

# All India Institute of Medical Sciences

Veerbhadra Marg, Pashulok,

Rishikesh-249203



**Tender document for Rate Contract for  
Procurement of Dialysis Consumable items for  
Department of Nephrology, at AIIMS Rishikesh**

Ref. No.	:	24/RC/Dialysis Consumbale/ 632 /2021-RISH (ADMN)
Publishing Date	:	25-09-2021
Pre-Bid Meeting	:	01-10-2021 at 03:00 PM
Bid Submission Start Date	:	03-10-2021
Last Date of Bid Submission	:	18-10-2021 at 03:00 PM
Bid Opening	:	19-10-2021 at 03:00 PM

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

**TENDER NOTICE**  
**For**  
**Rate Contract for Procurement of Dialysis Consumable items for**  
**Department of Nephrology at AIIMS Rishikesh**

**Dated: 25-09-2021**

1. E-tenders on 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 distributor/dealers for providing Dialysis consumable items for department of Nephrology for a period of **Two + One (02+01) year**, 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 in 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](tel: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 tender fee etc. must be delivered to AIIMS Rishikesh on or before last date/time of Bid Submission as mentioned above. Bid without tender fee will be summarily rejected. Scanned copy of Tender fee should be attached with 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 stamped by authorised signatory 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](http://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 enclosed document with proper numbering. Secondly, bid should also attach a compliance sheet as per specification mentioning that they are complying with all specification or have any deviation.

10. The pre bid conference would be held 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.

**Administrative Officer**  
**AIIMS, Rishikesh**

**NOTICE INVITING TENDER FOR Dialysis Consumable items for  
Department of Nephrology**

The Director, AIIMS, Rishikesh invites online tenders under Two-Bid system from manufacturer/ distributor/ sole agent, having capacity to provide consumables to be procured for AIIMS, Rishikesh for a period of two years through open tendering system extendable up to 01 year depending upon the performance.

Name of work & file reference	(T. No 24/RC/Dialysis Consumbale/ /2021-RISH (ADMN)  Rate Contract for Procurement of Dialysis consumable items for Department of Nephrology at AIIMS, Rishikesh (Two-Bid System)	Remarks
Tender cost (in Rs.)	Rs.1180/-	In the form of DD
EMD/Bid Security (in Rs.)	<b>Bid Security declaration form</b>	Attached at Annexure A(I)
Turnover	Rs. 75 Lakhs	Average of last three FY (2019-10, 20-21, 21-22)
Security Deposit	<u>03% of Annual value of contract</u>	In the form of FD, BG, TD, CD

The tender form shall be available on AIIMS, Rishikesh website ([www.aiimsrishikesh.edu.in](http://www.aiimsrishikesh.edu.in)) from where it can be downloaded and a demand draft of Rs 1180/- (Rupees one thousand one hundred eighty only) in favour of AIIMS, Rishikesh payable at Rishikesh should be submitted at the time of submission of tender form (**COST OF TENDER FORM**).

Last date for submission/receipt of tender(s) is up to \_\_\_\_\_ at \_\_\_\_\_ and technical bids will be opened by the Tender Committee in the presence of tenderers or their authorized representatives who wish to be present on \_\_\_\_\_ at \_\_\_\_\_ in the Tender Office All India Institute of Medical Sciences, Rishikesh. In case, any holiday falls on the day of opening, the tenders will be opened on the next working day at the same but the tender box will be sealed on same day and time, as scheduled above. The tenders received after the above said scheduled date and time will not be considered. No tender by fax will be entertained.

### **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 enrol 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 Enrolment” 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 payment option as “offline” to pay tender fee as applicable and enter details of instrument.
- 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.

### **Note:**

- **As per clarification sought from ministry of MSME vide F.no.21(11)/2018- MA dated 31<sup>st</sup> December 2018, “Traders/Sole Agents/ Distributers are excluded to avail the facilities/ Benefits extended under the Public Procurement for Micro and Small Enterprises (MSMEs)**

**Ref: As circulated in Office Memorandum No. F.No.22(1)/2012-MA dated 24<sup>th</sup> October, 2016 in FAQs, Question No. 18.**

**Conditions of Contract**

**(A) General terms and conditions**

1. All duly filled/completed pages of the tender document 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.
2. Any omission in filling the columns of Financial Bid form (Schedule of Rates) shall debar a tender from being considered. Rates should be filled 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.
3. **Bid Security:** - All Bidders are required to sign “Bid Security Declaration” as per format given in Annexure- A(I) and submit the declaration with Technical bid.
  - a. Declaration of Udyog Aadhar Memorandum (UAM) number by vendors on CPPP is mandatory. bidders who fail to submit UAM number shall not be able to avail benefits available to MSE’s.
4. Bidders are not allowed to submit more than one bid for same/similar tendered item else all his bids shall be cancelled thereby resulting in disqualification in addition to suspension for one year.
5. Bid shall be valid and open for acceptance by competent authority of AIIMS Rishikesh for a period of 180 (one hundred eighty) days from published date of opening of tenders and no request for any variation in quoted rates and / withdrawal of tender on any ground by bidders shall be entertained. unilateral **withdrawal** at any stage will cause suspension of one year in addition to any remedy that purchaser may have under law.
6. To assist in the analysis and evaluation of bids, the Competent Authority, may ask bidders individually or jointly for clarification of their bids. The request for Clarification and the response shall be in writing but no change in the price or material/ substance of the bid offered shall be permitted.
7. After evaluation, the work shall be awarded normally to the Agency fulfilling all the terms and conditions of the contract and who has quoted the lowest rate as per financial bid after complying with the all relevant Acts / provisions as stated / referred for adherence in the tender document.
8. 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 address their queries only in pre-bid meeting. AIIMS, Rishikesh also reserves the right to reject any bid which in its opinion is non-responsive or violating any of the conditions/specifications without any liability or any loss whatsoever.
9. Tender must be submitted in the prescribed format otherwise tender may be cancelled straightway.
10. The tender form is not transferable.

11. Canvassing in any form is strictly prohibited and the tenderers who are found canvassing in any form are liable to have their tenders rejected out rightly.
12. It is required from all concerned, namely the Bidders/Suppliers, to observe highest standard of ethics during the process of procurement and execution of this Tender.
13. In case the quality of goods supplied are not in conformity with the standard given in tender document 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 as per quality standards set in tender document, without any delay. The competent authority reserves all rights to reject the goods if the same are not found in conformity with required description / specifications and liquidated damages shall be imposed in addition to the cost of re- tender.
14. In case the kits failed to give results, bidder to 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 vendor 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 ordered goods the supply order may be cancelled and bid security deposit will be forfeited.
15. 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 to the notice of the competent authority on separate Letter Head of the firm. It would be at the discretion of the competent authority of the institute to accept or reject such deviations which are not in conformity with required.
16. 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.
17. The bidders should furnish 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 summarily rejected.
18. **Turnover provisions:** -
  - a. The tenderers should submit along with the tender, a certified photo state copy of the last three years Annual Accounts with Audited 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.
- b. 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.
  - c. 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 of 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.
19. **Sample/demonstration:** - Bidder is required to supply sample/performing demonstration, tenderer will have to submit sample of the item before the competent authority of the institute, the bidder will have to bear all 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.
20. 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, bidder may be disqualified.
21. **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.
22. If there is a close system the tenderer shall ensure and will have to submit an affidavit on 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.
23. 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.
24. **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 any consignment within the period prescribed for such delivery 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.
25. **Legal Jurisdiction:** -The Courts at Rishikesh/ Dehradun alone and no other Court will have the jurisdiction to try the matter, **in case of** dispute or reference between the parties arising out of this tender/supply Order/contract.

**Applicable Law:**

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.

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

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 may be filed before the Director, AIIMS Rishikesh and his decision shall be final and binding upon both the parties.

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

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*(Signature & Stamp of the bidder)*

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

**Appendix to Information to Bidders:**

**Local content policy:**

- a. Purchase Preference for Evaluation: The Purchaser reserves the right to give the price preference to small-scale sectors etc. and purchase preference to central public sector undertakings as per the instruction in vogue while evaluating, comparing and ranking the responsive Bids.
- b. Purchase Preference to Local Suppliers: In pursuance of Government of India Order No. P-45021/2/2017-B.E.-II dated 29th May, 2019 and F.No.: Z. 28018/67/2017-EPW dated 12th June 2018 purchase preference shall be given to local suppliers in all procurements undertaken in the manner specified hereunder and the procurement shall be made as per terms and conditions contained in the said order.
- c. Minimum local content: The minimum local content shall as per Government of India Order No. P-45021/2/2017-PP (B.E.-II) dated 16th September, 2020 and related earlier orders, till the Nodal Ministry prescribes a higher or lower percentage.
- d. Margin of Purchase Preference: The margin of purchase preference shall be 20%. The Local supplier whose quoted price falls in the margin of purchase preference desirous of claiming benefit of the Order No. P-45021/2/2017-PP (B.E.-II) dated 16th September, 2020 shall submit an undertaking within 7 days of opening of financial bid, that he would be ready to supply the product at L1 price. In case of non-receipt of the same, he would not be given purchase preference.
- e. The bidders are required to submit the following annexure in compliance of public procurement (Preference to Make in India) order, 2020: i) Affidavit of self-certification regarding local content (to be provided on Rs. 100/- stamp paper) Annexure-III. of financial bid, that he would be ready to supply the product at L1 price. In case of non-receipt of the, he would not be given purchase preference.
- f. All other terms & conditions will be as per the Department of Industrial Policy and Promotion (DIPP) order No. P-45021/2/2017-PP (B.E.-II) dated 16th September, 2020.

**Relaxation for Start-ups:**

All other terms & conditions will be as per the Department of Expenditure, Ministry of Finance D.O. letter No.12(11)/2017-SI dated 22.06.2017 and Clause 03 of Department of Industrial Policy and Promotion (DIPP) O.M. No.F.2012/02/ 2014-PPD (pt.) dated 20.09.2016.

Brochure, original technical catalogue with detailed specification and picture of the product offered, if relevant.

**(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 is 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 summarily rejected. (*Part of technical bid*)
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 demand of supplier. The supplier will undertake to fully co-operate to avoid any fine, demurrage or other charges and shall indemnify AIIMS Rishikesh in case of any such failure/ loss. 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 supplies the requisite item within stipulated time and installation is pending on the part of AIIMS Rishikesh for various reasons, up to 50 *per cent* payment against supply can be made by the AIIMS Rishikesh on case to case basis, 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: 50 % payment of the contract price shall be paid within 60 days after presentation of shipping documents {goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favor 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: 50 %** 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**

**(Fifty) 50%** Payment of the contract price shall be paid on receipt of material in good 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 the concerned 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 **Fifty (50) %** 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 Unit Price quoted by the firm.  
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 the competent Authority of AIIMS would be final.**

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

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(Signature & Stamp of the bidder)

**Rate Contract for Dialysis Consumable items**

**For department of Nephrology.**

**TECHNICAL BID**

**(Documents to be attached in the “Technical Bid” for Administrative Evaluation)**

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. ( <b>Signature on each page of tender document and other document is necessary</b> )	
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 of PAN card of firm)	
7. <b>GST Registration Number.</b> (Please attach copy)	
8. Please attach certified copy of last three year’s Income Tax Return.	
<b>9. Turnover</b> a. Please attach balance sheet (duly certified by Chartered Accountant) for last three (3) years (average minimum turnover for last three years should not be less than Rs Seventy five Lakhs (75,000,00,-). Submit last three year’s turnover statement duly certified by the Chartered Accountant <b>in the format shown in Annexure- A</b> ). 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> )	
10. Bidders are required to sign “Bid Security Declaration” on firm’s letter head as per format given in Annexure- A(I)	
11. Please provide a notarized affidavit <b>on non-Judicial stamp</b> paper of Rs. 10/- <b>in the format given in Annexure-1</b> 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 <b>last three years</b> . If you don’t fulfil this criterion, your tender will be out rightly rejected.	
12. Please submit a notarised affidavit on Non judicial stamp paper of Rs. 10/- <b>in the format given in Annexure- 2</b> 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 <b>in the format given in Annexure- 3.</b>	
14. Please submit a notarised affidavit for miscellaneous declarations on Non Judicial stamp paper of Rs. 10/- <b>in the format as given in Annexure- 4.</b>	
15. Have you previously supplied these items to any government/ reputed private organization? If yes, attach the relevant poof. (Copy of Invoice)	
16. Please submit Two performance certificate from your two different customers to whom you have supplied such type of consumables 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. Detail of cost of Tender for Rs. 1180/- (if downloaded from website) <b>DD No.</b> <b>Date:</b> <b>Payable at-</b>	

**Format for Affidavit of Self Certification regarding Local Content  
(To be provided on Rs. 100/- Stamp Paper)**

I \_\_\_\_\_ S/o.D/o,W/o \_\_\_\_\_,  
Resident of \_\_\_\_\_ do hereby solemnly affirm and declare  
as under.

That I will agree to abide by the terms and conditions of the policy of Government of India issued vide order no. P-45021/2/2017-B.E.-II dated 15/06/2017.

That the information furnished hereinafter is correct to best of my knowledge and belief and I undertake to produce relevant records before the procuring entity or any authority so nominated by the Government of India for the purpose of assessing the local content.

That the local content for all inputs which constitute the said drugs has been verified by me and I am responsible for the correctness of the claims made therein.

That in the event of the domestic value addition of the product mentioned herein is found to be incorrect and not meeting the prescribed value-addition norms, based on Government of India for the purpose of assessing the local content, action will be taken against me as per Order No. P-45021/2/2017-B.E.-II dated 15.06.2017.

I agree to maintain the following information in the Company's record for a period of 8 years and shall make this available for verification to any statutory authorities:

- i. Name and details of the Domestic Manufacturer (Registered Officer, Manufacturing unit location, nature of legal entity)
- ii. Date on which this certificate is issued.
- iii. Medicine for which the certificate is product.
- iv. Procuring entity to whom the certificate is furnished.
- v. Percentage of local content claimed.
- vi. Name and contact details of the unit of the manufacturer.**
- vii. Sale Price of the product.
- viii. Ex-Factory Price of the product.
- ix. Freight, insurance and handling.
- x. Total Bill of Material.
- xi. List and total cost value of inputs used for manufacture of the medicine certificates from suppliers, if the input is not in-house to be attached.
- xii. List and cost of inputs which and imported, directly or indirectly.

**(Name of firm/ entity)**

Authorized signatory (To be duly authorized by the Board of Director)

**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:



**ANNUAL TURNOVER STATEMENT**

(At the Letter Head of Chartered Accountant)

I/We have examined the books of account and other relevant records of ..... (bidding firm name), having its registered office at ..... (full address of bidding firm) and do hereby certify that:

(1) Annual gross turnover as per Annual Accounts of the firm for last three years is as under-

Sl. No.	Financial Year	Turnover (In INR)
1.	2018- 2019	.....
2.	2019- 2020	.....
3.	2020-2021	.....

(2) Average turnover of the firm for last three financial years is Rs. .... .

Signature of CA (with stamp of Firm) .....

Name- .....

(Registration No.- .....

**(Chartered Accountant)**

**UDIN Number:** .....

Firm name- .....

Proprietor name .....

Signature (with stamp) .....

**Date-** .....

**Bidders are required to sign “Bid Security Declaration” as per format given in Annexure- A(I)**

**Annexure- A (I)**

**Bid Security Declaration Form**

Tender Ref. No. ....

To (Mention full name and address of the purchaser)

I/ We, the undersigned, declare that:

I/ We understand that bids must be supported by a Bid Securing Declaration. Therefore, I/ We accept that I/ We shall be disqualified / suspended from bidding for any contract with you for a period of one year from the date of issue of any such notification if I am/ We are in a breach of any such obligation under the bid conditions that can impair Bid Security by any means, viz.

1. If I/ We withdraw/ modify/ amend/ impair or derogate from our bid(s) during the bid validity period.
2. If, at any stage, it is found that any information/ document provided by me/ us is false or incorrect.
3. If, at any stage, it is found that I / We have submitted more than one bid for the same/ similar tendered item(s).
4. If I/ We get notified that my/our bid is accepted but I/ we fail/deny/refuse to execute the contract as specified under this tender and/ or if I/ We fail to furnish you with the Performance Security Deposit in accordance with the instructions given in the bid document.

Signature with stamp: (signature of the person whose name and capacity is shown below)

In the capacity of: (Legal capacity of the person signing this Bid Security Declaration)

Name: (Full name of the person signing this Bid Security Declaration)

Designation: (Designation of the signing authority in their Firm)

Address: (Complete address of the signing authority)

Bidding Firm Name with full address: (Full name and address of the bidding Firm)

Date & Place: (date & place of signing this declaration)

**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 three 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)*

**Annexure- 2**

**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)*

***Annexure: 5***

The bidder should submit related undertaking for Restrictions on procurement from bidders from a county or countries, or a class of countries under Rule 144 (XI) of the General Financial Rules 2017 in compliance of office OM no. 6/18/2019-PPD dated 23rd July 2020. Ministry of Finance Department of Expenditure, Public Procurement Division on the basis of following Certificate given below, on the company letter head duly signed by authorised signatory for this tender

**Certificate for Tender**

Tender no.: - \_\_\_\_\_

NIT name: - \_\_\_\_\_

'We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; and solemnly certify that we are not from such a county or, if from such a country, we are registered with the Competent Authority (copy enclosed). We hereby certify that we fulfil' all requirement in this regard and are eligible to be considered."

**AND**

“We have read the clause regarding restrictions on procurement from a bidder of a county which shares a land border with India and on sub-contracting to contractors from such a country; and solemnly certify that we are not from such a county or, if from such a country, we are registered with the Competent Authority (copy enclosed) and we shall not subcontract any work to a contractor from such countries unless such contractor is registered with the Comps eat Authority. We hereby certify that we fulfil all requirement in this regard and are eligible to be considered."

It is to declare that if, our bid/offer is accepted by the purchaser, as per undertaking given by us as per aforementioned points on the basis of certificate are found to be false, in such case this would be a ground for immediate termination of our bid/offer and further legal action in accordance with the law to be initiating on us by the procuring entity i.e. AIIMS, Rishikesh.

[Signature with date, name and designation]

For and on behalf of M/s \_\_\_\_\_

[Name & address of the manufacturers]

**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 M/s. \_\_\_\_\_ (*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 M/s. \_\_\_\_\_  
(*Name of manufacturers*)/Principal.



**BANK GUARANTEE FORM FOR PERFORMANCE SECURITY**  
**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 recognized 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 an 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 27 months from the date of satisfactory performance 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

**1 BLOOD TUBING FOR 4008 S NG MACHINE- Adult Specifications**

1. Compatibility: FMC 4008 S NG
2. Bloodline tube material:
  - a. Medical grade PVC tubing
  - b. DEHP free, Phtalate free
3. Sterilization : ETO / Steam / Gamma
4. Accessories:- (All must be present)

Patient connector	<ul style="list-style-type: none"> <li>• Ergonomic grip on the rotating part to ensure secure connection</li> <li>• Easy to remove protective caps</li> </ul>
Dialyser connector	
Transducer Protector	<ul style="list-style-type: none"> <li>• With integrated inspection windows</li> <li>• Luer-Lock male/female</li> </ul>
Drip Chamber	
Injection site	With large finger guard
Clamp	Colour coded
Heparin line	<ul style="list-style-type: none"> <li>• Luer-Lock female adapter with protecting cap</li> <li>• Easy to remove paper tape</li> </ul>
IV Set	
Arterial bubble catcher	

Venous bubble catcher	
Drainage Bag – one way, two way	
Recirculation Connector	

<b>Parameters</b>	
Diameter of venous bubble catcher	22 mm
Filling volume	150-180 ml

## 2 BLOOD TUBING FOR 4008 S NG MACHINE- PEDIATRIC Specifications

1. Compatibility: FMC 4008 S NG
2. Bloodline tube material:
  - a. Medical grade PVC tubing
  - b. DEHP free, Phtalate free
3. Sterilization : ETO / Steam / Gamma
4. Accessories:- All must be present.

Patient connector	<ul style="list-style-type: none"> <li>• Ergonomic grip on the rotating part to ensure secure connection</li> <li>• Easy to remove protective caps</li> </ul>
Dialyser connector	
Transducer Protector	<ul style="list-style-type: none"> <li>• With integrated inspection windows</li> <li>• Luer-Lock male/female</li> </ul>
Drip Chamber	
Injection site	With large finger guard
Clamp	Colour coded
Heparin line	<ul style="list-style-type: none"> <li>• Luer-Lock female adapter with protecting cap</li> <li>• Easy to remove paper tape</li> </ul>
IV Set	
Arterial bubble catcher	
Venous bubble catcher	
Drainage Bag – one way, two way	
Recirculation Connector	

<b>Parameters</b>	
Diameter of venous bubble catcher	22 mm
Filling volume	110-130 ml

**3 BLOOD TUBING FOR 4008 S NG MACHINE- BABY Specifications**

1. Compatibility: FMC 4008 S NG
2. Bloodline tube material:
  - a. Medical grade PVC tubing
  - b. DEHP free, Phtalate free
3. Sterilization : ETO / Steam / Gamma
4. Accessories:-All must be present.

Patient connector	<ul style="list-style-type: none"> <li>• Ergonomic grip on the rotating part to ensure secure connection</li> <li>• Easy to remove protective caps</li> </ul>
Dialyser connector	
Transducer Protector	<ul style="list-style-type: none"> <li>• With integrated inspection windows</li> <li>• Luer-Lock male/female</li> </ul>
Drip Chamber	
Injection site	With large finger guard
Clamp	Colour coded
Heparin line	<ul style="list-style-type: none"> <li>• Luer-Lock female adapter with protecting cap</li> <li>• Easy to remove paper tape</li> </ul>
IV Set	
Arterial bubble catcher	
Venous bubble catcher	
Drainage Bag – one way, two way	
Recirculation Connector	

<b>Parameters</b>	
Diameter of venous bubble catcher	22 mm
Filling volume	40-60 ml

#### **4 Technical specifications for Transducer Protector**

1. Compatibility: FMC 4008 S NG
2. Inlet/outlet connections: One side Female Luer Lock , other side Male Luer Lock.
3. Size of filter(micron): 0.2 micron
4. Size of transducer protector: standard
5. Material of transducer protector: ABS
6. Material of filter: Hydrophobic membrane
7. Outside grip: Ridged finger grip
8. Shape of transducer protector: Round
9. Certification: ISO
10. Sterilization: sterile, Non-pyogenic. Allow only sterile air to pass through protecting patient and equipment from cross contamination.



**5 Technical specifications for Hemodialysis solution (Part A) jar along with sodium bicarbonate Part B (Powder form)**

10-liter Hemodialysis solution (Part A) jar along with sodium bicarbonate Part B (Powder form) with below mentioned chemical compositions which is compatible with FMC 4008S NG and 5008 S online dialysis machine.

**Chemical composition (Part A)**

Each liter concentration contains:

<b>Composition</b>	
Sodium Chloride	210.68 g
Potassium Chloride	5.22 g
Calcium Chloride (Dihydrate)	9.0 g
Magnesium Chloride (Hexahydrate)	3.558 g
Acetic Acid, Glacial	7.356 g
Glucose (Monohydrate)	35.00 g
Purified water	q.s.

1:34 Dilution provides following ionic concentration in mmol/l

<b>Composition</b>	
Sodium	103.00 mmol/l
Potassium	2.00 mmol/l
Calcium	1.75 mmol/l
Magnesium	0.50 mmol/l
Chloride	107.25 mmol/l
Glucose	5.05 mmol/l
Acetate	3.50 mmol/l

**Composition (Part B) powder form:**

For hemodialysis solution BP 36.83 x

Each packet contains

Sodium bicarbonate IP 530.00 gm

Ionic composition of Part B after dilution

<b>Composition</b>	
Sodium	33.00 mmol/l
Bicarbonate	33.00 mmol/l

Ratio of Part A and Part B as below

Hemodialysis Solution	Part A	Part B	Purified water
Ratio 36.83x	1ml	1.83ml	34 ml

**6. Adult Dialyzer - Low Flux, Effective Surface Area (m2)- 1.30-1.40**

S. No.	Parameter	Range
1.	U. F. Coefficient (ml/hr X mm Hg)	11-22
2.	Urea clearance ml/min (at Qb -300 ml/min)	240-275
3.	Creatinine clearance ml/min (at Qb -300 ml/min)	210-260
4.	Effective Surface Area (m2)	1.30-1.40
5.	Blood Priming Volume (ml)	70-135
6.	K <sub>oA</sub> urea (ml/min)	700-1000
7.	Max. Dialysate Flow (Qd)	1000 ml-min
8.	TMP Max (mmHg)	600
9.	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
10.	Membrane Material- Polysulfone/Polynephron	-

**7. Adult Dialyzer - Low Flux, Effective Surface Area (m<sup>2</sup>)- 1.50-1.60**

S. No.	Parameter	Range
1.	U. F. Coefficient (ml/hr X mm Hg)	11-22
2.	Urea clearance ml/min (at Q <sub>b</sub> -300 ml/min)	240-275
3.	Creatinine clearance ml/min (at Q <sub>b</sub> -300 ml/min)	210-260
4.	Effective Surface Area (m <sup>2</sup> )	1.50-1.60
5.	Blood Priming Volume (ml)	70-135
6.	K <sub>oA</sub> urea (ml/min)	700-1000
7.	Max. Dialysate Flow (Q <sub>d</sub> )	1000 ml-min
8.	TMP Max (mmHg)	600
9.	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
10.	Membrane Material- Polysulfone/Polynephron	-

**8. Adult Dialyzer - Low Flux, Effective Surface Area (m2)- 1.70-1.90**

<b>S. No.</b>	<b>Parameter</b>	<b>Range</b>
1.	U. F. Coefficient (ml/hr X mm Hg)	11-22
2.	Urea clearance ml/min (at Qb -300 ml/min)	240-275
3.	Creatinine clearance ml/min (at Qb -300 ml/min)	210-260
4.	Effective Surface Area (m2)	1.70-1.90
5.	Blood Priming Volume (ml)	70-135
6.	<b>K<sub>oA</sub></b> urea (ml/min)	700-1000
7.	Max. Dialysate Flow (Qd)	1000 ml-min
8.	TMP Max (mmHg)	600
9.	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
10.	Membrane Material- Polysulfone/Polynephron	-

**9. Adult Dialyzer - Low Flux, Effective Surface Area (m2)- 2.10-2.30**

<b>S. No.</b>	<b>Parameter</b>	<b>Range</b>
1.	U. F. Coefficient (ml/hr X mm Hg)	11-22
2.	Urea clearance ml/min (at Qb -300 ml/min)	240-275
3.	Creatinine clearance ml/min (at Qb -300 ml/min)	210-260
4.	Effective Surface Area (m2)	2.10-2.30
5.	Blood Priming Volume (ml)	70-135
6.	<b>K<sub>oA</sub></b> urea (ml/min)	700-1000
7.	Max. Dialysate Flow (Qd)	1000 ml-min
8.	TMP Max (mmHg)	600
9.	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
10.	Membrane Material- Polysulfone/Polynephron	-

**10. Adult Dialyzer - High Flux, Effective Surface Area (m<sup>2</sup>)- 1.30-1.40**

<b>S. No.</b>	<b>Parameter</b>	<b>Range</b>
1.	U. F. Coefficient (ml/hr X mm Hg)	45-95
2.	Urea clearance ml/min (at Q <sub>b</sub> -300 ml/min)	260 to 295
3.	Creatinine clearance ml/min (at Q <sub>b</sub> -300 ml/min)	230 to 285
4.	Effective Surface Area (m <sup>2</sup> )	1.30-1.40
5.	Blood Priming Volume (ml)	70-150
6.	K <sub>oA</sub> urea (ml/min)	960-1400
7.	Max. Dialysate Flow (Q <sub>d</sub> )	1000
8.	TMP Max (mmHg)	600
9.	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
10.	Membrane Material - Polysulfone/Polynephron	-

**11. Adult Dialyzer - High Flux, Effective Surface Area (m<sup>2</sup>)- 1.50-1.60**

<b>S. No.</b>	<b>Parameter</b>	<b>Range</b>
1.	U. F. Coefficient (ml/hr X mm Hg)	45-95
2.	Urea clearance ml/min (at Q <sub>b</sub> -300 ml/min)	260 to 295
3.	Creatinine clearance ml/min (at Q <sub>b</sub> -300 ml/min)	230 to 285
4.	Effective Surface Area (m <sup>2</sup> )	1.50-1.60
5.	Blood Priming Volume (ml)	70-150
6.	K <sub>oA</sub> urea (ml/min)	960-1400
7.	Max. Dialysate Flow (Q <sub>d</sub> )	1000
8.	TMP Max (mmHg)	600
9.	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
10.	Membrane Material - Polysulfone/Polynephron	-



**12. Adult Dialyzer - High Flux, Effective Surface Area (m<sup>2</sup>)- 1.70-1.90**

<b>S. No.</b>	<b>Parameter</b>	<b>Range</b>
1.	U. F. Coefficient (ml/hr X mm Hg)	45-95
2.	Urea clearance ml/min (at Q <sub>b</sub> -300 ml/min)	260 to 295
3.	Creatinine clearance ml/min (at Q <sub>b</sub> -300 ml/min)	230 to 285
4.	Effective Surface Area (m <sup>2</sup> )	1.70-1.90
5.	Blood Priming Volume (ml)	70-150
6.	K <sub>oA</sub> urea (ml/min)	960-1400
7.	Max. Dialysate Flow (Q <sub>d</sub> )	1000
8.	TMP Max (mmHg)	600
9.	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
10.	Membrane Material - Polysulfone/Polynephron	-

**13. Adult Dialyzer - High Flux, Effective Surface Area (m2)- 2.10-2.30**

<b>S. No.</b>	<b>Parameter</b>	<b>Range</b>
1.	U. F. Coefficient (ml/hr X mm Hg)	45-95
2.	Urea clearance ml/min (at Qb -300 ml/min)	260 to 295
3.	Creatinine clearance ml/min (at Qb -300 ml/min)	230 to 285
4.	Effective Surface Area (m2)	2.10-2.30
5.	Blood Priming Volume (ml)	70-150
6.	K <sub>oA</sub> urea (ml/min)	960-1400
7.	Max. Dialysate Flow (Qd)	1000
8.	TMP Max (mmHg)	600
9.	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
10.	Membrane Material - Polysulfone/Polynephron	-

**14. Paediatric Dialyzer - Low Flux, Effective Surface Area (m<sup>2</sup>)- 0.75-0.85**

S. No.	Parameter	Range
1.	U. F. Coefficient (ml/hr X mm Hg)	8-11
2.	Urea clearance ml/min (at Q <sub>b</sub> -200 ml/min)	170-185
3.	Creatinine clearance ml/min (at Q <sub>b</sub> -200 ml/min)	145-175
4.	Effective Surface Area (m <sup>2</sup> )	0.75-0.85
5.	Blood Priming Volume (ml)	50-70
6.	K <sub>oA</sub> urea (ml/min)	490-620
7.	Max. Dialysate Flow (Q <sub>d</sub> )	800 ml-min
8.	TMP Max (mmHg)	600
9.	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
10.	Membrane Material- Polysulfone/Polynephron	-

**15. Pediatric Dialyzer - Low Flux, Effective Surface Area (m2) - 1.00-1.10**

S. No.	Parameter	Range
1.	U. F. Coefficient (ml/hr X mm Hg)	8-11
2.	Urea clearance ml/min (at Qb -200 ml/min)	170-185
3.	Creatinine clearance ml/min (at Qb -200 ml/min)	145-175
4.	Effective Surface Area (m2)	1.00-1.10
5.	Blood Priming Volume (ml)	50-70
6.	K <sub>oA</sub> urea (ml/min)	490-620
7.	Max. Dialysate Flow (Qd)	800 ml-min
8.	TMP Max (mmHg)	600
9.	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
10.	Membrane Material- Polysulfone/Polynephron	-

**16. Paediatric Dialyzer- High Flux, Effective Surface Area (m2)- 0.60-0.90**

<b>S. No.</b>	<b>Parameter</b>	<b>Range</b>
<b>1.</b>	U. F. Coefficient (ml/hr X mm Hg)	20-55
<b>2.</b>	Urea clearance (ml/min) (at Qb -200 ml/min)	170-195
<b>3.</b>	Creatinine clearance (ml/min) (at Qb -200 ml/min)	140-185
<b>4.</b>	Effective Surface Area (m2)	0.60-0.90
<b>5.</b>	Blood Priming Volume (ml)	30-70
<b>6.</b>	K <sub>oA</sub> urea (ml/min)	490-820
<b>7.</b>	Max. Dialysate Flow (Qd)	800
<b>8.</b>	TMP Max (mmHg)	600
<b>9.</b>	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
<b>10.</b>	Membrane Material- Polysulfone/Polynephron	-

**17. Paediatric Dialyzer - High Flux, Effective Surface Area (m2)- 1.00-1.10**

<b>S. No.</b>	<b>Parameter</b>	<b>Range</b>
<b>1.</b>	U. F. Coefficient (ml/hr X mm Hg)	20-55
<b>2.</b>	Urea clearance (ml/min) (at Qb -200 ml/min)	170-195
<b>3.</b>	Creatinine clearance (ml/min) (at Qb -200 ml/min)	140-185
<b>4.</b>	Effective Surface Area (m2)	1.00-1.10
<b>5.</b>	Blood Priming Volume (ml)	30-70
<b>6.</b>	<b>K<sub>oA</sub></b> urea (ml/min)	490-820
<b>7.</b>	Max. Dialysate Flow (Qd)	800
<b>8.</b>	TMP Max (mmHg)	600
<b>9.</b>	Sterilisation method – Inline steam/Irradiation(Gamma-rays)/ETO	-
<b>10.</b>	Membrane Material- Polysulfone/Polynephron	-

**18. Non-Tunnelled Double Lumen Haemodialysis Catheter Set (Adult-11.5 – 12 Fr X 13 – 13.5 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Two lumens with Double –D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size - 11.5 – 12 Fr X 13 – 13.5 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.89mm diameter X 68cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 18 Gauge	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauge	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2" / 4" X 4"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

**19. Non-Tunnelled Double Lumen Haemodialysis Catheter Set (Adult-11.5 – 12 Fr X 16 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Two lumens with Double –D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	size:- 11.5 – 12 Fr X 16 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.89mm diameter X 68cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 18 Gauge	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauge	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2" / 4" X 4"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-



**20. Non-Tunnelled Double Lumen Haemodialysis Catheter Set (Adult-11.5 – 12 Fr X 19.5 – 20 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Two lumens with Double –D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size- 11.5 – 12 Fr X 19.5 – 20 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.89mm diameter X 68cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 18 Gauze	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauze	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2" / 4" X 4"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

**21. Non-Tunnelled Triple Lumen Haemodialysis Catheter Set (Adult-11.5 – 12 Fr X 13 – 13.5 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Three lumens with modified Double –D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size - 11.5 – 12 Fr X 13 – 13.5 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.89mm diameter X 68cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 18 Gauze	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauze	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2" / 4" X 4"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

**22. Non-Tunnelled Triple Lumen Haemodialysis Catheter Set (Adult-11.5 – 12 Fr X 16 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Three lumens with modified Double –D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	size:- 11.5 – 12 Fr X 16 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.89mm diameter X 68cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 18 Gauze	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauze	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2" / 4" X 4"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

**23. Non-Tunnelled Triple Lumen Haemodialysis Catheter Set (Adult-11.5 – 12 Fr X 19.5 – 20 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Three lumens with modified Double –D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size- 11.5 – 12 Fr X 19.5 – 20 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.89mm diameter X 68cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 18 Gauge	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauge	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2" / 4" X 4"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

**24. Non-Tunnelled Double Lumen Haemodialysis Catheter Set (Paediatric- 8 Fr x 12 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Two lumens with Double – D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size- 8 Fr X 12 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.64mm diameter X 60cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 20 Gauge	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauge	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

**25. Non-Tunnelled Double Lumen Haemodialysis Catheter Set (Paediatric- 9 Fr x 13 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Two lumens with Double – D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size- 9 Fr X 13 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.64mm diameter X 60cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 20 Gauze	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauze	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

**26. Non-Tunnelled Double Lumen Haemodialysis Catheter Set (Paediatric- 10 Fr x 12 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Two lumens with Double – D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size- 10 Fr X 12 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.64mm diameter X 60cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 20 Gauze	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauze	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

**27. Non-Tunnelled Double Lumen Haemodialysis Catheter Set (Paediatric- 8 Fr x 9 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Two lumens with Double – D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size- 8 Fr X 9 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.64mm diameter X 60cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 20 Gauge	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauge	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-



**28. Non-Tunnelled Triple Lumen Haemodialysis Catheter Set (Paediatric- 8 Fr x 12 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Three lumens with modified Double-D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size- 8 Fr X 12 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.64mm diameter X 60cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 20 Gauze	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauze	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

**29. Non-Tunnelled Triple Lumen Haemodialysis Catheter Set (Paediatric- 9 Fr x 13 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Three lumens with modified Double-D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size- 9 Fr X 13 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.64mm diameter X 60cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 20 Gauge	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauge	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

**30. Non-Tunnelled Triple Lumen Haemodialysis Catheter Set (Paediatric- 10 Fr x 12 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Three lumens with modified Double-D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size- 10 Fr X 12 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.64mm diameter X 60cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 20 Gauge	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauge	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

**31. Non-Tunnelled Triple Lumen Haemodialysis Catheter Set (Paediatric- 8 Fr x 9 cm in size) – Must have following items: -**

<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1.</b>	Haemodialysis Catheter	<b>1</b>
<b>a)</b>	Three lumens with modified Double-D design (in cross section)	-
<b>b)</b>	Laser Cut Side slots	-
<b>c)</b>	Thermotensile material	-
<b>d)</b>	Clear Silicon Extensions with clamps	-
<b>e)</b>	Size- 8 Fr X 9 cm	-
<b>f)</b>	Radio- opaque tip	-
<b>2.</b>	Dilators	<b>2</b>
<b>3.</b>	Guide wire – 0.64mm diameter X 60cm Length, straight soft tip on one end & 'J' tip on other end	<b>1</b>
<b>4.</b>	Introducer Needle – 20 Gauze	<b>1</b>
<b>5.</b>	Injection Needle – 22 Gauze	<b>1(Minimum)</b>
<b>6.</b>	Drape – with fenestration	<b>1</b>
<b>7.</b>	Gauze pads – 2" X 2"	<b>2(Minimum)</b>
<b>8.</b>	Scalpel no. 11	<b>1</b>
<b>9.</b>	US FDA certification of entire set (Desirable)	-

### **32. Technical Specifications for Regeneration salt tablet**

1. Non iodised sodium chloride
2. Diameter- 2-2.5 cm
3. EN14805 Typ1
4. EN 973 Typ A
5. of the codex Alimentarius and the NF -Standard
6. 25 kg bag
7. Compatible with AQUA WTU 125 RO Machine

### **33. Technical Specifications for Filter cartridges**

1. Compatible with Portable RO WTU 125
2. Material- Pure polypropylene
3. Length- 20 inches
4. Micron rating- 20 microns
5. Maximum operating differential pressure: 35 psid @ 100°F
6. Maximum operating temperature: 160°F @ 15 psid
7. Automated packaging for a clean finished product

### 34. Disposable A- V Fistula Needle Set

<b>S. No.</b>	
<b>1.</b>	<b>No – 02</b>
<b>2.</b>	<b>Needle Size – 16 G/17 G X 15-25 mm</b>
<b>3.</b>	<b>with back eye</b>
<b>4</b>	<b>With fixed wing</b>
<b>5.</b>	<b>Tubing length- 150-300 mm</b>
<b>6.</b>	<b>Sterilised by – E.T.O/Gamma irradiation</b>
<b>7.</b>	<b>Material – stainless steel with silicon base PVC extension</b>
<b>8.</b>	<b>Colour – transparent</b>
<b>9.</b>	<b>European CE Certified (Desirable)</b>

### 35. Technical Specifications for Tunnelled cuff catheter (14-15Fr x 19cm)

#### Catheter Details

Tip Design	Size (F)	Tip to cuff insertion length (cm)	Number of lumens	Side holes	Material	Type
Symmetric tip	14- 15	19	2	Yes	Polyurethane or Carbothane	Antegrade

Components in catheter set-which must have following items: -

Catheter	1
Introducer Needle - 18G	1
J/Straight tip Guidewire-0 .038"	1
Syringe	1
Tunneler	1
Dilators( 10-14 F)	2
Introducer with air valve & Peel-Away Sheath/Dilator 16 F	1
Scalpel#11	1
Adhesive Dressings	2-4
End Cap	2



### 36. Technical Specifications for Tunnelled cuff catheters (14-15 Fr x 23 cm)

#### Catheter Details

Tip Design	Size (F)	Tip to cuff insertion length (cm)	Number of lumens	Side holes	Material	Type
Symmetric tip	14- 15	23	2	Yes	Polyurethane or Carbothane	Antegrade

Components in catheter set-which must have following items: -

Catheter	1
Introducer Needle - 18G	1
J/Straight tip Guidewire-0 .038"	1
Syringe	1
Tunneler	1
Dilators( 10-14 F)	2
Introducer with air valve & Peel-Away Sheath/Dilator 16 F	1
Scalpel#11	1
Adhesive Dressings	2-4
End Cap	2

### 37. Technical Specifications for Tunnelled cuff catheter (14-15 Fr x 27-28 cm)

#### Catheter Details

Tip Design	Size (F)	Tip to cuff insertion length (cm)	Number of lumens	Side holes	Material	Type
Symmetric tip	14- 15	27-28	2	Yes	Polyurethane or Carbothane	Antegrade

Components in catheter set-which must have following items: -

Catheter	1
Introducer Needle - 18G	1
J/Straight tip Guidewire-0 .038"	1
Syringe	1
Tunneler	1
Dilators( 10-14 F)	2
Introducer with air valve & Peel-Away Sheath/Dilator 16 F	1
Scalpel#11	1
Adhesive Dressings	2-4
End Cap	2

### 38. Technical Specifications for Tunnelled cuff catheter (14-15 Fr x 31-33 cm)

#### Catheter Details

Tip Design	Size (F)	Tip to cuff insertion length (cm)	Number of lumens	Side holes	Material	Type
Symmetric tip	14- 15	31-33	2	Yes	Polyurethane or Carbothane	Antegrade

Components in catheter set-which must have following items: -

Catheter	1
Introducer Needle - 18G	1
J/Straight tip Guidewire-0 .038"	1
Syringe	1
Tunneler	1
Dilators( 10-14 F)	2
Introducer with air valve & Peel-Away Sheath/Dilator 16 F	1
Scalpel#11	1
Adhesive Dressings	2-4
End Cap	2

### 39. Technical Specifications for Plasma Filter (Effective surface area 0.3 m<sup>2</sup>)

Membrane material	Plasmasulfone
Inner lumen/wall thickness (μm)	340/70
Effective surface area (m <sup>2</sup> )	0.3
Sieving coefficient	~ 1
Maximum transmembrane pressure (mm Hg)	100
Blood filling volume	36- 70
Blood flow range (ml/min)	40- 150
Maximum filtrate flow	20% of the effective blood flow rate
Sterilization method	INLINE Steam

**40. Technical Specifications for Plasma Filter (Effective surface area 0.6 m<sup>2</sup>)**

Membrane material	Plasmasulfone
Inner lumen/wall thickness (µm)	340/70
Effective surface area (m <sup>2</sup> )	0.6
Sieving coefficient	~ 1
Maximum transmembrane pressure (mm Hg)	100
Blood filling volume	36- 70
Blood flow range (ml/min)	80-250
Maximum filtrate flow	20% of the effective blood flow rate
Sterilization method	INLINE Steam