rifampicin loading.bovine collagen.Water permeability $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg Sizes 70 CM 6, 7, 8, 10
1816	Knitted Bifurgated Graft	Collagen-coated polyester .Reverse locknit knitting technique.radial tensile strength.No suture hole bleeding.bovine collagen.Cross-linked Type.Water permeability $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg.Wall thickness** 0.49 mm Sizes 12x6, 14x7, 16x8, 18x9
1817	Silver Knitted Bifurgated Graft	Silver acetate collagen-coated polyester graft. Knitted, Woven.antimicrobial.reduce the risk of graft-related infection Silver acetate does not promote bacterial resistance Validated intended use with rifampicin loading.bovine collagen.Water permeability $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg Sizes 12x6, 14x7, 16x8, 18x9
1818	Woven Graft	Collagen-coated external-velour polyester .minimize thrombus formation.weave design.Coated polyester fabric Cross-linked Type I bovine collagen.Water permeability $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg.Wall thickness** 0.38 mm. Sizes

		12,14,16,18,20,22,24,26,28,30,32
1819	Silver Woven Graft	Collagen-coated external-velour polyester .minimize thrombus formation.weave design.Coated polyester fabric Cross-linked Type I bovine collagen.Water permeability $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg.Wall thickness** 0.38 mm. Sizes 12,14,16,18,20,22,24,26,28,30,32
1820	INTERGARD WOVEN AORTIC ARCH Graft	Pre-sewn and Anatomically correct angle of branches designed for total replacement allow reduced cardiac ischemic time.Coated polyester fabric Cross-linked Type I bovine collagen.Water permeability* $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg.Wall thickness** 0.38 mm.45°suture retention** 2.53 kg. Sizes 20,22,24,26,28,30,32,34
1821	CARDIOROOT	one piece-design collagen-coated VALSALVA. For ascending aorta.Should mimic the anatomy and blood flow dynamics of the natural sinuses of Valsalva.Anatomically correct shape.Unique uncrimped section that does not stretch:can be precisely trimmed and shaped.Water permeability $\leq 5\text{ml} \cdot \text{cm}^{-2} \cdot \text{min}^{-1}$ @120 mmHg.Coated polyester fabric Cross-linked Type I bovine collagen. sizes 24,26,28,30,32,34
1822	Endoscopic Vessel Harvesting System	The Endoscopic Harvesting System should be designed for use in conjunction with the 7mm Endoscope. Harvesting Cannula should have four lumens to house the Endoscope, C-Ring, Distal Lens Washer Tube & BiSECTOR Bipolar Ligating Forceps for ligation & division of vessel branches.C-Ring/Distal lens washer should be independently controlled by a C-BiSECTOR can be extended/retracted through the main cannula by inserting it into the Tool Adapter Port, and rotated independently.Bipolar coagulation should be achieved using electrosurgical energy.Short Port Blunt Tip Trocar (BTT) should be provided which is used to provide a port of access for insertion of endoscopic instruments into an incision site.syringe should be provided for inflation/deflation of the Balloon.
1823	7mm Extended Length Endoscope vasio view Hemopro-2	The 7 mm Endoscope (Zero Angle) should be a reusable product, which consist of a stainless steel Shaft housing optical and illumination components.proximal end should have an Eyepiece for camera adapter attachment,7 mm Endoscope should be designed to be used in conjunction with the removable Dissection Tip for blunt dissection of tissue and isolation of structures in the cavity.
1824	Plastic Bulldog	All sizes, Curved or streight, one piece design
1825	PiCCO Catheter	PiCCO technology is based on two principles namely, trans pulmonary thermodilution and pulse Global End Diastolic Functioncontour analysis.Stroke Volume Variation(SVV).Pulse Pressure Variation(PPV),Global Ejection Fraction(GEF),Extravascular Lung water index (ELWI)Pulmonary Vascular Permiability Index (PVPI).

		Systemic Vascular Resistance index(SVRI)Temperature sensor at the catheter tip for trans pulmonary thermodilution
1826	Pericardial Patch	Cardiac and great-vessel reconstruction and repair and pericardial closure.soft, pliable tissue conforms to uneven surfaces and minimizes suture hole leaks for more reliable repairs.Glutaraldehyde and EnCap™ anti-calcification technology,promote host endothelialization . bovine pericardium resists shrinkage and aneurysm formation. Rinse less Preparation, Ready to use.Thinner patch
1827	Mechanical Heart Valves Rotatable	Mechanical Heart Valves for both Aortic and Mitral Heart position available in sizes 17 mm to 31mm. Bi-leaflet and rotatable. protrusion of leaflets from the housing is 3.4mm.wall clearance – 6.6mm 85°. U.S FDA approved.Pyrolytic carbon. Patented butterfly upstream pivot design
1828	AGFN-756 ( Regent Flex cuff)- Aortic Mechanical heart valve	Mechanical Heart Valves for Aortic position.Individually sterilized and ready for use in individual patients.Five years from the date of manufacturing. Bi-leaflet and rotatable. Supra-annular placement. Maximum protrusion of leaflets from the housing is 3.4mm.84% orifice to annulus ratio. 85 degrees.Significantly larger EOA's than other mechanical heart valves.Significant reduction in LV mass. Pyrolytic carbon. Patented butterfly upstream pivot design . U.S FDA approved. MRI conditional.sizes 17 mm to 29mm.The Flex Cuff is flanged and more pliable than the standard cuff.
1829	Conduit	Double-velour woven fabric offers excellent sealing handling and healing characteristics.Collagen impregnation provides uniform tissue in-growth and biocompatibility. Rotatable valve attached. Cuff Configuration. US. FDA approved.sizes: 19mm to 33 mm
1830	Aortic Tissue Heart Valve	Biological tissue heart valves for Aortic Heart position available in sizes 19mm-27mm. Triple composite porcine valves. Anti-calcification treatment. U.S FDA approved.Low Pressure glutaraldehyde fixation
1831	Mitral Tissue Heart Valve	Biological tissue heart valves for Mitral Heart position available in sizes 25mm-33mm. Triple composite porcine valves. Anti-calcification treatment. U.S FDA approved.Low Pressure glutaraldehyde fixation
1832	Valve Annuloplasty Rings - Tricuspid	Available in sizes 25mm to 35mm. tricuspid and mitral repair. double velour cuff . Full flexible ring can be tailored.Posterior support.Flexible design.Secure ergonomic holder and handle.Open holder facilitates.US. FDA approved
1833	Repair options for Heart Valves (Rigid)	Repair solutions available in both flexible as well as rigid forms. rigid ring is a full 3D ring which creates natural saddle shape. titanium alloy core.polyester cuff..unique triangular core.U.S FDA approved rings.sizes 22mm to 34mm.
1834	SEMI-RIGID SEGUIN RING	Semi-rigid ring has three-dimensional Flexibility. preserve the physiologic movement of the valve annulus.Sewing ring fabric: Polyester Double Velour.Core: Polyethylene.sizes 24mm-40mm. Secure ergonomic holder and handle quickly attach and detach to save time during implant.Solid, one-piece inner core resists needle

		penetration and reduces the potential for suturing through the core.USFDA
1835	Trifecta GT	valve is bovine pericardial bioprosthesis for the aortic position called the next generation Trifecta™ valve designed for improved ease of placement.FDA approved.leaflets made from a single strip of pericardiumexternally mounted over a titanium stent and this allows complete opening of the leaflets and aids in proper coaptation.polyester sewing cuff with a scalloped shape , without a silicone insert; and there is the presence of 3 suture markers.Minimizes suture drag and parachuting forces- Hence the valve ‘ GLIDES’ onto the annulus with ease.annulus shape. Conical, streamlined.A Pericardial cover on the stent helps in mitigating the tissue abrasion with tissue to tissue contact.sizes 19mm, 21mm,23mm,25mm,27mm and 29mmA propriety fixation procedure aids in proper leaflet shaping for proper leaflet coaptation.
1836	Titanium clip	Metal ligation clip 1.91 mm width and 2.24 closed length with 30% smaller than small clips, USFD and CE approved,heart shapped wire with inner locking grooves f chevron shape for more vessel engulfing,Transverse Grooves, Micro white Cartidge of 6 Clip
1837	Titanium clip	Metal ligation clip with 1.98 mm width and 3.63 closed length, USFD and CE approved,heart shapped wire with inner locking grooves , chevron shape for more vessel engulfing,Transverse Grooves,Lateral Clip-restraining springs, small yello Cartidge of 24 Clip
1838	Titanium clip	Metal ligation clip with 2.08 mm width and 3.63 closed length, USFD and CE approved,heart shapped wire with inner locking grooves , chevron shape for more vessel engulfing,Transverse Grooves,Lateral Clip-restraining springs, small wide Red Cartidge of 24 Clip
1839	Titanium clip	etal ligation clip with 3.02 mm width and 5.89 closed length, USFD and CE approved,heart shapped wire with inner locking grooves , chevron shape for more vessel engulfing,Transverse Grooves,Lateral Clip-restraining springs, medium blue Cartidge of 24 Clip
1840	Applier	High quality stainless steel applier,compatible only with Weck Horizon clips, opens at box lock for cleaning purpose,jaws alignment to avoid clip fallout Angle shape and Straight shape
1841	Advance IV Kit for positive patient.	Peripheral IV line kit consisting of 1 pc of reinforced IV dressing advance size 7cm x 8.5cm, 1 pc of 2% w/v Chlorhexidine gluconate and 70% v/v isopropyl alcohol skin prep swab, 1 pc of Latex free disposable tourniquet and 1 pc of sterile gauze swab / 1 ml Sting Barrier Film. 20 Pcs in Pkt. It should be comfortable for positive patient.
1842	Peripheral IV dressing for neonates.	Polyurethane film peripheral IV dressing for neonates reinforced with soft cloth border and notch with pattern coated acrylic adhesive. It has a picture frame delivery system with 3 extra sterile tape strips for additional secure and complies with ISO-10993 standards for biocompatibility. Size: 3.8cm x 4.5cm. It Should be approved by HRIPT and HCIPT Test

1843	Peripheral IV dressing for pediatric.	Polyurethane film peripheral IV dressing for pediatric reinforced with soft cloth border and notch with pattern coated acrylic adhesive. It has a picture frame delivery system with 3 extra sterile tape strips for additional secure and complies with ISO-10993 standards for biocompatibility. Size: Size: 5cm x 5.7cm. It Should be approved by HRIPT and HCIPT Test
1844	Transparent Film Dressing Frame	Dressings are made with a thin, semi-permeable film that enables long wear time and full site visibility to minimize unnecessary dressing changes. Size 4 inch x 10 inch (10 cm x 25 cm)
1845	Antimicrobial Incise Drape With Pouch	Antimicrobial Incise Drapes effectively help prevent wound contamination, Size - 87 cm x 74 cm, Incise area 30 cm x 30 cm
1846	Antimicrobial Incise Drape With Pouch.	Antimicrobial Incise Drapes effectively help prevent wound contamination, Size - 74 cm x 87 cm, Incise area 42 cm x 52 cm.
1847	Canister 500 ML	500 ml Canister with Gel Company Should be having manufacturing or import License It should be DCGI and FDA & CE Certified Should be compatible to burst abdominal vac dressing veraflow and Abthera
1848	Vac Dressing Granufoam	NPWT Dressing kits containing Small Polyurethane foam Dressing (10 x 7.5 x 3.2cm) with drape, ruler, trac tubing and 1-ltr canister for exudate collection.It should be DCGI and FDA & CE Certified & company having manufactutring or import license
1849	Vac Dressing Granufoam	NPWT Dressing kits containing Medium Polyurethane foam Dressing (18 x 12.5 x 3.2cm) with with drape, ruler, trac tubing and 1-ltr canister for exudate collection.It should be DCGI and FDA & CE Certified & company having manufactutring or import license
1850	Vac Dressing Granufoam	NPWT Dressing kits containing Large Polyurethane foam Dressing (26 cm x 15 cm x 3.2cm) with drape, ruler, trac tubing and 1-ltr canister for exudate collection.It should be DCGI and FDA & CE Certified & company having manufactutring or import license
1851	Pressure Garment	Custom made Pressure Garment below Knee stockings Pair.
1852	Pressure Garment	Custom made Pressure Garment Full Knee stockings Pair.
1853	Pressure Garment	Custom made Pressure Garment Fore arm
1854	Pressure Garment	Custom made Pressure Garment Full arm
1855	Pressure Garment	Custom made Pressure Garment Fore arm with Guantlet
1856	Pressure Garment	Custom made Pressure Garment Full arm with guantlet
1857	Membrane Oxygenator Efficient Heat Exchanger with Surface coating with Hardshell Venous Reservoir, Cardiotomy Filter and Integrated Arterial Filter. 7 Ltr	Recommended Max Blood flow rate: 5001 to 8000 ml/min, Static priming vol: 180 to 350 ml, Maximum Hardshell Reservoir Capacity: 4000 to 4500 ml, Minimum Hardshell Reservoir Capacity: 200 to 300ml, Venous Reservoir filter: 20 to 47 $\mu$ , Suction inlet No.: minimum 4, Filtered quick prime No.: minimum 1, Filter luer No.: minimum 2, Venous blood flow: 7000 to 8000 ml/min, Membrane Surface area: 1.8 to 2.5 m <sup>2</sup> . Specifications of Arterial Filter: Maximum Blood flow rate: 6 to 8 lit/min, Low Priming Volume, Inlet and Outlet 3/8 For Adult
1858	Membrane Oxygenator Efficient Heat Exchanger with Surface coating. Small Adult 5 Ltr	Cardiotomy filter and integrated arterial filterRecommended Max Blood flow rate: 4000 to 5000 ml/min, Static priming vol: 120 to 175 ml, Maximum Hardshell Venous Reservoir Capacity: 3000 to 4200 ml, Minimum Hardshell Reservoir Capacity: 70 to 150 ml, Venous Reservoir filter: 20 to 47 $\mu$ , Suction inlet No.: minimum 4, Filtered quick prime No.: minimum 1, Filter luer No.: minimum 2, Venous blood flow: 4000 to 5000 ml/min, Membrane Surface area: 1.0 to 1.5 m <sup>2</sup> . Specifications of Arterial Filter: Maximum Blood flow rate: upto 5



		lit/min, Low Priming Volume, Inlet and Outlet 3/8 For Small Adult CE Approved
1859	Membrane Oxygenator Efficient Heat Exchanger with Surface coating. Ped. 4 Ltr	Cardiotomy filter Recommended Max Blood flow rate: 2000 to 3000 ml/min, Static priming vol: 90 to 145 ml, Maximum Hardshell Reservoir Capacity: 1600 to 3000 ml, Minimum Hardshell Reservoir Capacity: 15 to 70 ml, Venous Reservoir filter: 20 to 47 $\mu$ , Suction inlet No.: minimum 4, Filtered quick prime No.: minimum 1, Filter luer No.: minimum 2, Venous blood flow: 2000 to 3000 ml/min, Membrane Surface area: 0.6 to 1.5 m <sup>2</sup> . Specifications of Arterial Filter: Maximum Blood flow rate: 3.2 to 5 lit/min, Low Priming Volume, Inlet and Outlet 3/8 For Paediatric CE Approved
1860	Membrane Oxygenator Efficient Heat Exchanger with Surface coating with Hardshell Venous Reservoir, Cardiotomy Filter and Integrated Arterial Filter. Neonatal 1.5 Ltr	Recommended Max Blood flow rate: 800 to 2000 ml/min, Static priming vol: 35 to 70 ml, Maximum Hardshell Reservoir Capacity: 700 to 1500 ml, Minimum Hardshell Reservoir Capacity: 15 to 30 ml, Venous Reservoir filter: 20 to 47 $\mu$ , Suction inlet No.: minimum 4, Filtered quick prime No.: minimum 1, Filter luer No.: minimum 2, Venous blood flow: 800 to 2000 ml/min, Membrane Surface area: 0.3 to 0.7 m <sup>2</sup> . Specifications of Arterial Filter: Maximum Blood flow rate: 0.7 to 2.5 lit/min, Low Priming Volume, Inlet and Outlet 1/4 For Infant and Neonatal CE Approved
1861	Tissue Stabilizer With Canister Tubing Set (For Off pump CABG) - Metallic	Titan Flex and Titan Stabilizers provide optimal positioning, stabilization and coronary artery isolation durning beating heart. USFDA Approved
1862	Arm for Tissue Stabilizer With Canister Tubing Set (For Off pump CABG) - Metallic	Arm Titan Flex and Titan Stabilizers provide optimal positioning, stabilization and coronary artery isolation durning beating heart. USFDA Approved
1863	Dacron Graft Straight Tube	dilatation resistant ,gelatin sealed , Koper knitted polyester vascular graft 40 cm 6,7,8,10,12
1864	Dacron Graft Straight Tube	dilatation resistant ,gelatin sealed , Koper knitted polyester vascular graft 70 cm 6,7,8,10,12
1865	Dacron Graft Silver coated Straight tube	40 CM 6,,7,,8
1866	Hemofilter Adult .8 m square	
1867	Hemofilter Ped. .3m square	
1868	Coronary Shunt All sizes	
1869	Custom Tubing Pack Adult	Made from non-toxic medical grade PVC tubing . It is used exclusively in combination with heart lung machine and other devices of the system such as oxygenator and blood cardioplegia delivery system. Options of clear or colorful stripes tubing i.e. RED/BLUE/YELLOW/GREEN and with arterial line filter and without filter is available.

1870	Custom Tubing Pack Semi Adult	Made from non-toxic medical grade PVC tubing . It is used exclusively in combination with heart lung machine and other devices of the system such as oxygenator and blood cardioplegia delivery system. Options of clear or colorful stripes tubing i.e. RED/BLEU/YELLOW/GREEN and with arterial line filter and without filter is available.
1871	Custom Tubing Pack Paediatric	Made from non-toxic medical grade PVC tubing . It is used exclusively in combination with heart lung machine and other devices of the system such as oxygenator and blood cardioplegia delivery system. Options of clear or colorful stripes tubing i.e. RED/BLEU/YELLOW/GREEN and with arterial line filter and without filter is available.
1872	Custom Tubing Pack Neonatal	Made from non-toxic medical grade PVC tubing . It is used exclusively in combination with heart lung machine and other devices of the system such as oxygenator and blood cardioplegia delivery system. Options of clear or colorful stripes tubing i.e. RED/BLEU/YELLOW/GREEN and with arterial line filter and without filter is available.
1873	Blood Cardioplegia Delivery Set Adult	Adult and Paediatric Delivery system configurations Flow engineer with Axial, non turbulent, eddy free design prevents bubble formation and eliminates need for downstream filters Shortest blood flow path over smooth surfaces, yet best cooling efficiency Core flow without thinning of blood , reduces stress Priming Volume is just 40 ML, Mixing propositions of blood and cardioplegia 1:1,2:1 and 4:1
1874	Blood Cardioplegia Delivery Set Paediatric	Adult and Paediatric Delivery system configurations Flow engineer with Axial, non turbulent, eddy free design prevents bubble formation and eliminates need for downstream filters Shortest blood flow path over smooth surfaces, yet best cooling efficiency Core flow without thinning of blood , reduces stress Priming Volume is just 40 ML, Mixing propositions of blood and cardioplegia 1:1,2:1 and 4:1
1875	Hemofilter Adult	Surface Area (Sq.m): 0.8 Priming Volume (cb.m) : 58 Max. Trans pre (mm/Hg) : 500 Max. Flow (ml/min) : 150 Blood Inlet & Outlet: 1/4"
1876	Hemofilter Paediatric	Surface Area (Sq.m): 0.4 Priming Volume (cb.m) : 58 Max. Trans pre (mm/Hg) : 500 Max. Flow (ml/min) : 150 Blood Inlet & Outlet: 1/4"
1877	Pressure Transducer Kit Double	Consists of high pressure monitoring lines , transducer domes with built in flushing device and three way stop cock. Close system design reduces the risk of leakage and infection to operators. Consistent and accurate reading during monitoring.

1878	Aortic Cannula Reinforced straight and Angled	One piece body with straight or curved tip available with vented or non-vented connector. An adjustable or xed depth ring together with tip and depth line permits precise position of all cannula. Size 12, 14,16,18,20,22,24
1879	Aortic Cannula non-reinforced St.	One piece body with straight or curved tip available with vented or non-vented connector. An adjustable or xed depth ring together with tip and depth line permits precise position of all cannula. Size 12, 14,16,18,20,22,25
1880	Aortic Cannula non-reinforced Curved Plastic Tip	One piece body with straight or curved tip available with vented or non-vented connector. An adjustable or xed depth ring together with tip and depth line permits precise position of all cannula. Size 12, 14,16,18,20,22,26
1881	Aortic Cannula non-reinforced Curved Metal Tip	One piece body with straight or curved tip available with vented or non-vented connector. An adjustable or xed depth ring together with tip and depth line permits precise position of all cannula. Size 12, 14,16,18,20,22,27
1882	Venous Cannula straight	One piece body with wire reinforced walls and MULTIPOINT LIGHTHOUSE TIP. Sizes available: 12 FR-38 FR.
1883	Venous Cannula angled metal tip	Venous cannula with right angled metal tip features kink resistant wire reinforced bodies. with beveled angled metal tip. This construction allows for higher flow rates with minimum pressure differential. Metal tip orientation permits precise positioning of the cannula. Sizes 12-38 Fr
1884	Two Stage Venous Cannula	These cannulae feature multiport tips with atrial baskets and kink-resistant, wirewound bodies with depth markings. The oval body presents a lower profile in the surgical field. All Sizes
1885	Arterial Line Filter	Filter : 40 micron. Flow : 7 LPM. Priming : 179 ml. Port: 3/8"
1886	Arterial Line Filter	Filter : 40 micron. Flow : 5 LPM. Priming : 90 ml. Port: 3/8"
1887	Arterial Line Filter	Filter : 40 micron. Flow : 3.2 LPM. Priming : 35 ml. Port: 1/4"
1888	Aortic root Cannula / Antegrade	These cannulae feature radiopaque tips attached to clear bodies with separate vent lines. Additional features available with these cannulae. include aortic root pressure monitoring and left heart venting. All cannulae are supplied with a stainless steel introducer needle. Sizes 12,14,16,18
1889	Cardiac Sump with steel tube tip	This sump features a weighted perforated pool tip to minimize the possibility of tissue occlusion while maintaining an opportunity for drainage. The perforated steel tube tip is inside the tubing that terminates with a 1/4 inch (0.64 cm) connector. Adult, Paed. Infant
1890	L. V. Vent with stylet	These vent catheters are for direct and indirect venting of the left ventricle and feature perforated tips. Catheter material is PVC, along with straight, preformed, or malleable bodies with depth markings. These vents are available in pediatric and adult sizes. Straight body models come with a malleable or stiff guidewire style introducer for easy insertion and placement. All vent catheters terminate with a vented or non-vented 1/4 inch (0.64 cm) connector. 12, 14, 17, 18, 20 Fr
1891	Femoral Aortic Cannula	Features an introducer with blunt tip configuration that allows safe insertion for additional arterial access sites such as the aorta, axillary and subclavian A lock feature reduces push-back of the introducer during insertion Vent cap reduces back-bleed when no guidewire is used in the procedure Depth markings aid in placement 8 to 24 Fr

1892	Femoral Venous Cannula single stage	Venous femoral cannulae, designed to drain from superior and inferior vena cava, available in given sizes , with full flow drainage capability. A high quality soft introducer features a smooth transition to the cannula to improve insertion and reduce vascular damage. Available for percutaneous insertion via Seldinger technique. 16 to 30 FR
1893	Femoral Venous Cannula Dual stage	Dual Stage Femoral Venous cannulae, designed to drain from superior and inferior vena cava, available in given sizes , with full flow drainage capability. A high quality soft introducer features a smooth transition to the cannula to improve insertion and reduce vascular damage. Available for percutaneous insertion via Seldinger technique. 16 TO 30 Fr
1894	Femoral Venous Cannula three stage	Multiple Stage Femoral Venous cannulae, designed to drain from superior and inferior vena cava, available in given sizes , with full flow drainage capability. A high quality soft introducer features a smooth transition to the cannula to improve insertion and reduce vascular damage. Available for percutaneous insertion via Seldinger technique. 16,18,24,26,28 Fr
1895	CVC Tripple Lumen chlorhexidine and silver sulfadiazine-Antimicrobial Adult	Radiopaque Polyurethane with Blue FlexTip.Raulerson Spring-Wire Introduction Syringe.Size 7Fr X 16CM
1896	CVC Four Lumen chlorhexidine and silver sulfadiazine-Antimicrobial Adult	Radiopaque Polyurethane with Blue FlexTip.Raulerson Spring-Wire Introduction Syringe.Size 7Fr X 16CM
1897	CVC Tripple Lumen chlorhexidine and silver sulfadiazine-Antimicrobial Ped.	Radiopaque Polyurethane with Blue FlexTip.Raulerson Spring-Wire Introduction Syringe.Size 4Fr X 8CM
1898	CVC Tripple Lumen chlorhexidine and silver sulfadiazine-Antimicrobial Ped.	Radiopaque Polyurethane with Blue FlexTip.Raulerson Spring-Wire Introduction Syringe.Size 5.5Fr X 8CM
1899	Bain circuit Adult	
1900	Bain Circuit Ped.	
1901	Ventilator circuit Plain	
1902	Ventilator circuit 1 WATER TRAP	
1903	Ventilator circuit Double water Trap	
1904	Cytokine Adsorber	Maximum Blood Flow Rate: 700 mL/min Minimum BloodFlow Rate: 100 mL/min Blood Priming Volume: 150 mL Adsorbent Material should ideally be crosslinked Divinylbenzene or polyvinylpyrrolidone. Should be compatible with CRRT, VV and VA ECMO Should be FDA approved.
1905	Suture Organiser	Valve suture to VSD sutures can be easily organised. In nontramatic. Way.
1906	Powder dressing(Altrazeal)	Should be non resorbable. Should be oxygen permeable Impenetrable to exogenous bacteria and toxins Should be long lasting (>3 weeks)

1907	Aortic Valve Neocuspidisation Sizer Multiuse System	1. Sizer Number 21, 23, 25, 27, 29, 31, 33, 35 (1 each- 9 total) 2. Plates for fixation and trimming- One 3. Petri Dish- One 4. 0.6% Glutaraldehyde Soaking Tray- One 5. Sterilization Container- one
1908	Aortic Valve Neocuspidisation Pediatric Sizer MultiuseSystem	Sizer No. 13, 15, 17 (One each- 3 total)
1909	Aortic Valve Neocuspidisation Sterile Templet	Single-Use, individually packaged ( Pack of 10)
1910	Aortic Valve Neocuspidisation Sizer Common Kit	1. Disposable, Sizers 19, 21,23, 25, 27, 29 (Total 6 sizes) 2. Templates for molding leaflets (one Each) 3. Pericardium Fixation Plates (one) 4. Petri Dish- One 5. 0.6% Glutaraldehyde Solution Tray- One 6. Leaflet Size Mark Sheet (One)
1911	Aortic Valve Neocuspidisation Sizer Disposable Kit	AVNeo Small Sizer 13, 15, 17 (3 sizes) One each
1912	Aortic Valve Neocuspidisation Sizer Disposable Kit	AVNeo Large Sizer 31, 33, 35 (3 sizes) one each
1913	Gauze Pieces with American Folding	Sterile, Cotton Gauze swab with pack of 5 swab, 12 Ply, Folded in such a way that no loose thread should be found, Bleached with HydrogenPeroxide. Radio-opaque Thread must be woven in the Gauze piece Size 7.5x7.5 cm
1914	Gauze Pieces with American Folding	Sterile, Cotton Gauze swab with pack of 5 swab, 12 Ply, Folded in such a way that no loose thread should be found, Bleached with HydrogenPeroxide. Radio-opaque Thread must be woven in the Gauze piece Size 10x10 cm
1915	Gauze Pieces with American Folding	Sterile, Cotton Gauze swab with pack of 5 swab, 12 Ply, Folded in such a way that no loose thread should be found, Bleached with HydrogenPeroxide. Radio-opaque Thread must be woven in the Gauze piece Size 5x5 cm

**NOTE: The Bid is Item-Wise bid, there will be separate L1 for each Item. The Bidder has to provide the list of items along with their Serial No. for which he has bided in this Tender.**