GOVT OF MAHARASHTRA
OFFICE OF THE MEDICAL SUPERINTENDENT
EMPLOYEES STATE INSURANCE SCHEME HOSPITAL

130/9, Mohannagar,Chinchwad,Pune-19
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No.ESIS/Hosp/Quotation/A-10/ 1453 /2026, Date: 2 MAR 2026

Subject- Regarding submitting quotations for RO plant for Haemodialysis and Haemodialysis Ward/Room.

As per the CEO MH-ESI Society, Worli, Mumbai,Government of Maharashtra a 10 bed Dialysis Unit is proposed to be set up in MH-ESI Society Hospital ,Mohan Nagar, Chinchwad, Pune-19.

For that purpose quotations are hereby called to set up the RO Plant and Haemodialysis Ward/Room for Haemodialysis Unit at this Hospital at Chinchwad.

Following is the list of required equipment's along with its dimensions and measurements.

SCOPE OF SUPPLY & TERMINATION POINTS

The scope of supply along with technical details:

Sr. No	DESCRIPTIONS	SPECIFICATIONS
1.	Raw Water Feed Pump	Quantity :1 no Capacity : 1500 LPH @ 25 mwc Type : Centrifugal Monobloc MOC : CI Make : KBL/Equivalent
2.	Pressure Sand Filter	Quantity : 1 no. Capacity : 1500 LPH MOC of Vessels :FRP Type of Valves : Single-multiport Auto Media : Sand + Supportive Bed Vessel Make : Pentair/ Equivalent
3.	Active Carbon Filter	Quantity : 1 no. Capacity : 1500 LPH MOC of Vessels :FRP Media : Carbon + Supportive Bed Vessel Make : Pentair/ Equivalent
4.	Antiscalent Dosing System	Quantity : 1 no. Capacity : 1.5 LHP @ 2.5 Bar Type : Electromagnetic Pump MOC : PP Make : E Dose/ Equivalent Capacity : 50 ltrs MOC : HDPE

		Make : Sintex / Equivalent
5.	Micron Cartridge Filter	Quantity : 1 Set Capacity : 1500 LPH MOC of Housing : ABS MOC of Cartridge : PP Filter Rating : 5 microns 20" Size : 20" Long
6.	High Pressure Pump for RO Feed	Quantity : 1 no Capacity : 1500 LPH Maximum Pressure : 8-9 Bar Type of Pump : Vertical Multistage Centrifugal Pump MOC : SS 304 Make : Nanfang/SImilar
7.	Reverse Osmosis System (RO)	Quantity : 1 no Capacity : 1000 LPH Membrane Specification : TFC – Polyamide Make of Membrane : Torray/GE/ Equivalent Number of Membranes : 2 Number of Membranes Housing : 2 Membrane Housing MOC : FRP/SS Piping MOC : UPVC
8.	UV System	Quantity : 2 no Capacity : 1000 LPH Make : Sukrut/Alfa/Similar UV Dose : 400 J/m2
9.	Electrical Control Panel	Quantity : 2 no Micro Processor based LCD display with water level controller and conductivity sensor
10.	Skid	Quantity : 2 no MOC : MS Power Coated/SS
11.	RO Treated Water Storage Tank	Quantity : 1 no Capacity : 1000 Ltrs MOC : HDPE Food Grade
12.	Final Product Water Storage Tank	Quantity : 1 no Capacity : 500 Ltrs MOC : SS 304
13.	Treated Water Transfer Pump	Quantity : 3 no Capacity : 2.0 m3/hr Type : Centrifugal Monoblock MOC : SS 304
14.	Instruments	Pressure Gauges : 4 no Pressure Switches : 2 no Rate of flow indicators : 2 no Level Switch : 2 no

RO Water Polishing Unit		
Particulars	Cation Unit	Anion Unit
Unit Diameter	200mm	200 mm
Height	1000 mm	1000 mm
MOC	LLDPE/HDPE	LLDPE/HDPE
Resin Quantity	30ltrs	30ltrs
Regeneration Chemicals	30% HCl-8.0 ltrs	100% NaOH -2.5kg
Max. Pressure	2.5kg/cm2	2.5kg/cm2
Min. Pressure	1.5 kg/cm2	1.5 kg/cm2
Output between Regeneration (OBR)	20 m3	20 m3
OBR Considering the 4 hrs/day of operation and regeneration once in 5 days		

Termination Points for Revese Osmosis :

Raw Water : Inlet of raw water Feed Pump

Treated Water : Outlet of RO Skid Unit.

Drain : At the outlet Of RO reject/DMF.

Additional Terms and Conditions:

1) Quotations to be Submited till the date9/03/2026 till 5 PM and will be Opened on 10/03/2026 .

2) All piping (should be of **Astral Sch-40**) and pumping before & beyond the Reverse Osmosis System.

Back Lash Water / Rinsing water disposal pipeline beyond RO Plant and its disposal.

3) Delivery of completed project within 3 weeks from work order.

4) Completition of work should not be delayed in any circumstances.

5) No advance payment will be done for the project .

6) Full payment will be done after competition of the RO Plant and dialysis Ward/Room and successful commissioning, installations and training of the plant operator personnel. Full payment will be done only after receipt of grants from Hon. CEO MH-ESI Society Office Mumbai .

7) All civil Work for RO Plant and dialysis Ward/Room .

8) All Interior decoration work for dialysis Ward/Room.

9) AC installation for dialysis Ward/Room.

10) 02 years warranty for the RO Plant machinery ,AC and other installations.

11) Annual maintenance contract (AMC) For 5 years.

12) Site Visit Report for the project.

13) Total project of dialysis Ward/Room and RO Plant on Turn Key Basis all above points inclusive will be desirable .

Required Documents-

1. Shop Act License
2. UDYAM ADHAR Certificate
3. PAN Card
4. Aadhar Card
5. GST No
6. 5 years Experience Certificate
7. Warranty for 2 year
8. AMC rate per year
9. CMC rate per year
10. Last Three Years ITR Details

Yours faithfully,

Yours faithfully,

Medical Superintendent,
E.S.I.S. Hospital, Mohannagar Chinchwad, Pune