

All India Institute of Medical Sciences

Veerbhadra Marg, Pashulok,

Rishikesh-249203



Tender document for Rate Contract of

Consumable Items(Disposable and Surgical Implants), Department of CTVS AIIMS, Rishikesh

Ref. No.	:	24/RC/Consumables/CTVS/...../2019-RISH (ADMN)
Publishing Date	:
Pre-Bid Meeting	:	08/05/2019 At 03:00PM
Bid Submission Start Date	:
Last Date of Bid Submission	:
Bid Opening	:

Tender documents may be downloaded from institute's web site www.aiimsrishikesh.edu.in
(for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app>

TENDER NOTICE
for
Rate Contract of Consumable Items (Disposable and Surgical Implants), Department of CTVS at
AIIMS, Rishikesh, Virbhadra Marg, Rishikesh, Dehradun
Dated:

1. E-tenders in Two Bids (Technical & Financial) basis are invited on behalf of the Director, All India Institute of Medical Sciences, Rishikesh from interested and eligible manufacturer or their authorised distributors/dealers, for providing **Rate Contract of Consumable Items (Disposable and Surgical Implants), Department of CTVS** for period of two years at AIIMS Rishikesh.

2. Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>.

3. The complete bidding process is online. Bidders should be possession of valid digital Signature Certificate (DSC) for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above. For any assistance for e-bidding process, if required, bidder may contact to the helpdesk at 0135-2462915.

4. Tenderer/Contractor/Bidders are advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderer/Bidders for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>'.

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

6. Hard Copy of earnest money deposit and tender fee etc. must be delivered to AIIMS, Rishikesh on or before last date/time of Bid Submission as mentioned above. The bid without EMD and tender fee will be summarily rejected. The scanned copy of the EMD and Tender fee should be attached in the technical bid.

7. The tender shall be submitted online in two part, viz., technical bid and financial bid. 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.

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

8. Any future clarification and/or corrigendum(s) shall be communicated through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app> or AIIMS, Rishikesh website: www.aiimsrishikesh.edu.in. The bidders are required to regularly check the website to know about any/all such corrigendum(s) as only these bids, taking care of such corrigendum(s) shall be considered for finalisation of the tender.

9. Bidder should necessarily enclose a covering letter mentioning a summary of applied document with proper numbering. Secondly, bid should also attach a compliance sheet as per specification mentioning that they are complying to all specification or have any variation.

10. The pre bid conference would be held on -2019 at 03.00 PM in the office of Tender Opening Room, AIIMS, Rishikesh. All firm's representative who are attending the pre bid meeting, shall produce an authorization letter from their firm on the firm's letter head. They are required to put their query in writing before the committee and submit the same in writing on its letter head.

11. All the duly filled/completed pages of the tender should be given serial /page number on each page and signed by the owner of the firm or his Authorized signatory. In case the tenders are signed by the Authorized

signatory, a copy of the power of attorney/authorization may be enclosed along with tender. A copy of the terms & conditions shall be signed on each page and submitted with the technical bid as token of acceptance of terms & conditions. Tender with unsigned pages/incomplete/partial/part of tender if submitted will be rejected out rightly.

12. Any omission in filling the columns of Financial Bid form (Schedule of Rates) shall debar a tender from being considered. Rates should be filed up carefully by the tenderer. All corrections in this schedule must be duly attested by full signature of the tenderers. The corrections made by using fluid and overwriting will not be accepted and tender would be rejected.

13.(i) **Bid Security:** -The bidder shall pay the respective amount of Bid Security (EMD) as mentioned in Table-I along with the Technical Bid by way of demand draft/FD/TD/CD in favour of "AIIMS, Rishikesh" drawn on any Nationalized Bank/ Scheduled Bank and payable at Rishikesh and must be valid for (6) six month. Bids received without tender fees and Earnest Money deposit (EMD) shall stand rejected and thus shall not be considered for evaluation etc. at any stage. The original EMD will be put in Cover-I containing with Technical bid.

- a) The Public Sector Undertaking of the Central/State Govt./MSEs/MSME/Registered with Central Purchase Organization are exempted from furnishing Earnest Money along with tender, **subject to submission of its valid proof.**
- b) The firms Registered with DGS & D/SSI and any approved source of Centre/States Govt. are not exempted from furnishing Earnest Money in so far as this institute is concerned.
- c) Earnest Money deposited with AIIMS, Rishikesh in connection with any other tender enquiry even if for same/similar material / Stores by the tenderer will not be considered against this tender.
- d) Declaration of UdyogAadharMemorandum (UAM) number by the vendors on CPPP is mandatory. The bidders who fail to submit the UAM number shall not be able to avail benefits available to MSE's.

(ii) EMD is required to protect the purchaser against the risk of Bidders conduct. The EMD will be forfeited if the bidder withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to the notice that the information/ documents furnished in its tender is incorrect or false.

14. The bid security (EMD) without interest shall be returned to the unsuccessful bidders after finalization of contract with successful bidder.

15. Bidders are not allowed to submit more than one bid for the same/similar tendered item else all his bids shall be cancelled thereby making him disqualified in addition to the forfeiture of the EMD.

16. The successful bidders have to execute a contract on Indian non judicial stamp paper of Rs.100/- (Rupees one hundred only) within twenty-one (21) days from the date of award of this tender in his favour and also required to furnish the **Security Deposit @ 10%** of contract value in the form of FD/BG/TD/CD for **three months extra of the contract period** from any Nationalised/Schedule bank duly pledged in favour of AIIMS, Rishikesh & payable at Rishikesh only. The EMD deposited by successful bidder may be adjusted towards Security Deposit as demanded above after its validation for the required period. If the successful bidder fails to furnish the full security deposit or difference amount between Security Deposit and EMD within 21 (twenty-one) days after the issue of **Letter of Award** of Work, his bid security (EMD) shall be forfeited and award of tender in suppliers favour automatically stands terminated at his cost & liability, unless time extension has been granted by AIIMS, Rishikesh.

17. The EMD/PBG shall be forfeited if successful bidder fails to supply the goods/equipment in stipulated time or fails to comply with any of the terms & conditions of the contract or fail to sign the contract.

18. The bid shall be valid and open for acceptance by the competent authority of AIIMS Rishikesh for a period of 180 (one hundred eighty) days from the published date of opening of the tenders and no request for any variation in quoted rates and / withdrawal of tender on any ground by bidders shall be entertained. The unilateral withdraw at any stage will cause forfeiture of EMD in addition to any remedy that the purchaser may have under the law.

19. To assist in the analysis, evaluation and computation of the bids, the Competent Authority, may ask bidders individually for clarification of their bids. The request for Clarification and the response shall be in writing but no change in the price or substance of the bid offered shall be permitted.

20. After evaluation, the work shall be awarded normally to the Agency fulfilling all the conditions of the contract and who has quoted the lowest rate as per financial bid after complying with the all the Acts / provisions stated / referred to for adherence in the tender.

21. The competent authority of AIIMS, Rishikesh reserves all rights to accept or reject any/ all tender(s) without assigning any reason. It can also impose/relax any administrative term and condition/specifications of the tender enquiry after due discussion in pre-bid conference. This will be communicated and shown over the website of the Institute. No representation will be considered after pre-bid meeting and **bidders may ensure its queries only in pre-bid meeting.** AIIMS, Rishikesh also reserves the right to reject any bid which in his opinion is non-responsive or violating any of the conditions/specifications without any liability to any loss whatsoever it may cause to the bidder in the process.

22. Tender must be submitted on the prescribed Tender Form otherwise tender will be cancelled straightway.

23. The tender form is not transferable.

24. Canvassing in any form is strictly prohibited and the tenderers who are found canvassing are liable to have their tenders rejected out rightly.

25. It is required by all concerned, namely the Bidders/Suppliers, as the case may be to observe highest standard of ethics during the procurement and execution of this Tender.

26. Installation at consignee's site should be free of cost immediately on arrival of equipment at consignee's site.

27. In case the quality of goods supplied are not in conformity with the standard given in tender and as per the samples supplied or the supplies are found defective at any stage these goods shall immediately will be taken back by the supplier and will be replaced with the tender quality goods, without any delay. The competent authority reserves all rights to reject the goods if the same are not found in accordance with the required description / specifications and liquidates damages shall be charged in addition to the cost of re- tender. The supplier is required to provide the demonstration of equipment at AIIMS premises to the AIIMS representatives for its evaluation as per the specification & desired functionality standard. However, a submission of videography displaying functionality as per tender specification may also be considered by the AIIMS, representative.

28. In case the bidder on whom the supply order has been placed, fails to make supplies within the delivery schedule and the purchaser has to resort risk purchase, the purchaser (AIIMS, Rishikesh) may recover from the tender the difference between the cost calculated on the basis of risk purchase price and that calculated on the basis of rates quoted by tenderer. In case of repeated failure in supplying the order goods the supply order may be cancelled and bid security deposit will be forfeited.

29. Where the specifications are as per tenderer's range of products the tenderer's offer should mention that the item meets all specifications as per the tender enquiry and if there are improvements/deviations the same should be brought out on separate Letter Head of the firm. It would be discretion of the competent authority of the institute to accept or reject such deviations which are not in accordance with our required specifications as given below the financial bid.

30. It must be mentioned clearly whether bidder is a manufacturer/sole distributor/ sole agent for the items for which he is quoting.

- a. **Manufacturer** must add a certificate that item(s) is manufactured by them as per range of products.
- b. **Sole Manufacturers** must add a certificate that they are the sole manufacturer of the Item for which they are quoting in this tender enquiry & item is /are their proprietary Item in India. The rate certificate is also required from the sole manufactures that the Rates quoted are the same as they quote to other State/Centre Govt./reputed Private Organisation and DGS&D rate for the similar item(s) and these are not higher than those quoted by them.
- c. **Authorized agents** must add authority letter from their Manufacturer/Principals on the letter head of the manufacturer/principals signed by a competent person and comes in proforma given in attach must duly supported by a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- (Rupees ten only) that they are quoting Rates on behalf of them. The authorization letter must give/mention the purpose for which it is allowed. The validity period of the authorization letter must be mentioned in the authority letter otherwise tender will be liable to rejection.

31. The bidders should have furnished a copy of GST/S.T. /C.S.T./VAT registration number, the State / U.T. of registration and the date of such registration. Tenders not complying with this condition will be rejected.

32. **Turnover provisions:** - (i) The tenderers should submit along with the tender, a photo state copy of the last three years Annual Accounts with Audit certificate by Chartered Accountant, Income Tax returns and a copy of current valid income tax clearance certificate (IT CC), otherwise bidder will not be considered for administrative evaluation (in evaluation of Technical bid) and will be declared **disqualified** in technical evaluation.

(ii) In case of bidder falls under Section 44AD/44ADA/44AE of Income Tax shall be required to submit turnover certificate verified by Chartered Accountant with his Registration number issued by Institute of Chartered Accountants of India.

(iii) In case of supplier is an Indian Agent, the firm can submit copies of purchase orders issued in favour of firm (*As the payment is made through LC directly to foreign manufacturer and equipment payment does not exist in the book of account of the supplier*) in support to its turnover whatever amount is getting short.

(iv) There will be relaxation on turnover on *case to case* basis for **Start-up firms** registered by Government of India under Start-ups scheme as per orders of Ministry of Commerce, Government of India.

33. **Sample/demonstration:** - In case, the item required prior submission of sample/ performing demonstration, tenderer will have to submit sample/perform demonstration of the equipment/item to the competent authority of the institute, the bidder will have to born all the expenses for the same. Non submission of sample/non performing demonstration will **disqualify** the bidder in the technical bidding process and financial bid of the bidder will not be opened.

34. The tenderer hereby guarantees that the equipment supplied to the Institute (purchaser) under the Contract shall be of the best quality/latest version and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars contained/ mentioned in the Tender Document. The date of manufacturing of the equipment/goods supplied will not be more than 3 (Three months) old. The tenderer will have further guarantees that the said equipment would continue to conform to the description and quality aforesaid for a period of five (5) years guarantee period (As per MoH&FW guidelines), from the date of installation of the said equipment to the purchaser and notwithstanding the fact that the Purchaser (Inspector) may have inspected and /or approved the said equipment, if during the aforesaid period of five years the said

equipment be discovered not to confirm to the description and quality as required as per specification or not giving satisfactory performance or have deteriorated, the decision of the Purchaser in that behalf shall be final and binding on the tenderer and the Purchaser shall be entitled to call upon the tenderer to rectify the equipment or such portion thereof as is found to be defective by the purchaser within a reasonable period or such specified period as may be allowed by the purchaser in his discretion on/an application made thereof by the tenderer and in such an event, the above mentioned warranty period shall apply to the equipment replaced from the date of replacement thereof. In case of failure of the tenderer to rectify or replace the equipment, within specified time, the purchaser shall be entitled to recover the cost with all expenses from the tenderer for such defective equipment.

35. Full description & specifications, make/brand and name of the manufacturing firm must be clearly mentioned in the tender, failing which, the tender will not be considered. The tenderer must also mention whether the goods are imported / indigenous. Descriptive literature / catalogues must be attached with the tender in original, failing which, tender may be disqualified.

36. Force Majeure: Any failure or omission to carryout of the provisions of this supply by the supplier shall not give right for any claim by supplier and purchaser to one against the other, if such failure or omission arise from an act of God which shall include all acts of natural calamities from civil strikes compliance with any statistics and or requisitions of the Government lockout and Strikes, riots, embargoes or from any political or other reasons beyond the suppliers control including war (whether declared or not) civil war or state of incarceration provided that notice of the occurrence of any event by either party to the other shall be within two weeks from the date of occurrence of such an event which could be attributed to force majeure. Any delay due to Force Majeure will not be attributable to the either of the parties.

37. The equipment installed should be up for 95% of the total warranty time. If the equipment is down for more than 5% suitable action shall be taken against the supplier including imposition of penalty as deemed fit.

38. If there is a close system the tenderer shall ensure and will have to submit an affidavit on Indian Non Judicial stamp paper of Rs.10/- along with technical bid that spare parts and consumables for these equipment's/instruments/item will be available at reasonable fixed rates for next 10 (ten) years, such rates should not be more than the rates supplied to institutes of national importance.

39. The successful Bidder shall at all times agree to indemnify and keep indemnified the purchaser against all losses, damages which may arise in respect of action/inactions of such Bidder or breach of any term of this tender by such Bidder. All claims regarding indemnity shall survive the termination of the contract with such Bidder.

40. In case the vendor fails to supply the spare parts or fails to provide the agreed maintenance during the prescribed period, as per the terms of contract, the purchaser is automatically entitled to procure the required parts and hire services from the market at the risk and cost of the vendor, such inability of bidder will entail forfeiture the security deposit. The purchaser also reserves the right to terminate the contract on immediate notice, if the vendor fails to comply with this clause for more than one instance.

41. Liquidated damage/demerge: - The time for the date of delivery/ dispatch stipulated in supply order shall be deemed to be the essence of the contract and if the supplier fails to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch in the supply order, liquidated damages may be deducted from the bill @ 0.5% per week subject to maximum of 10% of the value of the delayed goods or services under the contract. The competent authority of the institute may also cancel the supply at the cost & liability of the supplier. In such a case, bid security of the supplier shall stand forfeited. The supply of equipment must be in single consignment, inclusive of all parts & accessories in adherence to the specification so as to make the equipment fully functional at the time of the installation. No installation repeat shall be signed in case of absence of any part as per the specification.

42. Legal Jurisdiction: -The Courts at Rishikesh/ Dehradun alone and no other Court will have the jurisdiction to try the matter, dispute or reference between the parties arising out of this tender/supply Order/contract.

Applicable Law:

43. The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings / processing.

44. Any disputes are subject to exclusive jurisdiction of Competent Court and Forum in Rishikesh/Dehradun, Uttarakhand India only.

45. Except as otherwise provided under this Contract for immediate termination of the Contract, in the event of a disputes which may be arising out of the execution of the tender contract, the matter will be referred to the Deputy Director (Administration). Appeal against the decision of the DDA will lie to the Director, AIIMS Rishikesh and his decision shall be final and binding upon both the parties.

46. At the time of awarding the contract, the purchaser reserves the right to increase or decrease up to twenty-five (25%), the quantity of goods (round of to nextwhole number) without any change in the unit price and other terms & conditions quoted by the bidder.

I / We hereby accept the terms and Conditions given in the tender

(Signature & Stamp of the bidder)

Note- Please sign each page of document including terms & conditions & tender

(B) Financial terms and conditions

1. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
2. Rates quoted should be inclusive of all applicable taxes, packing, forwarding, postage and transportation charges at for AIIMS Rishikesh (Site of installation/Use). Rates should be mentioned both in figures and in words.
3. The supplier has to submit a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- that the bidder has not quoted the price higher than previously supplied to any government Institute/Organisation/reputed Private Organisation or DGS&D rate in recent past. Therefore, if at any stage it has been found that the supplier has quoted lower rates than those quoted in this tender; the Institute (the purchaser) would be given the benefit of lower rates by the Supplier and any excess payment if any, will become immediately payable to the AIIMS, Rishikesh. If such affidavit is not submitted, tender will be out rightly rejected. **(Part of technical bid)**
4. **Guarantee / Warrantee Period:** The Tenderers must quote for 5 years' comprehensive warranty (Including all Spares, Accessories software application, if any and Labour) from the date of completion of the satisfactory installation. The warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected. Also the bidders are requested to submit their quote (Rates) for subsequent 5 years Comprehensive Maintenance Contract (CMC) (Including All Spares, Accessories software application, if any and Labour). Failure to comply this condition will entail the rejection of the bids. The price comparison shall be taken into account on basic price and post warranty CMC.
4. **Custom Clearance:** For the Goods to be imported and supplied, the Institute will provide Custom Duty Exemption Certificate (CDEC) to successful bidder for availing concessional rate of duty as per prevailing Custom Tariff. In case, the bidder requires CDEC certificate, then the same should be specifically mentioned in the bid. The supplier is solely responsible for getting the material clearance from customs. Institute will provide all custom documents for custom clearance on the demand of supplier. The supplier undertakes to fully co-operate to avoid any fine, demurrage or other charges and shall indemnify AIIMS Rishikesh in case of any such failure. Transportation of goods up to AIIMS, Rishikesh and its successful installation and commissioning demonstration (and training, if required) is also the responsibility of the supplier. All charges/ expenses incurred in this process will be borne by the supplier and after submission of deposit slips of custom clearance and transportation charges will be reimbursed to the supplier if said provisions are to be shown separately in the financial bid.
5. **Payment terms:** -If the supplier supplied the requisite item within stipulated time and installation is pending on the part of AIIMS Rishikesh on various reasons, up to 90 *per cent* payment against supply can be made by the AIIMS Rishikesh on the case wise only, but will not be considered as precedence in all cases.
(A)Payment Term for Imported goods: For imported goods payment shall be made in the following manner:
 - a) On shipment: 75 % payment of the contract price shall be paid 60 days after presentation of shipping documents {goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country} and upon the submission of the following documents: -

- I. Four copies of Supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
 - II. Original and four copies of the clean, on-board Bill of Lading/ Airway bill, marked freight prepaid and four copies of non-negotiable Bill of Lading/Airway bill.
 - III. Insurance Certificate;
 - IV. Certificate of origin by the chamber of commerce of the concerned country;
 - V. Certificate of country of origin;
 - VI. Manufacture's / Supplier's warranty certificate;
 - VII. Manufacturer's own factory inspection report.
- i. **On Acceptance:** 25 % payment would be made after satisfactory installation, commissioning, demonstration and training, if required on issuance of Inspection certificate by the AIIMS, Rishikesh.

B) PAYMENT TERMS FOR INLAND GOODS

(Seventy-five) 75% Payment of the contract price shall be paid on receipt of goods condition and upon the submission of the following documents: -.

- (i) One Original and Four Copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount.
- (ii) Final Acceptance as per Inspection report issued by faculty.
- (iii) Two copies of packing list identifying contents of each package.
- (iv) Inspection Certificate issued by the user concerned department.
- (v) Final Acceptance Certificate issued by the Institute

On Acceptance: -

- (i) Balance Twenty-Five (25) % payment would be made against 'Final Acceptance Certificate' as per Para (B) (i) &(v) of goods to be issued by the consignee's subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise.
6. **L1 Clause:** L1 firm will be decided on the basis of Total Price in addition with the CMC charges quoted by the firm. The CMC charges should be quoted separately in format provided in pdf.

NO DEMURRAGE / WHARFAGE CHARGES WILL BE PAYABLE BY THE INSTITUTE UNDER ANY CIRCUMSTANCES. NO ADVANCE PAYMENT WILL BE PAYABLE FOR CUSTOM CLEARANCE/ FREIGHT/INSURANCE ETC

Note: In case of any dispute regarding award of tender, decision of AIIMS Administration would be final.

I / We hereby accept the terms and Conditions given in the tender

(Signature & Stamp of the bidder)

**Rate Contract of Consumable Items (Disposable and Surgical Implants), Department of CTVS
TECHNICAL BID
(Documents to be attached in the “Technical Bid”)**

1. Name, full Address, telephone/mobile number, Email Id of the manufacturer and their authorised dealers/ distributors/Agency.	
2. Specify your firm/company is a manufacturer/ authorised dealer/ distributor/ Agency.	
3. Whether the signature on each page of the tender document and other relevant documents has been made by the bidder or not. (Signature on each page of tender document and other document is necessary)	
4. Name, Address & designation of the authorized person(s) (Sole proprietor/partner /Director)	
5. Clarification/declaration of Power of Attorney/authorization for signing the bid documents (It is not required in case of sole-proprietorship.)	
6. PAN No. (Please attach scanned copy)	
7. GST/VAT/Service Tax Registration Number. (Please attach copy)	
8. Turnover	
a. Please attach balance sheet (duly certified by Chartered Accountant) for last three (3) years (Attach copy of annual minimum turnover which should not be less than Rs.60 Lakhs (Rupees Sixty Lakhs only) duly certified by the Chartered Accountant)	
b. The bidder falls under Section 44AD/44ADA/44AE of Income Tax Act shall be required to submit turnover certificate verified by Chartered Accountant with his Registration number issued by Institute of Chartered Accountants of India.	
c. Indian Agent can submit its copy of POs of LC cases, in support of its amount getting short in required turnover.	
d. Start-ups may submit its Start-up Registration for consideration (<i>Relaxation in turnover can be considered as the case may be, subject to fulfilment of other conditions. However, it will not be mandatory</i>)	
9. Please provide a notarised affidavit on Indian Non Judicial stamp paper of Rs. 10/- in the format given in Annexure-1 that you have not quoted the price higher than previously supplied to any government Institute/Organisation/reputed Private Organisation or DGS&D/GeM rate in last two years . If you don't fulfil this criterion, your tender will be out rightly rejected.	
10. Please submit a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- in the format given in Annexure- 2 that they will provide complete warranty for all equipment/items for 5 (five) years followed by CMC for further 5 (five) years of these equipment/items.	
11. Please furnish a notarised affidavit on Indian Non judicial stamp paper of Rs.10/- in the format given in Annexure- 3 that they will supply spare parts & consumables for next 10 years at reasonable price by submission of suitable benchmarks.	
12. Please submit a notarised affidavit on Indian Non judicial stamp paper of Rs. 10/- in the format given in Annexure- 4 that no case is pending with the police against the Proprietor/firm/partner or the Company (Agency). Indicate any convictions in the past against the Company/firm/partner.	
13. Please declare that proprietor/firm/company has never been blacklisted/debarred by any organization. An oath certificate to this effect may be enclosed on Rs.10 notarised Indian Non Judicial stamp paper in the format given in Annexure- 5	
14. Please submit a notarised affidavit for miscellaneous declarations on Indian Non Judicial stamp paper of Rs. 10/- in the format as given in Annexure- 6.	
15. Have you previously supplied these items to any government/ reputed private organization? If yes, attach the relevant poof.	
16. Please submit two performance certificate from your two different customers to whom you have supplied such type of equipment in previous 3 years	
17. Acceptance of terms & conditions attached (Yes/No). Please sign each page of terms and conditions as token of acceptance and submit as part of tender document with technical bid. Otherwise your tender will be rejected.	
18. Details of the FD/DD/TD/CD of bid security (EMD) FD/DD/TD/CD No: Date: Payable at-	Detail of cost of Tender for Rs. 1180/- (if downloaded from website) DD No. Date: Payable at-

NOTARISED AFFIDAVIT
(On Rs. 10/- Non-Judicial Stamp Paper)

TENDER NO.

I, undersigned (name).....(designation)....., duly authorised representative of(name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

Proprietorship/Firm/Company/Agency **has not quoted price in this Tender higher than one** at which goods/services were previously supplied to any government Institute/ Organisation/ reputed Private Organisation or DGS&D rate in last two years. If at any stage it is found that the firm (bidder) has quoted lower rates to any Govt./ Private Institute, Bidder shall be liable to payback access value to AIIMS Rishikesh. AIIMS Rishikesh further reserves right to impose suitable penalty shall be made by AIIMS Rishikesh.

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declaration is true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature:

Name:

Designation:

Aadhaar No:

Email Id:

Mobile No:

Landline No:

Fax No:

Address:

(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclosed)

NOTARISED AFFIDAVIT

(On Rs. 10/- Non-Judicial Stamp Paper)

TENDER NO.

I, undersigned (name).....(designation)....., duly authorised representative of (name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

Undersigned undertake to provide **complete warranty** for all equipment / items for 5 (five) years followed by **CMC for further (5) five years (6th to 10th years)** for these equipment/ items. **(Not applicable for service contract and consumable items/equipment.)**

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declaration is true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature:

Name:

Designation:

Aadhaar No:

Email Id:

Mobile No:

Landline No:

Fax No:

Address:

(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclosed)

NOTARISED AFFIDAVIT
(On Rs. 10/- Non-Judicial Stamp Paper)

TENDER NO.

I, undersigned (name).....(designation)....., duly authorised representative of (name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

We undertake that we will supply spare parts and consumables for next 10 years at reasonable price by submission of suitable benchmark of Institute of national importance/ reputed institute. (Not applicable for service contract and consumable items/equipment.)

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declaration is true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature:

Name:

Designation:

Aadhaar No:

Email Id:

Mobile No:

Landline No:

Fax No:

Address:

(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclosed)

NOTARISED AFFIDAVIT

(On Rs. 10/- Non-Judicial Stamp Paper)

TENDER NO.

I, undersigned (name).....(designation)....., duly authorised representative of..... (name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

No criminal case is pending with the Police against our Proprietorship/Firm/Company/Agency or any of its authorized signatories.

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declaration is true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature:

Name:

Designation:

Aadhaar No:

Email Id:

Mobile No:

Landline No:

Fax No:

Address:

(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclosed)

NOTARISED AFFIDAVIT
(On Rs. 10/- Non-Judicial Stamp Paper)

TENDER NO.

I, undersigned (name).....(designation)....., duly authorised representative of(name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

Proprietorship/Firm/Company/Agency has never been **blacklisted/ debarred** by any organization.

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declaration is true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature:

Name:

Designation:

Aadhaar No:

Email Id:

Mobile No:

Landline No:

Fax No:

Address:

(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclosed)

NOTARISED AFFIDAVIT

(On Rs. 10/- Non-Judicial Stamp Paper)

TENDER NO.

I, undersigned (name).....(designation)....., duly authorised representative of (name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

1. Undersigned is fully competent and authorised from Proprietorship/Firm/Company/Agency to make this Affidavit to bind such Proprietorship/Firm/Company/Agency.
2. All details/information/documents furnished by Proprietorship /Firm/ Company/Agency in bid document is true and correct.
3. Proprietorship/Firm/Company/Agency is fully solvent and legally/financially competent to perform terms and conditions of Tender.
4. Proprietorship/Firm/Company/Agency is duly registered under various relevant government notifications and all dues have been paid as on date.
5. Proprietorship/Firm/Company/Agency hereby agrees and fully understands that notwithstanding anything contrary contained in Tender document and without prejudice to any of the rights or remedies of AIIMS Rishikesh, AIIMS Rishikesh shall be entitled in its sole discretion to determine that a bidder is to be disqualified at any stage of the process and its participation in Tender process and/or its Technical Proposal and/or Financial Bid dropped from further consideration for any reasons.

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declarations are true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature:

Name:

Designation:

Aadhaar No:

Email Id:

Mobile No:

Landline No:

Fax No:

Address:

(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclosed

Undertaking

1. I/We have read and understood the contents of the Tender and agree to abide by the terms and conditions of this Tender.
2. I/We shall supply the items of requisite quality and quantity at given rate in timely manner.
3. I/We also confirm that in the event of my/our tender being accepted, I/we hereby undertake to furnish within 15 days, Bank Guarantee/ Performance Security after the issue of Purchase Order, as applicable, in the format to be provided by AIIMS Rishikesh in addition to execution of a Contract as pre-condition for obtaining the supply orders.
4. I/We further undertake that none of the Proprietor/Partners/Directors of the firm was or is Proprietor or Partner or Director of any firm with whom the Government have banned /suspended business dealings. I/We further undertake to report to the AIIMS Rishikesh immediately after we are informed but in any case not later 15 days, if any firm in which Proprietor/Partners/Directors are Proprietor or Partner or Director of such a firm which is banned/suspended in future during the currency of the Contract with you.
5. I/We undertake that the information given in this tender are true and correct in all respect and I/We hold the responsibility for the same.

(Signature of the Bidder)

Name:

Designation with Seal of the Firm:

**“Rate Contract of Consumable Items (Disposable and Surgical Implants), Department of CTVS”
For
AIIMS, Rishikesh**

Chapter-II (Schedule of requirements& EMD)

Table-I

Details of items & their tentative quantity and EMD

The following items manufactured by Indian/International firms of repute are required.

S.No.	Item	EMD
1	Consumable Items (Disposable and Surgical Implants)	1,00,000 /-

MANUFACTURER's / PRINCIPAL's AUTHORIZATION FORM

(Clause 11 (c) of **other terms and conditions** of the tender)

To

The Administrative Officer,
All India Institute of Medical Sciences
Rishikesh

Dear Sir,

TENDER: _____.

we, _____, who are established and reputable manufacturers of _____, having factories at _____ and _____, hereby authorize Messrs. _____ (*name and address of agents*) to bid, negotiate and conclude the contract with you against Tender No. _____ for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per the conditions of tender contract for the goods offered for supply against this tender by the above firm.

The authorization is valid up to _____

Yours faithfully,

(Name)

For and on behalf of Messrs. _____
(*Name of manufacturers*)/Principal.

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/ CMC SECURITY

To

The Administrative Officer
All India Institute of Medical Sciences
Rishikesh,
Virbhadra Marg,
Rishikesh-249201

WHEREAS _____ (Name and address of the supplier) (Hereinafter called “the supplier”) has undertaken, in pursuance of contract no _____ dated _____ to supply (description of goods and services) (herein after called “the contract”). AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognised by you for the sum specified therein as security for compliance with its obligations in accordance with the contract; AND WHEREAS we have agreed to give the supplier such a irrevocable bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you unconditionally, on behalf of the supplier, up to a total of. _____ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of you to first demanding the said amount of guarantee from the supplier before raising the demand with us. You may directly raise the demand with us, without asking the supplier for the same.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee will not be changed due to change in the constitution of the bank or the supplier.

This guarantee shall be valid up to 65 months from the date of satisfactory installation of the equipment i.e. up to -- ----- (indicate date).

.....
(Signature with date of the authorized officer of the Bank)

.....
Name and designation of the officer

.....
Seal, name & address of the Bank and address of the Branch

Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION

- Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document.
- The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- Bidder should take into account any corrigendum published on the tender document before submitting their bids.

- Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- Please note the Number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG Tender No.: formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- The documents being submitted by the bidders would be encrypted using PKI encryption all techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key

- Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid Tender No.: summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk number 0120-4200462, 0120- 4001002.

01	LV Vent:	<ul style="list-style-type: none"> • Left ventricular vent should consist of round tipped dual lumen tube with lateral eyes, suture collars & proximal funnel connectors used for emptying the Left Ventricle for clearer view during surgery. All sizes.
02	Antegrade Ostial Cardioplegia Cannula - All mentioned Sizes: Sizes: 3.5, 4, 4.5, 5, 5.5, 6 mm.	<ul style="list-style-type: none"> • Antegrade-cardioplegia cannula should be made of soft 100% silicone conduit with distal bulbous end & should have luer lock connector at the proximal end for administration of cardioplegia solution into the coronary ostia.
03	Cardioplegia Cannula Size Infant:	<ul style="list-style-type: none"> • Cardioplegia cannula should be made of soft 100% silicone & 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 & a SS needle with hub. Size: Infant.
04	Arterial cannula for arch cannulation Sizes 20 FR 24 Fr. Sizes- (a) 20Fr, (b) 22Fr, (c) 24Fr.	<ul style="list-style-type: none"> • Should have elongated one-piece wire wound body with radiopaque suture ring and dilator with depth markings.
06	One piece Paediatric Aortic cannula Size 6FR-16 Fr Vented Sizes- (a) 6Fr, (b) 8Fr, (c) 10Fr, (d) 12Fr, (e) 14Fr, (f) 16 Fr.	Should be bevelled with thin wall tips and should be elongated one piece.
07	Aortic Metal Arch cannula vented and Non vented; Pediatric and Adult all sizes	<ul style="list-style-type: none"> • Should be bevelled thin wall, curved metal tips attached to tapered cannula bodies. Should be available in paediatric and adult all different sizes.
08	Angled tip Arterial cannula Sized 8 Fr -24 Fr Pediatric and Adult Sizes- (a) 8Fr, (b) 10Fr, (c) 12Fr, (d) 14Fr, (e) 16 Fr, (f) 18 Fr, (g) 20 Fr, (h) 22Fr, (i) 24Fr	<ul style="list-style-type: none"> • Should be bevelled thin wall tips attached to tapered cannula bodies. Should have kink resistant wire wound bodies.
09	Straight Tip Aortic cannula Sizes 8Fr-24 Fr vented and Non vented; Paediatric and Adult Sizes- (a) 18Fr, (b) 20Fr, (c) 22Fr, (d) 24Fr.	<ul style="list-style-type: none"> • Should be bevelled thin wall tips attached to tapered cannula bodies. Should be available in paediatric and adult sizes.
10	Arterial cannula angled with diffused flow tip Sizes 18 Fr-24Fr. Sizes- (a) 18Fr, (b) 20Fr, (c) 22Fr, (d) 24Fr	<ul style="list-style-type: none"> • Should be one-piece wire wound body with integrated flutes for diffused flow.
11	Femoral one piece Arterial and venous cannula kit Arterial: a) 8Fr b) 10Fr c) 12Fr d) 14Fr e)15Fr f)17Fr g)19Fr h)21Fr	<ul style="list-style-type: none"> • Sizes 8-21 Fr. arterial and 8-29 Fr. Venous cannula • Should be one piece wire wound body. <p>Venous: a) 8Fr b) 10Fr c) 12Fr d) 14Fr e)15Fr f)17Fr g)19Fr h)21Fr i) 23Fr j) 25Fr k) 27Fr l) 29Fr</p>

12	Standard insertion kit for femoral cannulation	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
13	Carpentier Bi-caval femoral venous cannula Sizes : 24/29 Fr, 30/33Fr	<ul style="list-style-type: none"> Should have wire wound kink resistant two stage design
14	Single stage venous cannula with Metal tip Sizes 12-31 Fr. Sizes- (a) 12Fr, (b) 14Fr, (c) 16Fr, (d) 18Fr, (e) 20 Fr, (f) 22 Fr, (g) 24 Fr, (h) 26Fr, (i) 28Fr, (j) 30 Fr.	<ul style="list-style-type: none"> Should have kink resistant wire wound taper body with bevelled metal tip.
15	Femoral Multistage venous cannula <ul style="list-style-type: none"> Sizes: 29/29/29 Fr and 29/46/37 Fr 	<ul style="list-style-type: none"> Should be one piece wire wound multiple side holes body with percutaneous kit.
16	Single stage Venous cannula with right angle Sizes 12-40 Fr Sizes- (a) 12Fr, (b) 14Fr, (c) 16Fr, (d) 18Fr, (e) 20 Fr, (f) 22 Fr, (g) 24 Fr, (h) 26Fr, (i) 28Fr, (j) 30 Fr, (k) 32 Fr, (l) 34 Fr, (m) 36 Fr, (n) 38 Fr, (o) 40 Fr.	<ul style="list-style-type: none"> Should have kink resistant wire wound taper body with tapered multiport tips. be right angled with plastic tip.
17.	Single stage straight venous cannula malleable Sizes 12-40 Fr Sizes- (a) 12Fr, (b) 14Fr, (c) 16Fr, (d) 18Fr, (e) 20 Fr, (f) 22 Fr, (g) 24 Fr, (h) 26Fr, (i) 28Fr, (j) 30 Fr, (k) 32 Fr, (l) 34 Fr, (m) 36 Fr, (n) 38 Fr, (o) 40 Fr.	Should have kink resistant malleable wire wound taper body with tapered multiport tips.
18.	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"> 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.
19.	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.
20.	Aortic root cannula Sizes 4 Fr-11 Fr Sizes: a) 4Fr b) 5Fr c) 7Fr d) 9Fr e) 11Fr	<ul style="list-style-type: none"> Should have radiopaque tips attached to clear PVC bodies. <p>Additional features: aortic root pressure monitoring and left heart venting. Can be used to aspirate air emboli as well administer cardioplegia.</p>
21	Aortic root cannula with Vent line Sizes: a) 4Fr b) 5Fr c) 7Fr d) 9Fr e) 11Fr	<ul style="list-style-type: none"> Should have radiopaque tips attached to clear bodies with separate vent line.

22.	Aortic root cannula pediatric Neonatal Size- 4 Fr	<ul style="list-style-type: none"> • Should be able to aspirate air from Aorta, Should have radiopaque tip and standard 50.5 in length or a shortened 2.5 in.
23.	Cardioplegia needles: Neonatal, Pediatric and Adult Sizes. 5Fr and 8 Fr	<ul style="list-style-type: none"> • 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.
24	Silicon Ostial cannula for continuous perfusion Sizes- 15 Fr, 17 Fr and 20 Fr.	<ul style="list-style-type: none"> • Should have a silicon body with soft bulb shaped tips, should have a female luer connection site.
25.	Ostial perfusion cannula with basket tip and soft convex tip Sizes -10 Fr, 12 Fr and 14 Fr.	<ul style="list-style-type: none"> • Should have flanged, radiopaque basket tips/soft tips attached to malleable stainless steel shafts.
26	Minimally invasive Aortic root cannula with length more than 30 cm	<ul style="list-style-type: none"> • Should have more than 30 cm long body to allow insertion during MICS
27	Minimally invasive retrograde cardioplegia cannula with deflecting tip Sizes - 13 and 15 Fr	<ul style="list-style-type: none"> • Should have tip deflecting models for sinus placement through thoracotomy should be able to allow minimum 10mm sweep. Should be auto/ manual inflatable.
28	Retrograde cardioplegia cannula with Auto inflate Sizes -13 Fr and 15 Fr	<ul style="list-style-type: none"> • Should have silicon/ PVC bodies with auto inflatable cuff and pressure monitoring lines; should have multiport tip/ integral stopcock.
29	Multiple perfusion set	<ul style="list-style-type: none"> • Should have silicon/ PVC bodies with auto inflatable cuff and pressure monitoring lines; should have multiport tip/ integral stopcock.
30	Distal perfusion kit	Should be able to perform simultaneous perfusion of Aortic root and up to 3 or more vein grafts.
31.	Left Heart Vent Catheters Sizes: (a) 10 Fr, (b) 13Fr, (c) 15Fr, (d) 16Fr, (e)18Fr, (f) 20Fr, (g) 24Fr	<p>Should be of PVC or silicon, could be used for direct and indirect venting, should have perforated tip, malleable bodies with depth mark.</p> <p>Should have a choice of either PVC or Silicone along with straight body with depth marking.</p> <p>All vents should terminate with a vented or non vented ¼ in connector.</p>
32	Pericardial Sumps Size 20 Fr	Should feature a fluted tip, should be encased in a stainless steel spring and should have weight at the end.
33	Intra-cardiac sump Size 20 Fr	<ul style="list-style-type: none"> • 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.
34	Suction Tube Sizes 6 Fr,10Fr and 20 Fr	Should have variety of cardiac suction tubes, intracardiac suction tubes & rigid suction tubes.

35	Macro Rigid suction tubes Sizes 20 Fr	<ul style="list-style-type: none"> • Should have tip made up of stainless steel, should have fluted pool tip to maximize suction and minimize tissue trauma, should offer gentle suction.
36.	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.
37	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.
38	Arteriotomy Cannula Sizes - 2mm, 3mm, 4mm, 5mm, 6mm	<ul style="list-style-type: none"> • Should have polyurethane tube with a bulb shaped tip connected to winged female luer.
39	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.
40	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.
41	SPECIFICATION FOR ADULT OXYGENATOR	<ul style="list-style-type: none"> • Priming volume should be less than 300 ml. • Blood flow range should be 0-7lts/min. • Oxygen transfer should be atleast 400ml/min. • Heat exchange efficiency should not be less than 0.50. • Housing material should be of polycarbonate. • Surface area of the fibers should be from 1.8m² to 2.4m² • Heat exchanger should be made of stainless steel and surface area should be approx. 20cm² • Blood inlet port (from pump) 3/8 • Blood outlet port 3/8 • Cardioplegia port 1/4 • GasInlet port 1/4 • Gas Outlet port 1/4 • Water Ports 1/2 • Maximum Pressure Blood inlet 1000 mmHg water Inlet 42 PSI • Blood storage capacity of hard shell reservoir should be approx. 4000ml • Minimum operating volume of reservoir should be 200ml. • Hard shell reservoir should have cardiotomy filter and de-foaming part • Hard-shell reservoir should have venous filter with pore size 452mm • The hard-shell reservoir should have Venous blood inlet port 1/2 • Blood outlet port (to pump) 3/8 • Suction ports (six) 1/4 • Water Inlet 42 PSI • Vertical port to CR Filter 1/4 • Quick Prime port 1/4 • Auxiliary port 1/4-3/8 • Sustainable negative pressure should be 15010mmHg .

42	SPECIFICATION FOR PEDIATRIC OXYGENATOR	<ul style="list-style-type: none"> • Priming volume should be less than 150ml. • Blood flow range should be 0.40-0.01ltrs/min. • Oxygen transfer should not be less than 250ml/min. • Pressure drop should be least-up to 100mmHg or less. • Heat exchange efficiency should not be less than 0.65. • Housing material should be of polycarbonate. • Surface area of the fibers should be approx 1.0m². • Heat exchanger should be made of stainless steel and surface area should be approx 1300cm². • Blood inlet port 3/8 Blood outlet Port 3/8 Cardioplegia port 1/4 Gas Inlet Port 1/4 Gas Outlet port 1/4 Water Port 1/2 Maximum Pressure Blood inlet 1000mmHg, Water Inlet 42 PSI • Blood Storage capacity of hard shell reservoir should be max 3000ml. • Minimum operative volume of hard shell reservoir should be 100ml. • Hard-shell reservoir should have cardiotomy filter and defoaming part. • Hard-shell reservoir should have venous filter with pore size should be 20mm • The hard-shell reservoir should have • Venous blood inlet port 3/8 rotatable • Blood outlet port (to pump) 3/8 • Suction port(six) ¼ • Vertical port to CR filter 3/8 • Quick prime port ¼ • Auxiliary port 3/8 Water Inlet 42 PSI
43	SPECIFICATION FOR ADULT OXYGENATOR (Integrated with arterial filter & heat exchanger)	<p>Oxygenator should have integrated arterial filter with cardiotomy/ venous reservoir.</p> <ul style="list-style-type: none"> • Should have integrated arterial filter with self venting technology. • Heat exchanger surface area should be no more than 0.2m². • Venous filter should be 50 micro meter. • Priming volume should not be more than 350ml. • 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 m².
44	SPECIFICATION FOR SMALL ADULT OXYGENATOR (Integrated Filter and Heat Exchanger)	<p>Oxygenator should have integrated arterial filter with cardiotomy/venous reservoir.</p> <ul style="list-style-type: none"> • Should have integrated arterial filter with self venting technology. • Heat exchanger surface area should be no more than 0.14m². • Venous filter should be 50micro meter. • Priming volume should not be more than 150ml • Blood flow range should be 0.5 to 5 LPM. • Heat exchange efficiency should not be less than 0.5 max flow @ 5 LPM • Pressure drop should be minimum up to 110 mmHg or less. • Arterial filter should be 35micro meter.

45	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"> • Membrane used should be of polymethylpentene fibers. • Should have priming volume of ≈250ml. • Should have contact surface area of 1.7-1.9 square meters. • Should cater for blood flow from 0.4 to 7 liters/ min. • Heat exchanger should have surface area of ≈0.8square meter. • Heat exchanger performance factor should be ≈0.6 (@ 4 liters /min). • Oxygenator and tubing should have coating of Phosphorylcholine.(PC) • Inlet and outlet connections preferred is 3/8 (9.53 mm)
46	PEDIATRIC ARTERIAL FILTER WITH BYPASS LOOP	<p>The Arterial Filter should be for pediatric use. Priming volume should not be more than 90ml Filter pore size should be 30- 40 micron.</p> <p>The outlet and inlet blood posts should be 3/8 or ¼". The filter should allow maximum blood flow rate of 4.0 to 5.0 L / min The filter should be provided with a bypass loop at the inlet and outlet port.</p>
47	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.</p> <p>Inlet connection should be ¼and outlet connection should be 3/16. Heat exchange surface area should be ≈.20m².</p> <p>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 Exchangeable water in /water out Blood flow path bottom up It should have a Stopcock Prime/ Perfusion for easy priming. It should have tip in the surgeon pack so that it can be connected to cardioplegia cannula. It should be available both in 4:1 and 1:4 configurations.</p>
48	SWAN GANZ PA CATHETER INTRODUCER KIT SET	<ul style="list-style-type: none"> • Percutaneous Sheath introducer set should have bonded hemostasis valve & side port along with .035 x 45 cm straight & "J" tip guide wire for introducing 7.5 Fr& 8.0 Fr PA Catheter. • It should have sheath diameter of 8.5 F & sheath length of ≈11 cm. It should be made of radiopaque polyurethane & should have a coating of Heparin as well as antimicrobial material (Benzalkonium Chloride) on entire sheath surface. • It should come with 1 catheter contamination shield, ≈80 cm in length. • It should have one 4-waystopcock, one vessel dilator & four 4x 4gauze pads.One disposable scalpel, # 11 blade & one 18 ga x 2 ½ thin wall needle.

49	SWAN GANZ THERMODILUTION VIP CATHETER	<p>Flow directed 5-lumen balloon tipped pulmonary artery catheter. 7.5 Fr in diameter & ≈ 110 cm in length • It should have a coating of Heparin as well as antimicrobial material (Benzalkonium Chloride) on entire catheter surface. • Should be able to give Cardiac output using Thermo dilution method • Should be able to give PA pressure, PAWP & RA Pressure when connected to trasducer. • Should have proximal infusion & proximal injectateports at ≈31 cm &≈30 cm respectively. • It should come with one volume-limiting syringe of 1.5cc for balloon inflation.</p>
50	SWAN GANZ PA CATHETER	<ul style="list-style-type: none"> • Flow directed 3 lumen balloon tipped pulmonary artery catheter, 7 Fr in diameter & ≈110 cm in length • Should be able to give PA pressure, PAWP & RA Pressure when connected to transducer. Should have proximal infusion port at 30 cm. Recommended guide wire size 0.89 mm. • It should come with one volume-limiting syringe of 1.5cc for balloon inflation. 12.
51	AORTIC PUNCH	<p>Should have Sharp, dual cutting edge for clean, precise removal of aortic tissue</p> <ul style="list-style-type: none"> • should have a conical tip or round / elliptical tip for easy insertion by straight or button hole technique. • Punch should be available with tapered cutting blade to increase visibility. • Should be available in all functional sizes • Should have long and short handle configuration
52	<p>Aortic punch Long handle</p> <p>Sizes: a) 2.7mm b) 3.5mm c) 4.0mm d) 4.5mm e) 5.0mm f) 5.5mm g) 6.0mm</p>	<ul style="list-style-type: none"> • Size: 2.5cm to 6cm • Should have sharp dual cutting edge for clean, precise removal of aortic tissue. • A conical tip should be there for easy insertion by straight or button hole technique. • Ten blade sizes for trimming to desired size and shape 2.5mm – 6.0mm
53	<p>Coronary artery retraction clips</p> <p>Sizes - 3mm and 5mm</p>	<ul style="list-style-type: none"> • 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.
54	Temporary pigtail pacing wire	<ul style="list-style-type: none"> • Should include unipolar atrial and ventricular pacing, pediatric unipolar pacing, and the bipolar pacing lead.

55	Pacing wire	O -26mm, 1/2 circle taper point, 88 mm straight cutting breakaway needle, 2-0 , 17 mm 3/8 circle, Taper point , with distal breakaway needle.3-0 26 mm,1/2 circle taper point, 60 mm straight cutting needle
55	Tissue Stabilizer for beating heart	<ul style="list-style-type: none"> • Should be a low profile tissue stabilizer with auto spread feature of pods.
56	Heart positioner for beating heart	<ul style="list-style-type: none"> • Should be a low profile positioner for apex and off apex position use/ to lift the heart.
57	Tissue Stabilizer for Minimally invasive beating heart surgery.	<ul style="list-style-type: none"> • Should be stabilizer to be used via thoracotomy with detachable shaft and should have fully rotating pods.
58	Heart positioner for Minimally invasive beating heart surgery	Should be a positioner with detachable shaft for MICS via thoracotomy.
59	Mist Blower	<ul style="list-style-type: none"> • 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.
60	Arteriotomy shunts (Intra Coronary Shunts) <ul style="list-style-type: none"> • Sizes 1.0, 1.25, 1.5, 1.75, 2.0, 2.5, 2.5, 2.75 & amp; 3.0mm. 	<ul style="list-style-type: none"> • Should be beveled tip. • Should have fully transparent body.
61	ARTIFICIAL HEART VALVE BILEAFLET MITRAL Sizes: 23mm, 25mm, 27mm, 29mm, 31mm, 33mm	Should be Made up of pure Pyrolytic carbon Should have optimal profile height Should have 80-90 degree leaflet opening angle should have flared inlet at inflow Should have wide range of sizes from 23 mm to 33 mm
62	ARTIFICIAL HEART VALVE SINGLE LEAFLET MITRAL Sizes: 23mm, 25mm, 27mm, 29mm, 31mm, 33mm	Should be Made up of pure Pyrolytic carbon Should have optimal profile height Should have 80-90 degree leaflet opening angle should have flared inlet at inflow Should have wide range of sizes from 23 mm to 33 mm
63	MECHANICAL BILEAFLET AORTIC HEART VALVE Sizes: 19mm, 21mm, 23mm, 25mm, 27mm, 29mm	Should be Made up of pure Pyrolytic carbon Should have optimal profile height Should have 80-90 degree leaflet opening angle should have leaflet guard design should have flared inlet at inflow Should have wide range of sizes from 19 mm to 29 mm
64	MECHANICAL SINGLE LEAFLET AORTIC HEART VALVE Sizes: 19mm, 21mm, 23mm, 25mm, 27mm, 29mm	Should be Made up of pure Pyrolytic carbon Should have optimal profile height Should have 80-90 degree leaflet opening angle should have leaflet guard design should have flared inlet at inflow Should have wide range of sizes from 19 mm to 29 mm

65	Porcine Bio Prosthetic Heart Valve Aortic and Mitral	Should be Native Stented Porcine Valve Should have T-6 Anti Calcification to reduce calcification Should come in all sizes Should have clinical papers on survival rates for more than 25 years.
66	VASCULAR GRAFT (PTFE/ Ringed PTFE/Dacron)	all sizes and different diam (Both straight & Y configuration). For restoring vascular continuity
67	Unipolar Temporary Myocardial Pacing Lead	Should have fixation coil to minimize tissue trauma Should have discrete Electrodes for reliable sensing and pacing Should have Silastic Fixation Disc for arterial placement Should have sleeve insulating connector pins when in use
68	THRU LUMEN FOGARTY CATHETER Sizes: 2Fr, 3Fr, 4Fr, 5Fr, 6Fr, 7Fr, 8Fr	<ul style="list-style-type: none"> • Vinyl Latex Balloon tipped catheter for Arterial Embolectomy procedure. • Usable length 60- 80 cm. • Second lumen for guide wire compatibility facilitating crossing occluded, tortuous & stenotic arterial wall OR to be used for drug delivery & blood sampling. • Stainless steel bushes under proximal & distal balloon windings for visualization under fluoroscopy. • Recessed winding technique for balloon attachment for maintaining balloon symmetry for uniform contact with vessel wall, providing consistent clot removal
69	FOGARTY ARTERIAL EMBOLIC CATHETER Sizes: 2Fr, 3Fr, 4Fr, 5Fr, 6Fr, 7Fr, 8Fr	<ul style="list-style-type: none"> • Vinyl Latex Balloon tipped catheter for Arterial Embolectomy procedure. • Usable length 60-80 cm, Size 2F to 8F. • Recessed winding technique for balloon attachment for maintaining balloon symmetry for uniform contact with vessel wall, providing consistent clot removal
70	VAMP Plus/ DPT Combination Kits (blood sampling kit)	Device combination kit with in line closed reservoir for infection free blood sampling along with disposable pressure transducer. It should have 60" patient tubing with two blood sampling sites located 13" and 55" from the patient; pole mountable with needleless shielded cannula
71	CUSTOMISED Tubing Pack with arterial filter Adult and pediatric both	Made from non-toxic medical grade P.V.C. tubing, Consists of complete set of tubes, connectors and accessories, siliconized arterial pump head Suction / Gas Line 1/4 "
72	LEUCOCYTE REDUCING BLOOD TRANSFUSION SET:	Blood set should have drip chamber and filter with proven leucocyte reduction properties for leucocyte free blood transfusion for organ transplant use. 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.
73	Surgical Adhesive GLUE	BSA (Bovine Serum Albumin) & glutaraldehyde in the ratio of 4:1 surgical glue • Thrombin Free • Biodegradable and Biocompatible1 • Simple, ergonomic design allows for unmatched preparation and ease of use. • No reconstitution or manual mixing • NO NEED OF Room temperature storage - No warming/thawing • Open and use - Ready in just seconds • SHOULD BE Sets up in 20-30 seconds and reaches full strength in just two minutes • SHOULD BE Seals anastomoses, reinforces

		friable tissue, and adheres dissected tissues together used for sealing, adhering and reinforcing tissue
74	SPECIFICATION FOR ADULT HEMOCONCENTRATOR	The priming volume should be 70 ml • Effective surface area of the fibers should be $\approx 1m^2$. • Blood port should be $\frac{1}{4}$ With Luer locks • Filtrate port should be $\frac{1}{2}$ (1/4adapter). • Blood flow range should be 100-500ml. • Maximum Trans-membrane pressure should not be more than 500mm Hg. • It should have tubing with reservoir bag.
75	SPECIFICATION FOR PEDAITRIC HEMOCONCENTRATOR	It should have priming volume approx 35ml. • Effective surface area of the Fibers should be approx $0.5m^2$. • Blood port should be $\frac{1}{4}$ with Luer locks. • Filtrate port should be $\frac{1}{2}$. • Maximum Trans-membrane Pressure should be 500mm Hg. • It should have tubing lines along with reservoir Bag.
76.	Tricuspid Repair Ring	• Sterile double packed tricuspid rigid ring with an anterior gap with polyester or PTFE cloth with marking for commissures. • Should have an oval shape and opening for AV node. • Sizes 26mm, 28mm, 30mm and 32mm.
77.	DACRON MARKING PATCH (Filamentous Fabric)	• Should be Nominal Thickness; around 0.6 mm • Water permeability; approximately 1800ml • Popularly known as "MARKING PATCH" • Markings arrow should indicate, in which direction the patch is to be stitched. • Sizes 2" x 2", 4 x4" and 6x6 ' inches
78.	Regular Wall Patch of PTFE	• Should have multidirectional node fiber structure to accommodate cellular in-growth. • Should be soft & pliable for easy surgical positioning. • No Pre clotting should be required. • Should have excellent biocompatibility for cardiac & vascular repairs and peripheral vascular reconstruction. • Thickness – 0.6mm • SIZES:- 3CM X 3CM,
79.	e PTFE stretch re-in forced removable ringed thin wall vascular graft	Size: 6mm/8mm diameter x 50cm/70cm/80cm length
80.	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 manoeuvrability. Specially designed for putting purse string sutures, made of medical grade PVC. Sizes Adult & Pediatric.
81.	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 peelable pouch pack. Sizes required: Sizes: 16, 20, 24, 28, 32, 36, 40 F
82.	Thoracic catheter Right Angled (90°)	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

83	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.
84.	DISP. BULL DOG CLAMPS ALL SIZES	Disposable' bull dog' clamps for temporary occlusion of vascular structures. Atraumatic.Made with standard quality plastic. Should be ETO sterilisable for repeated use.
85.	Carotid Shunts:	Should have A Wide selection for Carotid Endartrectomy procedures. SHUNTS should be available in various sizes and lengths, including Straight, Tapered and "T" Design to add versatility in use.
86.	Steel wire for sternal closure	No.2, 5 , 6 with cutting/taper point/blunt tip & Circle bby needle- Pack of 4 or 2 in per set
87.	PTFE Felt	Uniquely designed to provide non-absorbent tissue protection during the suturing process. Should be available in a variety of sizes and shapes, including sheets.
88.	Bovine Pericardial patch	Ready to use after standard rinse duration. Easy to suture with dependable suture retention. Tissue thickness: 0.5 mm +/- 0.25 mm
89.	Papaverine Hydrochloride Injection	Papaverine Hydrochloride in vials containing 30 mg/mL. Each vial should also contain edetate disodium 0.005%. The 10 mL vials should also contain chlorobutanol 0.5% as a preservative. pH may be adjusted with sodium citrate and/or citric acid.
90.	Integrated Valved conduit	Integrated valved conduit for reconstruction or replacement of the natural right ventricular outflow tract (RVOT) or replacement of a failed homograft or composite pulmonary conduit in patients
91.	Valsalva conduit	Used to treat combined aortic valve and ascending aorta disease, consists of the Valsalva Conduit, a base and the Aortic Pericardial Heart Valve.