

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 16:00:00
Bid Opening Date/Time	27-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Labour And Employment
Department Name	Na
Organisation Name	Employees State Insurance Corporation (esic)
Office Name	Hyderabad
Total Quantity	1
Item Category	RO Water Plant for Hemodialysis
Bidder Turnover (Last 3 Years)	15 Lakh (s)
Experience Criteria	1 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	30 %
Bid to RA enabled	Yes
Inspection Required	No

### EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	0.50
EMD Amount	91872

### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	2.00
Duration of ePBG required (Months).	14

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for

Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**Beneficiary:**

Dean  
ESIC Super Speciality Hospital, Sanathnagar, Hyderabad 500038  
(Prof Srinivas M)

**Splitting**

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

**RO Water Plant For Hemodialysis ( 1 pieces )**

**Technical Specifications**

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERAL FEATURES	Clinical Purpose	RO water for hemodialysis to be applied in therapies such as HD, SLED, HDF, HF	*
	Product name	RO Water Plant for Hemodialysis	*
	<b>Plant capacity (Ltrs/Hr)</b>	2000	2000
	<b>Plant type</b>	Microprocessor/microcontroller controlled Single stage RO water system ( Feed water TDS less than 500 PPM)	Microprocessor/microcontroller controlled Single stage RO water system ( Feed water TDS less than 500 PPM)
	Various stages in RO water treatment process	Pre-filter or Sediment filter, Carbon filter, Water softner, Reverse Osmosis system, Distribution system, Storage Tank, Ultraviolet disinfection, Final filtration, Final alarms, System monitoring and disinfection	*
	<b>System type</b>	Online, Offline	Online, Offline
	System shall have microprocessor based control panel for ease of	Yes	*

	operation and inbuilt process logic		
	System shall have auto start/stop based on water level in the supply tank	Yes	*
	System shall be equipped with Electrical panel/MCB for plant protection	Yes	*
PRE-TREATMENT	Raw water mesh filtering size to prevent big dust/sand particles with back wash control	50 to 200 microns	*
	Vertical water tank with automatic water float	Yes	*
	Raw water pump with automatic pressure control and run dry protection	Yes	*
	Raw water feed pump type	Centrifugal	*
	<b>Double raw water pump (one active and the other stand by)</b>	Yes	Yes
	<b>Raw water feed pump capacity (LPH)</b>	4000	4000
	Sand/iron filter with 20micron filter and sample valve	Yes	*
	Softener for one in operation while the other in standby and vice-versa with sample valve with brain tank and automatic regeneration capacity	Yes	*
	Double activated Carbon filter to remove Chlorine and Chloramines with sample valve	Yes	*
	<b>Micron particle filter after activated Carbon filter for removing suspended particles more than micron size</b>	5	5
	All pretreatment module should be programmable back wash and regeneration facility	Yes	*
	Online rotameter for measuring flow	Yes	*
	Pressure monitoring facility of all filtering stages with glycerin filled SS pressure gauge	Yes	*
	Sample valve facility for all filtering stages	Yes	*
RO UNIT FOR MAIN TREATMENT	<b>Distribution of RO plant water sufficient for number of dialysis machines</b>	30-40	30-40

	Monitoring facility for input and output water conductivity, feed water pressure and injection flow rate	Yes	*
	Alarm against low feed water, high output conductivity and high temperature of pump motor	Yes	*
	Unused water feed back facility to RO unit for saving on water injection in online mode	Yes	*
	The unit should be programmable and automatic rinsing/flushing facility at regular intervals when system is not in use, to prevent drying of filter media	Yes	*
	Emergency mode operation to run permeate output in case of electronic failure	Yes	*
RO MEMBRANE	Efficiency of unit with maximum saving of water (%)	55 to 75	*
	Sample valve for permeate	Yes	*
POST TREATMENT	<b>Material of Booster pump (offline)</b>	Stainless Steel 316	Stainless Steel 316
	<b>Vertical storage water tank with automatic float control for filling and dry run protection for off-line system</b>	Yes	Yes
	Direct and indirect feed for full close loop distribution piping system	Yes	*
	Chemical disinfection and decalcification	Semi-automatic	*
	<b>Provision of volume controlled heat disinfection of permeate loop complied with ISO 15883</b>	Yes	Yes
	<b>The permeate should be supplied to distribution loop through 0 point 2 micron bacteria filter for offline system using pex piping and high grade SS316 push pull connectors</b>	Yes	Yes
	The distribution loop should contain loop pressure regulator to maintain the desired loop back pressure	Yes	*
USER INTERFACE	Digital display of values of Conductivity/permeable flow/reject flow/temperature/pressure	Yes	*

	monitoring		
	Touch screen/button type illuminated display for easy to finger operation of user	Yes	*
	Signal and control lights with possibility to connect external lights	Yes	*
	<b>Software update via SD Card or Ethernet</b>	Yes	Yes
	<b>Memory storage device</b>	Yes	Yes
STANDARD CONSUMABLES AND ACCESSORIES	All media and consumables ( membrane, cartidge filter, filter media, chemicals, softner salt) for setting up and standardization should be provided	Yes	*
	Seller should ensure the availability of all consumables required to run the RO plant during complete warranty period to be purchased by the buyer independently at actual cost	Yes	*
	<b>UPS of Suitable Capacity to be provided</b>	No	Yes, No
CERTIFICATIONS & REPORTS	Submission of Test Report for permeate water quality as per AAMI/ISO-13959/13500 from Central Govt/NABL/ILAC accredited Lab to prove the conformity to declared specification after installation	YES	*
	Product certification	-	*
	Certificate No	-	*
	Certificate Date	-	*
	Certificate issuing authority	-	*
	Four digit number of notified body If product is EU-CE certified	-	*
	Certification, performance and safety standards specific to the device	IEC-60601	*
	Submission of all the certifications and test reports to the buyer along with supplies on demand	Yes	*
PRE-INSTALLATION REQUIREMENT FOR THE BUYER	All Pre-installation requirements along with site preparation should be provided by the seller to the buyer well in advance before the supply of equipment	Yes	*
	All Pre-installation requirements should be done by the buyer	Yes	*

	Minimum room size required for the plant (H x W x L) m	-	*
	Feed water line till RO room	Yes	*
	Number of drain outlets required	-	*
	Overhead tank for storage depending on plant size	Yes	*
	Door width required for RO room (cm)	-	*
	Airconditioning as per requirements	Yes	*
	Power requirements	220-240 VAC, single phase	*
INSTALLATION & TRAINING	Supplier to perform installation, safety and operation checks before handover	Yes	*
	Training of users in operation and basic maintenance shall be provided	Yes	*
WARRANTY & MAINTENANCE	Onsite Warranty (Yrs) without membranes and consumables	5	*
	User technical and maintenance manual detailing complete maintaining schedule with routine maintenance should be provided	Yes	*
	Contact details of manufacturer, supplier and local service agent to be provided	Yes	*

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### Additional Specification Documents

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Keerthi A	500038,ESIC SSH SANATHNAGAR	1	15

#### Bid Specific Additional Terms and Conditions

1. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
  - i) The Seller fails to comply with any material term of the Contract.
  - ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
  - iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
  - iv) The Seller becomes bankrupt or goes into liquidation.
  - v) The Seller makes a general assignment for the benefit of creditors.
  - vi) A receiver is appointed for any substantial property owned by the Seller.

- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
2. **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
  3. **Experience Criteria:** The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 1 year before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.
  4. The Buyer has an existing set up / inventory of similar products. The offered / supplied product must be compatible with existing system. The bidder has to ensure Compatibility of the supplied items or shall have to include in the supply the necessary hardware / software to make them compatible at no extra cost to the buyer. The details of items with which compatibility is required are as under: comprehensive coverage
  5. The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price: All items required till connection to the Dialysis equipments..
  - 6.1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
  2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
  3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.
  7. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
  8. **Bidder Turn Over Criteria:** The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
  9. **Availability of Service Centres:** Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
  10. **Dedicated /toll Free Telephone No. for Service Support :** BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
  11. **Escalation Matrix For Service Support :** Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
  12. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
  13. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
  14. **Warranty period of the supplied products** shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid
  15. Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope comprehensive coverage (Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)
  16. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
  17. **Timely Servicing / rectification of defects during warranty period:** After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and

cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

18. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
- Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
  - Execution certificate by client with order value.
  - Any other document in support of order execution like Third Party Inspection release note, etc.
19. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:
- Single order of at least 35% of estimated bid value; or
  - Two orders of at least 20% each of estimated bid value; or
  - Three orders of at least 15% each of estimated bid value.
- Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion
20. Bidders can also submit the EMD with Account Payee Demand Draft in favour of ESIC Savings Fund Account No 1 payable at Hyderabad.  
Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
21. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of Dean, ESIC Super Speciality Hospital, Sanathnagar, Hyderabad 38 A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter.  
Bidder has to upload scanned copy / proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
22. Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of ESIC Savings Fun Account No 1 payable at Hyderabad. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.
23. Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of Dean, ESIC Super Speciality Hospital, Sanathnagar, Hyderabad A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**