



कर्मचारी राज्य बीमा निगम
Employees' State Insurance Corporation
क. रा. बी. नि. अस्पताल E.S.I.C. HOSPITAL
के. के. नगर, चेन्नई K. K. NAGAR, Chennai - 600 078
Dir. : 24893714, Fax : 24891094



Website : www.esic.nic.in , www.esichennai.org

**Notice Inviting e-Tender for Supply and Installation of
Hemodialysis machine (3 nos) and RO Plant(1 No-1000 LPH) for the
department of General Medicine at ESIC Model Hospital and Medical College,
K.K.Nagar, Chennai – 78.**

“CONFIDENTIALITY IS THE ESSENCE OF THIS TENDER”

Tender No 512-U-P& B- Gen.Med-Haemodialysis-2018-19-File No:J2

Dated: 13.11.2018

E-tender is invited by the **Dean, ESIC Medical College and PGIMSR Model Hospital**, K.K nagar, Chennai-600 078 (under double bid system) from the manufacturers/authorized distributors/ Importers /Authorized suppliers having their business/ office at Chennai for the supply and installation of **Hemodialysis Machine(3Nos.) and RO Plant(1 No-1000LPH)**, at **ESIC Medical College and PGIMSR Model Hospital**, K.K nagar, Chennai-600 078

If you are in a position to quote the rate for the equipment in accordance with the requirements stated in the attached schedule you should submit the e-tender through online only at e-procurement portal Tender <https://esictenders.eproc.in> .Document along with detailed tender notice, all terms and conditions and procedure of e-tendering may be viewed online or downloaded by the tenderer from the ESIC websites www.esic.nic.in & www.esichennai.org at “tenders” & <https://esictenders.eproc.in> . The downloaded complete tender documents duly filled in and signed on every page should be **scanned and uploaded as per instructions in Annexure-I on or before 04.12.2018 upto 11.00 A.M.**

In addition to e-tender which has to be filed on-line, the bidders also shall be required to submit the Earnest Money Deposit (EMD) in the form of Demand Draft drawn at any Nationalized / Scheduled bank in favor of **ESIC Fund Account No.1 payable at Chennai** to be submitted either through Registered post with acknowledgement due (RPAD) or by hand delivery to the Dean,ESIC Medical College and PGIMSR Model Hospital, Purchase branch, Room No:125, 1st Floor, K.K nagar, Chennai-78, **before the due date of opening of the tender without fail**. All the original affidavits and documents are to be submitted with the technical bid as scanned copies uploaded in the e-tender format. Manual bid is not accepted at any circumstances.

PRE-BID MEETING: There will be a Pre-bid meeting conducted on 20.11.2018 regarding the e-tender at DMS chamber interested bidders may participate in the meeting.

All bidders are requested to check further notifications / Updates if any, on all the above mentioned websites only and No newspaper advertisement will be given .

TENDER SCHEDULE

SL. No	Details	Dates / Time
1	Period of availability of online e-tender document on websites .	From 13.11.2018 to 04.12.2018
2	Handing over of EMD amount in the mode of Demand Draft/ Banker's cheque through post (RPAD) or by hand delivery before the time period of Opening the bid without fail.	The Dean, ESIC Medical College and Hospital, 1st Floor, Room No:125, Purchase Branch, K.K nagar, Chennai -78
3	Pre-Bid Meeting on	20.11.2018 - 11.00 AM
4	Last date and time of Bid Submission	04.12.2018 – 11.00 AM
5	Date of Opening online tenders	04.12.2018 – 11.30 AM
6	Bid Processing Fee	Rs.2,495/-
7	Earnest Money Deposit/ Bid Security	Rs 96,000/-
	Performance Security/ Security Money to be deposit for successful Bidder	10% value of the contract.

*In case of an unscheduled holiday on the prescribed tender opening date, the tenders shall be opened on the next working day at the same venue and time.

NOTE:- LATE TENDER OR POSTAL DELAY ARE NOT ACCEPTABLE

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CHENNAI

Important Instructions for Bidders regarding Online Payment

- All bidders/contractors are required to procure Class-IIIB Digital Signature Certificate (DSC) with Both DSC Components i.e. Signing & Encryption to participate in the ETenders.
- Bidders should get Registered at <https://esictenders.eproc.in>.
- Bidders should add the below mentioned sites under Internet Explorer Tools
- Internet Options Security Trusted Sites Sites of Internet Explorer :
<https://esictenders.eproc.in>
<https://www.tpsl-india.in>
<https://www4.ipg-online.com>
- Also, Bidders need to select “Use TLS 1.1 and Use TLS 1.2” under Internet Explorer
- Tools Internet Options Advanced Tab Security.
- Bidder needs to submit Bid Processing Fee charges of Rs. 2495/- (non-refundable) in favor of M/s. C1 India Pvt. Ltd., payable at New Delhi via Online Payment Modes such as Debit Card, Credit Card or Net Banking for participating in the Tender.
- Bidders can contact our Helpdesk at <https://esictenders.eproc.in/html/Support.asp>

1	ANNEXURE– I	Instructions to bidders for submission of bids
2	ANNEXURE – II	Conditions of contract
3	ANNEXURE – III	Request for Refund of EMD
4	ANNEXURE – IV	Company Profile with Bank Details
5	ANNEXURE – V	Undertaking
6	ANNEXURE – VI	Price Bid Schedule for Hemodialysis Machine and RO Plant
7	ANNEXURE – VII	Price Bid Schedule for Consumables
8	ANNEXURE -VIII	Undertaking For Warranty/CMC/Consumables
9	ANNEXURE –IX	Documents need to be submitted
10	ANNEXURE -X	Specifications for Hemodialysis Machine

C.INSTRUCTIONS TO BIDDERS FOR SUBMISSION OF BIDS :

1.The tender document can be downloaded from www.esic.nic.in, www.esichennai.org and Central Public Procurement Portal: www.esictenders.eproc.in. The original copy of tender duly completed and signed on each page, should be scanned and uploaded in the e-tender format.

2. The EMD in the form of Demand draft or Banker's cheque drawn in favour of “ESIC FUND A/C NO.1” payable at Chennai should be kept inside a separate envelope. The envelope should be clearly superscribed as “TENDER FOR THE SUPPLY AND INSTALLATION OF HEMODIALYSIS MACHINE (3 Nos) . E-Tender ID No _____ EMD”.

This envelope should be sent through **Registered post with acknowledgment due to “THE DEAN, ESIC MEDICAL COLLEGE AND MODEL HOSPITAL, CHENNAI – 600 078” (Or) can be dropped in the box kept for the purpose in Room No: 125, I Floor, Purchase Branch. It should reach the concerned authority before the due date and time stipulated.**The Bid Security is normally to remain valid for a period of forty five days beyond the final bid validity period. (If the Vendor fails to submit the EMD/ EMD exemption proof on his part, then the participation towards the tender is liable to be rejected, even though the bid was registered online)

3. EMD EXEMPTIONS:

Bidders who are claiming exemption from submission of EMD should scan and upload the valid exemption proof in the Technical bid in place of EMD. Copy of the same duly signed and sealed by the bidder should be sent in a separate sealed cover through Registered post with acknowledgment due to “THE DEAN, ESIC MEDICAL COLLEGE AND MODEL HOSPITAL, CHENNAI – 600 078” (Or) can be dropped in the box kept for the purpose in Room No: 125, I Floor, Purchase Branch. The envelope should be clearly superscribed as “TENDER FOR THE SUPPLY AND INSTALLATION OF HEMODIALYSIS MACHINE (3 Nos) . EMD EXEMPTION PROOF”. It should reach the concerned authority before the Stipulated date and time. Otherwise the Bids will not be opened.

- Micro and Small Enterprises (MSE's) as defined in the MSE Procurement policy issued by the Dept of MSME.
- Firms registered with central Purchase Organisation or the concerned Ministry or Dept are exempted from EMD.

4. The EMD amount of unsuccessful tenderers shall be refunded within one month after the award of work to the successful tenderer without interest. Hence the tenderers should submit an **ADVANCE RECEIPT** affixing with the Revenue stamp along with the full particulars of the Bank details in order to credit the amount through ECS.This receipt should be kept in the envelope for EMD and sent through post / hand over to person as per instructions.

5. Tenderers are requested that, before quoting their rates or filling tender , the tender form may please be read out thoroughly (line by line), otherwise purchaser will not be held responsible for any error/oversight of his own. Firms intending to participate in the rate contract should first ensure that they fulfill all the eligibility criteria as prescribed under the terms and conditions mentioned hereinbefore, otherwise the tender will be summarily rejected. Tenderer should quote only for the items for which they fulfill all the eligible criteria.

6. The right to ignore / reject any tender, which fails to comply with the above instructions, is reserved. Tender will be opened on the due date **04/12/2018 11.30 AM** ESIC Hospital, K.K nagar, Chennai in the presence of bidders or their authorized representative. If due date of opening is declared holiday, tender will be opened on the next working day at the same time and the Dean, reserves the right to reject any tender or all without assigning any reason(s) thereof.

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(D) CONDITIONS OF CONTRACT**GENERAL TERMS AND CONDITION:**

Bid Document Download Start Date	13.11.2018
Bid Submission Start Date	13.11.2018
Bid Document Download End Date	04.12.2018 – 11.00 AM
Bid Submission End Date	04.12.2018 – 11.00 AM
Bid opening Date	04.12.2018 – 11.30 AM
Earnest Money	Rs.96,000/-
Security Money - 10% of value of the Contract	

Tenders will be opened at ESIC Medical College and Model Hospital, K.K.Nagar, Chennai-78, on the stipulated date and time in the presence of the tenderers / representatives who choose to be present.

Pre-Qualification Criteria :

- a) Bidder should be the manufacturer / authorized dealer / Distributor / Trader / Supplier. Letter of Authorization from Manufacturer for the same and specific to the tender should be uploaded in the prescribed place (AS APPLICABLE)
- b) An undertaking from the original Manufacturer is required stating that they would facilitate the bidder on regular basis with technology / product updates and extend support whenever necessary. The scanned copy of the same to be uploaded.
- c) The two part bids i.e. Technical Bid and Price bid shall comprise of the following:

PREPARATION OF TECHNICAL BID:

The following documents are vital documents which should be uploaded by the bidder along with the technical bid as per the tender document for getting qualified.

1. The downloaded complete tender document duly signed on each page should be uploaded
2. DEMAND DRAFT/BANKERS CHEQUE towards EMD should be scanned and uploaded. Bidders claiming EMD exemption should upload evidence/proof for EMD EXEMPTION.
3. Mention the status of the bidder - Manufacturer / Distributor / Dealer / Trader / Supplier supporting documents.
4. In case of distributor / dealer / trader / supplier must be upload tender specific authorization certificate from OEM/ manufacturer .
5. FIRM / COMPANY registration certificate to be uploaded
6. Trade license to be uploaded
7. Tenderer must submit an AFFIDAVIT in NON JUDICIAL STAMP PAPER OF VALUE ONE HUNDRED RUPEES AS PER ANNEXURE-V. (not refurbished equipment, quoted price is low, company has never been blacklisted.....)
8. GST registration certificate
9. PAN CARD
10. Annual turnover for the past three years(Minimum Five times of the Equipment cost. Entrepreneurs will be given relaxation as per discretion of competent authority)
11. IT returns for the past three years
12. Balance sheet duly audited by CA for the past three years
13. Company profile with Bank Details - as per Annexure-IV
14. Technical specifications compliance report
15. Undertaking for Warranty,CMC,Consumables- as per Annexure-VIII
16. Evidence for having supplied items / purchase order copies to any government or reputed private organisation
17. Copies of performance certificates from any government or reputed private organisations
18. Relevant brochure / catalogue pertaining to the items quoted with full specifications etc.

Without fulfillment of the said above records your bid is liable to get rejected.

NOTE; THE DOCUMENTS SHOULD BE PROPERLY NAMED AND UPLOADED STRICTLY IN THE ABOVE ORDER ONLY FOR EASY SCRUTINY

2. PRICE BID:

- a) The information given in the Techno-commercial bid should reproduced once again in the price bid with indication of PRICES. Any deviation will be liable for rejection.
- b) Rates should be typed in words as well as in figures, free from erasing, cutting and overwriting.
- c) Price quoted should match with the items quoted in technical bid.
- d) Successful bidder shall not be entitled to any rate revision of price for any reason except that allowed by Government of India.
- e) In case any variation in the price quoted is found the bid automatically will be cancelled.
- f) The quoted price should be all inclusive lump sum price offered for each item including cost of the equipment, freight, Insurance, transit insurance, packing forwarding etc., and including charges for installation and commissioning with all men and material required for the same and including charges for the quoted warranty period. GST must be quoted separately.
- g) The rates quoted should be F.O.R ESIC PGIMSR & Model Hospital, K.K. Nagar, Chennai - 78. No other charges in addition will be payable on any account over and above the lump sum price quoted in the price bid. The rates quoted in ambiguous terms such as "Freight on actual basis" or " Taxes as applicable extra" or "Packing forwarding extra" will render the bid liable for rejection.
- h) For imported goods, the price quoted shall not be higher than the lowest price charges by the tenderer for the goods of the same nature, class or description to a purchaser, domestic or foreign or to any organization or department of Govt. of India.
- i) If it is found at any stage that the goods as stated have been supplied at a lower price, than that price, with due allowance for elapsed time will be applicable to the present case and the difference in cost would be refunded by the supplier to the purchaser, if the contract has already been concluded.
- j) Only Technical bid will be opened first on the date mentioned in the presence of bidders who chose to be present. After technical evaluations, the details of technically qualified tenderers will be uploaded in the website. The price bid of the firm whose equipment is technically viable fulfilling the specifications and all other conditions, alone will be opened.

k) Tender currencies :

The tenderer supplying indigenous goods shall quote only in **Indian Rupees**.

l) Validity of Tender :

The bids will remain valid for a period of six months from the date of opening of technical bid. The rates once quoted on approval will stand valid for one year from the date of sanction of the Dean and the quantity mentioned is on the basis of present requirement which are to be supplied within the stipulated period mentioned in the tender. During the currency of the tender, orders are to be executed by the successful tenderer at the tender rate as per future requirements, therefore the quantity in the tender is indicative only and likely to increase.

m) Right of Acceptance :

ESIC Hospital, K.K.Nagar reserves the right to accept or reject any or all tenders / quotations without assigning any reason there of and also does not bind itself to accept the lowest quotation or any tender. ESIC Hospital, K.K.Nagar also reserves the rights to accept all the equipments items in the given tender or only part of it in any given schedule without assigning any reason.

3. EARNEST MONEY DEPOSIT (EMD):

- a) Bidder has to deposit the Earnest Money Deposit (EMD) mentioned against the tendering item in the form of demand draft (DD)/ Banker's cheque drawn in favour of "ESIC FUND ACCOUNT NO.1", payable at Chennai. The EMD must be submitted as per earlier instructions.
- b) The scanned copy of the DD/ Banker's cheque should be uploaded.
- c) The tenders without EMD is liable for rejection.
- d) For EMD exemption, if any, necessary documents for exemption should be uploaded, otherwise tender will be liable for rejection.
- e) The EMD of unsuccessful tenderers shall be refunded within one month after the award of tender to the successful tenderer.
- f) Advance Stamp Receipt for the refund of EMD should be enclosed with the tender document.

4. Only the manufacturers or their authorized distributor/stockist would be considered for the tender.

5. SUBLETTING OF CONTRACT:

The firm shall not assign or sublet the contract or any part of it to any other person or party without having first obtained permission in writing of ESIC PGIMSR & Model Hospital, K.K.Nagar, which will be at liberty to refuse if thinks fit. The tender is not transferable.

1. Either the authorized Indian agent on behalf of the principal/OEM or principal/OEM himself can bid but both cannot bid simultaneously for the same item/product in the same tender.

2. If an agent submits bid on behalf of the principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in the same tender for same item/product.
3. Bidders in their own interest shall ascertain the eligibility of whatsoever concessions and exemptions are eligible and applicable to the ESIC PGIMSRS & Model Hospital, K.K. Nagar, Chennai and shall advise the purchaser and quote accordingly.

4. Guarantee / Warranty, Service, Maintenance :

The tenderers must quote for Three (3) years onsite warranty from the date of completion of the satisfactory installation as certified by the stipulated committee. The warranty charges shall not be quoted separately otherwise the bid shall be summarily rejected.

5. Firm should undertake to enter into CMC for the equipment as well as for accessories attached for a minimum period of five years after completion of warranty period and accordingly quote the rates of CMC for five years. The rates for CMC (Labour) should not exceed 10% per annum, of the unit cost of the equipment on the date of purchase. Firm should undertake to keep the equipment in running order throughout the year and in case of equipment going out of order during warranty/ the fault should be attended within 24 hours and rectified within 7 days of lodging the complaint.

- Should provide Warranty period: As per mentioned in the specifications and CMC after warranty as per mentioned in the specifications.
- Should ensure availability of spares for at least 8 years after date of installation.
- Onsite warranty would include all parts-plastic, metallic, glass, batteries and rubber (without any exclusion).
- Comprehensive warranty would include periodic checking and periodic calibration of all parameters strictly as per manufacturer's recommendations as per norms and any spares or standards required for that.
- Should have online and telephonic registration of the complaints.
- Should have resident service engineer available in Chennai within 24 hrs to solve the complaints.
- Down time of the equipment will start from the time of lodgement of first complaint.
- The company must ensure that the machine remains FULLY functional all the time for the period of warranty .
- No request in this regard will be entertained on the pretext of non availability of items with the supplier / company.
- Should have local service facility and should have the necessary equipment's to carry out preventive maintenance test.
- Onsite physical demonstration and training of the equipment to all the end users with all the requested facilities will be mandatory.
- Company should certify that model quoted is latest and not obsolete, and spares are available for at least 8 years after date of installation.

6. DEMONSTRATION OF THE EQUIPMENT :

- Tenderer should be able to demonstrate the product quoted by them, to the Technical Evaluation Committee in Chennai within the time frame specified from the date of opening of tender.
- The date for demonstration shall be fixed with mutual consent on telephone/e-mail and the same shall be confirmed in writing or by fax. In any case, not more than two weeks time shall be given to arrange for demonstration.

7. SECURITY DEPOSIT:

- The successful bidder shall have to submit a performance guarantee (PG) within 30 days from the date of issue of Letter of Award (LOA). Extension of time for submission of PG beyond 30 days and up to 60 days from the date of issue of LOA may be given by the competent authority to sign the contract agreement however a penal interest of 15% per annum shall be charged for the delay beyond 30 days. i.e., 31st day after the date of issue of LOA. In case of the contract fails to submit the requisite PG even after 60 days from the date of issue of LOA the contract shall be terminated duly forfeiting the EMD and other dues if any payable against the contract. The failed contractor shall be debarred from participating in re-tender (if any) for that item. Performance Guarantee Bond is mandatory.
- Validity of the performance guarantee bond shall be for a period of 60 days beyond of entire warranty period from the date of issue of installation & commissioning.
- After Completing of warranty period a fresh BG / DD / FDR of 10% of CMC cost will be submitted by the supplier for performance security against CMC. validity of this new BG / DD / FDR will be 60 days beyond CMC period. After submission of new security deposits, old security deposit will be released.

8. DELIVERY SCHEDULE:

Within 30 days from the date of purchase order. The delivery should be at the place shown by the receiving officer within the premises of the ESIC PGIMSR & Model Hospital, K.K.Nagar at the cost of the supplier. For imported items, an enhanced delivery period, if required can be agreed and the same should be indicated clearly.

9. No articles shall be supplied to the hospital except on requisition in writing signed by the Dean or by an officer authorized by him/her in writing to do so.
10. **Penalty** : : If the successful tenderer fails to execute the supply within the stipulated period, penalty of 1% per week for a maximum period of only two weeks on the submission of Prior representation in the written format by the consignee and the same with the approval given by the competent authority, the value of order will be levied.
10. Failure to execute the supply will lead to cancellation of supply order and the Performance security will stand forfeited and the vendor will not be allowed to participate in the re-tender for the equipment_
11. **Arbitration**: In the event of any dispute or difference arising out of the terms and conditions laid down in this tender, the same shall be referred to Arbitrator appointed by the competent authority. The procedure of the Arbitration will be governed by the provisions Arbitration Act 1996.(as amended as rules framed there under. Jurisdiction of Chennai.
12. **Payment** :The payment towards the supply is subject to receipt of inspection note/performance certificate to the effect that the items supplied are conforming to the purchase order placed.

**DEAN
ESIC MEDICAL COLLEGE AND HOSPITAL,
CHENNAI**

TECHNICAL DETAILS

ANNEXURE – III

**TENDER FOR THE SUPPLY AND INSTALLATION OF HEMODIALYSIS MACHINE (3 Nos). AT ESIC
HOSPITAL, K.K NAGAR CHENNAI-78**

From

To
The DEAN,
ESIC Hospital, K.K.Nagar,
Chennai - 600 078.

Sub: Request for refund of EMD Amount – reg.

* * *

We have pleasure in submitting our tenders for theas per Annexure -I

We enclose herewith a Demand Draft No.Dt..... for Rs._____/-- drawn in favour of ESIC Fund A/c. No:1 payable at Chennai towards Earnest money Deposit.. We bind ourselves to the conditions prescribed in the Tender Notification.We agree to have the Earnest money forfeited in case of failure in full or part to undertake the contract upon the acceptance of this tender.

With reference to your advertisement dated _____, we have submitted tender for _____.In case we are not the successful bidder, we request you to kindly refund the EMD amount of Rs._____. Through ECS may be kindly be credited in favour of_____

Beneficiary's Name :
Account No. :
A/C Savings Current :
IFSC Code No. :
Bank Name :Branch Name & Address :

Yours faithfully,

(SIGNATURE & SEAL)

PRE-RECEIPT

Received an amount of Rs..... vide cheque No.....dated..... from ESI Corporation towards refund of EMD amount.

Revenue
Stamp

(SIGNATURE & SEAL)

COMPANY PROFILE WITH BANK DETAILS

1. Name of tenderers/Firm/Company/Agency etc. :

Address:

Phone No:

Mobile No:

Email:

Fax no:

2. Duly signed original tender document (Attached).

3. Duly signed undertaking (Attached).

4. Valid Trade License No. :-

Valid up – to :-

5. Valid Authorization Certificate. :-

Valid up – to :-

6. Sales Tax GST No. :-

7. PAN NO:

Bank Details:

- i. . Name of the Bank
- ii. Name of the Branch & Address
- iii. Bank Branch Code
- iv. Type of Account : SB/CC/CA
- v. Bank Account No.
- vi. IFSC code
- vii. MICR Code
- viii. Bank E-Mail Address
- ix. Authorized Signature & Seal of the Firm

(SIGNATURE OF THE TENDERER) (OFFICE SEAL)

UNDERTAKING

(TO BE SUBMITTED ON Rs. 100/ non judicial stamp paper)

1. I.....the undersigned certify that I have gone through the terms and conditions mentioned in the tender document and thoroughly understood and undertake to comply with them.
2. It is certified that the rates quoted are the lowest quoted for any other institutions/hospitals in India in the last one year. The rates quoted by me/us are valid and binding on me/us for the entire period of contract.
3. It is certified that the quoted equipment..... is not a Refurbished one.
4. It is Certified that our Company has never been blacklisted by any Govt/Semi Govt/Private Organisations.
5. I / we do hereby declare that the firm is in this business since the last THREE years
6. Certified that the firm has no vigilance /CBI case or court case pending against us.
7. I / we hereby undertake to supply the items as per specifications and directions given in supply order within the stipulated period.
8. I / we give the rights to THE DEAN, ESIC MEDICAL COLLEGE AND HOSPITAL, KK NAGAR, CHENNAI 600078 to forfeit the performance security deposited by me/us ,if any delay occur in our part or fail to supply the article at the appointed place and time of the desired specifications.
9. On inspection , if any article is found not as per supply order, it shall be replaced by me/us in time as asked for, to prevent any inconvenience at my/own expenses.
10. I / we understand that the DEAN ESIC MEDICAL COLLEGE AND HOSPITAL KK NAGAR, CHENNAI has the right to accept or reject any or all the tenders without assigning any reason thereof.
11. This is to certify that I/We before signing the tender have read and fully understood all the terms and condition contained herein and undertake myself/ourselves to abide by them. Enclose duly signed and undertaking .

SIGNATURE OF
THE TENDERER
WITH ADDRESS
AND SEAL

Price Bid Schedule

S. no	Description of the item (Make & Model)	Quantity	Unit Cost (Rupees)	GST (%) on the value of the item	GST (Rs)	Unit Cost Including GST	Total cost (Rupees)	4th Year CMC charges for total quantity			5th Year CMC charges for total quantity			6th Year CMC charges for total quantity			7th Year CMC charges for total quantity			8th Year CMC charges for total quantity			Total CMC charges	Net Total cost of the Equipment including CMC
								CMC Charge (not exceeding 10% of basic cost) (Rs)	GST (Rs)	Total (4th Year CMC charge including GST) (Rs)	CMC Charge (not exceeding 10% of basic cost) (Rs)	GST (Rs)	Total (5th Year CMC charge including GST) (Rs)	CMC Charge (not exceeding 10% of basic cost) (Rs)	GST (Rs)	Total (6th Year CMC charge including GST) (Rs)	CMC Charge (not exceeding 10% of basic cost) (Rs)	GST (Rs)	Total (7th Year CMC charge including GST) (Rs)	CMC Charge (not exceeding 10% of basic cost) (Rs)	GST (Rs)	Total (8th Year CMC charge including GST) (Rs)		
		A	B	C	D	E=B+D	F = A x E			G			H			I			J			K	L = G+H+I+J+K	M = F+L
1	Hemodialysis machine	3																						
2	RO Plant (with necessary accessories mentioned in Specifications)	1																						

Note: For RO Plant, CMC charges not to be quoted.

Price Bid Schedule for consumables/Reagents

S.No	Name of the consumables	Pack Size	Rate per Unit (Rs)	GST (Rs)	Unit Cost Including GST
			A	B	C=A+B
1	ACID CONCENTRATE (1000 Ltrs.)				
2	BICARBONATE				
3	POLYSOLPHONE DIALYSER				
4	BLOOD TUBING				
5	AVF NEEDLE				
6	TRANSDUCER PROTECTOR				
7	HOT DISINFECTION SOLUTION				
8					
9					
10					
11					
12					
				Total =	

**E-Tender for Supply and Installation of Hemodialysis machine (3 nos) and
RO Plant(1 No-1000 LPH)**

Undertaking For Warranty/CMC/Consumables (To be given in letterpad)

WARRANTY CERTIFICATE FOR THE SUPPLY OF EQUIPMENT

I / we _____ do hereby undertake to provide Three years on site warranty as stipulated in Tender terms & conditions for the Haemodialysis Machine and RO Plant _____ from the date of satisfactory installation of the said equipment in your Hospital premises.

UNDERTAKING FOR COMPREHENSIVE MAINTENANCE CONTRACT

I / We _____ do hereby accept to enter into Comprehensive Maintenance Contract (CMC) (For Haemodialysis Machine) as stipulated in Tender terms & Conditions for five years after completion of warranty period.

We also understand fully that Comprehensive Warranty would include periodic checking and periodic calibration of all the parameters strictly as per manufacturer's recommendations / as per norms and any spares or standards /Kits required for that. Also Comprehensive Warranty would include all parts plastic ,metallic, glass, batteries and rubber without any exclusion.

UNDERTAKING FOR CONSUMABLES/REAGENTS

I / We _____ do hereby declare that we have quoted for all the consumables and reagents for the equipment as per tender Tender terms & Conditions. We also undertake that the price quoted will be fixed for FIVE YEARS from the date of installation.

Signature of Bidder with date and seal

ANNEXURE-IX

THE FIRM IS REQUESTED TO FOLLOW THE CHECK LIST AT THE TIME OF SUBMISSION OF TENDER DOCUMENT WITHOUT WHICH THE OFFER IS LIABLE TO BE CANCELED.

1	The downloaded complete tender document duly signed on each page should be uploaded	Submitted [Yes / No]
2	DEMAND DRAFT/BANKERS CHEQUE towards EMD should be scanned and uploaded. Bidders claiming EMD exemption should upload evidence/proof for EMD EXEMPTION.	Submitted [Yes / No]
3	Mention the status of the bidder - Manufacturer / Distributor / Dealer / Trader / Supplier supporting documents	Submitted [Yes / No]
4	In case of distributor / dealer / trader / supplier must be upload tender specific authorization certificate from OEM/ manufacturer .	Submitted [Yes / No]
5	FIRM / COMPANY registration certificate to be uploaded	Submitted [Yes / No]
6	Trade license to be uploaded	Submitted [Yes / No]
7	Tenderer must submit an AFFIDAVIT in NON JUDICIAL STAMP PAPER OF VALUE ONE HUNDRED RUPEES AS PER ANNEXURE-V	Submitted [Yes / No]
8	GST registration certificate	Submitted [Yes / No]
9	PAN CARD	Submitted [Yes / No]
10	Annual turnover for the past three years	Submitted [Yes / No]
11	IT returns for the past three years	Submitted [Yes / No]
12	Balance sheet duly audited by CA for the past three years	Submitted [Yes / No]
13	Company profile with Bank Details - Annexure-IV	Submitted [Yes / No]
14	Technical specifications compliance report	Submitted [Yes / No]
15	Undertaking for Warranty,CMC,Consumables- as per Annexure-VIII	Submitted [Yes / No]
16	Evidence for having supplied items / purchase order copies to any government or reputed private organisation	Submitted [Yes / No]
17	Copies of performance certificates from any government or reputed private organisations	Submitted [Yes / No]
18	Relevant brochure / catalogue pertaining to the items quoted with full specifications etc.	Submitted [Yes / No]

NOTE: THE DOCUMENTS SHOULD BE UPLOADED STRICTLY IN THE ABOVE ORDER ONLY FOR EASY SCRUTINY

COMPULSORY DOCUMENTS FOR PRICE BID

Sl.No.	Documents	Submitted at Page No.
1	Price Bid for the quoting equipment (Sum Total of Basic Cost and charges for onsite warranty for the quoted Period) and CMC charges for IV th to VIII th Year	
2	Price Bid for Consumables/Reagents	

THE DEAN OF MEDICAL COLLEGE AND MODEL HOSPITAL CHENNAI-78 , HAS THE RIGHT AND DISCRETION TO ACCEPT OR REJECT OR CANCEL THE TENDER/TENDER PROCESS AT ANY STAGE WITHOUT ASSIGNING ANY REASON .

Dated :
Signature of Authorized Signatory
(With rubber stamp)

Specification for Hemodialysis Machine

1. Should have facility for conventional dialysis.
2. Should have one bacterial filter.
3. Should have battery back-up of minimum 15 minutes to run complete machine.
4. Should have bicarbonate compatibility.
5. Should have sodium, bicarbonate and UF profiling. Should have heparin and dialysate profiling additionally.
6. Should have dialysate temperatures selectable between 35 degree C to 39 degree C.
7. Should have variable conductivity setting between 12 to 15.
8. Should have variable dialysate flow 300 – 800 ml/minute or more and should have increasing facility to step up by 1 to 10 ml.
9. Should have facility to show trends curve of all parameters for 15 – 20 minutes.
10. Should have heparin pump with syringe sizes 10,20,30 ml with pump flow rate from 0.1 – 10 ml/hr (0.1 ml increment)
11. Ultra filtration 0.1 to 4 liters/hr. The in and out fluid circuit must be separated so that there is no chance of contamination in the event of membrane rupture.
12. Should have integrated heat rinse and chemical disinfections facility.
13. Should have accurate feedback control conductivity mixing technique.
14. Should have drain facility.
15. All important data should be presetted so that machine can be used any time without feeding data every time.
16. Should have automatic self-test facility.
17. Should have on/off facility.
18. Machine should have TFT touch screen / soft touch button controls.
19. Easy to service, troubleshoot and calibrate.
20. Blood pump rate from 50 – 600 ml/minute. Adaptable to all standard A-V blood lines.
21. Ability to monitor pulse rate and NIBP with graphic and tabulated trends.
22. Audio visual alarms on limit violation of conductivity blood leak, air leak, trans membrane alarm, can empty alarm, end of disinfection alarm, bypass alarm and blood pump stop alarm.
23. Alarm for reverse ultra-filtration.
24. Should have Kt/V to assess adequacy of dialysis.
25. Comprehensive training for staff and support services till familiarity with system.
26. It should be CE or US FDA approved.

GENERAL REQUIREMENTS:

1. All equipments should have US FDA / CE / UL / DGCI approved for medical use.
2. Manufactures / suppliers should have ISO certification for quality standards.
3. Electrical safety conforms to standards for electrical safety IEC – 60601 or better general requirements.
4. Certificate of calibration and inspection.

Specifications of RO Plant for Haemodialysis:

1. Pre Treatment System

1. Raw Water Pump

1. Flow Rate > 2600 LPH
2. Make of Pump – Kriloskar/CRI/equivalent
3. Rated Power in HP/KW – 1 HP or more
4. Feed Flow 3000 LPH with 3 kg/cm sq
5. Type of Pump – Centrifugal
6. AntiScalent Dosing with high silica rejection
7. Inlet Solenoid valve 1 inch. 230V to avoid water wastage when RO tank is full
8. FRP (Fibre Reinforced Plastic) Vessel should withstand high pressure above 10 bar
9. Manual Multiport valve with high flow rate and high pressure withstanding
10. Each FRP vessel inlet should have pressure gauge to monitor pressure drop in particular

2. Sand Filter (2 Nos)

1. Flow Rate – 2600 LPH
2. Output per shift = 10,400 Litres
3. Material of Construction is FRP
4. Inlet / Outlet Pipe size: 1 inch
5. Type of Valve: Multiport
6. Type of Media: Silex, Sand
7. Type of Pipeline: CPVC / PEX
8. Pipeline Size: 1 inch
9. Height of Shell: 65 inches
10. Diameter: 14 inches
11. Minimum Working Pressure: 1 Kg / sq.cm
12. Maximum Working Pressure: 7 kg/sq.cm
13. Types of Media: Graded Sand, Core, Fine with gravel with special media

3. Carbon Filter (2 Nos)

1. Flow Rate – 2600 LPH
2. Output per shift – 10,400 Ltrs
3. Material of Construction: FRP
4. Inlet / Outlet Pipe Size: 1 inch
5. Type of Valve: MULTIPORT
6. Media: Carbon

7. Type of Pipeline: CPVC / PEX
 8. Pipeline size: 1
 9. Height of Shell: 65 inches
 10. Dia of the Shell: 14 inches
 11. Inlet / Outlet Connection: 25mm
 12. Minimum Working Pressure: 1 kg / sq.cm
 13. Maximum Working Pressure: 7 kg / sq.cm
 14. Iodine value > 1150
4. Softner Filter (1 No)
1. Flow Rate – 2600 LPH
 2. Output per shift: 10,400 Ltrs
 3. Material of Construction: FRP
 4. Inlet / Outlet Pipe Size: 1 inch
 5. Type of Valve: MULTIPORT
 6. Media: Cation Resin
 7. Type of Pipeline: CPVC/PEX
 8. Pipeline Size: 1
 9. Height of the shell : 65 inches
 10. Diameter of the shell : 45 inches
5. Post Softner Micron Filter (2 Nos)
1. Flow Rate – 2600 LPH
 2. **Micron Rating: 5 Micron 2 nos**
 3. Type of Cartridge: Wound or Span Type
 4. Material of Construction: FRP
 5. Height of the Cartridge: 20 inch
 6. Inlet / Outlet: 1 inch
 7. Type of Element: Wound polypropylene
 - 8.
6. R.O Booster Pump (1 No):
1. Flow Rate – 2400 LPH
 2. Phase: Three Phase
 3. Type of Pump: Centrifugal Type Multi Stage
 4. Make of Pump: Grundfos
 5. Materials of Construction: SS304
 6. No. of Pump: 1 No.

II. Reverse Osmosis System

- Automatic PLC Panel to prevent system from over voltage, dry running, high current and more safety precautions.
- Monitor and control RO System Pressure by Pressure switches Low & High – 02 nos
- Monitor Pre & Post Pump Pressure – 02 nos
- Flow Meters Permeate and Reject – 02 nos
- CPVC/PEX fittings SDR 11 for all work
- ZolotoGate Valves – 02 nos
- Membrane flusing Solenoid valve – 01 nos
- RO Membranes polyamide thin film (Filmtech)
- FRP Membrane Vessel
- Flowrate: 900-1000 LPH
- Output / shift (4hrs): 4000 Ltrs

- Percentage of Recovery: 50 – 60%
- Size of Membrane: 80 inch * 40 inch
- Make of Housing: FRP or SS
- Size of Housing: 80 inch * 8 inch
- Make of Membrane: FilmTecDow / Hydranautics

III. Post Treatment System

1. Storage Tank (1 No):
 1. Make: SPAG
 2. MOC: SS – 304 minimum wall thickness >0.5 mm
 3. Storage: 1000 LPH CONICAL BOTTOM
 4. Inlet / Outlet: 1 inch
 5. No. of Tanks: 1 Nos.

2. Pressure Boosting Pump (2 Nos):
 1. Make: Kirloskar or equivalent
 2. Material of Construction: Stainless Steel
 3. Capacity: 3500 LPH
 4. Pressure Rating Max: 5 Kg
 5. Motor HP: 1.0 HP
 6. Quantity: 02 Nos

3. Pyrogen Filter:
High efficiency ultra-fine filter is specially designed to filter suspended impurities from pre-treatment water up to 0.22 Micron size. Filter elements Pleated PP (absolute rated).
4. R.O Skid should be SS 304 grade 1.5 * 1.5 sq. tubes all bolt and nuts should be SS 304.

5. Treated Water Quality Level:
 1. Average TDS removal 90%
 2. Treated water hardness < 10 ppm and TDS < 50 ppm

6. It should be provided TDS and Hardness Test Kit

7. Auto Control System: (1 No.)

8. Low Pressure Switch (1 No.)

9. High Pressure Switch (1 No.)

10. Flow Meter (0-1200 LPH): 2 Nos

11. Pressure Gauge (0-7): 1 Nos

12. Pipe line, joints are PEX, etc: (1 Lot)

13. UV System (2 Nos)

14. UV System Control Panel (1 No.)

15. Stainless steel re-use sink(1 No.)

