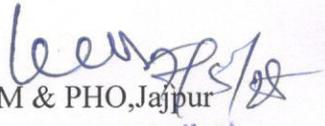


Letter No. 179 /DPMU/Jajpur

Dated: 07/05/2025.

Short Tender Call Notice

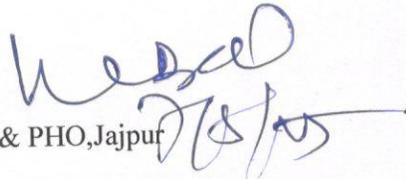
Sealed tenders are invited from registered Manufacturer or Authorised distributor or Wholesaler agencies for supply with installation of One No.of RO Plant for Dialysis unit,DHH,Jajpur under National Health Mission,Jajpur. The tender should reach the office of the undersigned by 19/05/2025 before 5.00 P.M through speed post/ Regd.post/quorier along with all relevant documents and will be opened on the next day at 11.00 A.M. The undersigned reserves the right to accept or reject without assigning reason thereof.


CDM & PHO, Jajpur
Chief District Medical
& Public Health Officer,
Jajpur

Section-A
Technical Specification

General Terms & Conditions

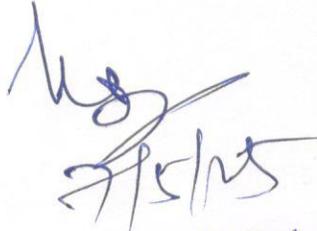
1. Tender Fees of Rs.1,000/- (Rupees One Thousand only) non refundable & Rs.5,000/- (Rupees Five Thousand only) refundable in shape of demand draft as Earnest Money Deposit in favour of CDM & PHO, Jajpur
2. Authorisation/ Manufacturing/ Import license as the case may be applicable for Authorised distributor/Manufacturer/Importer.
3. No deviation of the Technical specification of the product. (Annexure -V)
4. Copy of CE&ISO of the manufacturer .
5. Satisfactory performance certificate for the supply of same items for the last 03 years from any central or state government /Pvt. Hospital (At least three)
6. Non Blacklisted from any Central/State Govt Hospital during last 03 years. (Annexure-IV)
7. IT Return for last three FY 2023-24, 2022-23 & 2021-22.
8. Photo copy of GSTIN with up to date GST Return.
9. Forwarding letter duly signed of the bidder on the company's letter-head (Annexure-II)
10. Bidders are requested to quote the Price per unit excluding GST, Turnkey & other installation charges if any as per prescribed Format. (Section-B)
11. Bidders are requested to submit their Tender paper with all requisite documents as per Checklist (Annexure-I) by segregating the Technical Bid –Section-A & Financial Bid-Section-B


CDM & PHO, Jajpur

**Chief District Medical
& Public Health Officer,
Jajpur**

Annexure-1
CHECKLIST

S.No.	DOCUMENTS required	YES/NO.	Page No.
1	Forwarding letter duly signed of the bidder on the company's letter-head.(Annexure-II)		
2	Proforma for General Information as Annexure-III on company's letter head.(Annexure-III)		
3	Tender Fees of Rs.1,000/-& EMD of Rs.5,000/-		
4	Authorization Certificate/Manufacturing/import License		
5	Satisfactory performance certificate for the supply of Same items or similar items of the last 03 years from any central or state government /Pvt.Hospital (Enclosed Order Copy at least two)		
6	Copy of certificate of registration for GSTIN with up to date GST Return.		
7	Copy of Income Tax Return for last 03 Years(2023-24,2022-23,2021-22)		
8	CE & ISO certificate of the Manufacturer		
9	Undertaking for non blacklisted from central or any State Govt. during last 03 years in company's letter head.(Annexure-IV)		


**Chief District Medical
& Public Health Officer,
Jaipur**

Annexure-II

FORWARDING LETTER

(To be filled in by the tendering party on firm's letterhead)

The CDM & PHO, JAJPUR

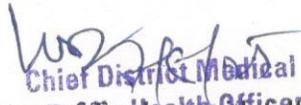
Tender Ref. No:- ~~129~~ 129/05/2025

Dear Sir,

With reference to the above Tender Enquiry I/We are submitting here with our tender documents.

- 1.** I/We certify that I/We have gone through & agree to the terms & conditions of Tender Ref No. ~~129~~ 129/05/2025 and undertake to comply with them for the contract .
- 2.** I/We are enclosing, herewith, Demand draft, D.D. No. _____ dated _____ for Rs. **05,000** drawn in favour of the "**THE CDM & PHO, JAJPUR**" towards EMD/BID Security and shall remain in the custody of the CDM & PHO till decision as to the acceptance of the tender is known. Once the tender is decided, the EMD amount shall be refunded after delivery of the items and for the disqualified bidders refunded with in 15 days.
- 3.** I/We, hereby, agree to all the terms and conditions (attached), stipulated by the CDM & PHO in this connection including penalty etc.
- 4.** I/We shall execute a rate contract on Non-judicial Stamp paper of Rs. 100/- (Rupees hundred only) in case my/our tender is accepted and if I/We asked to act so, **within 15 days** of the intimation of acceptance of rates for the tender. **In case of non compliance, this letter will be treated as rate contract.**
- 5.** I/We, the undersigned, hereby bind myself to supply with installation of RO Plant within 15 days to the CDM & PHO, Jajpur during the validity of this tender & rate-contract..
- 6.** The conditions contained herein shall form part of and shall be taken as if they are included in the agreement to be entered into or treated as agreement itself at the discretion of the Authority.

Yours truly,


Chief District Medical
Signature of Tenderer with full address
Jajpur

Annexure-III

**PROFORMA TO BE FILLED BY THE TENDERER
GENERAL INFORMATION**

Sr. No.	PARTICULARS	DETAILS
1	Name of vendor	
2	Constitution (Company /Partnership/Proprietorship)	
3	Details of registration (Registering authority, Registration. and Date	
4	Year of Commencement of Business.	
5	GSTIN No.	
6	PAN No.	
7	Whether Manufacture /Authorized Distributor / Dealer / Agency.	
8	Name (s) of the proprietor /Partner/ The/Official/authorized signatory with Designation to be contacted for this tender	
9	Telephone No. (s) Mobile No. (s) E-Mail ID - (s)	
10	Correspondence Address: (For correspondence by Speed Post)	

I've read and understood the terms and conditions for empanelment of vendors for supply of RO Plant. I fully accept the terms and conditions and I declare that the information provided in this format is true and correct to the best of my knowledge and belief. I also understand that CDM & PHO reserves the right to accept any or reject and or all of the applications without assigning any reasons at any stage.

Name:

Signature:

Designation:

Date:


**Chief District Medical
& Public Health Officer,**
 Jaipur

Annexure-IV

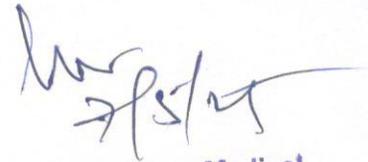
(To be submitted by the party's on firm letter head)

1. I/We certify that I/We have gone through & agree to the terms & conditions of Tender Ref No. ~~171/19~~ 05/2025 and undertake to comply with them for the contract period (valid for One year from the date of signing of the agreement deed).
2. I/We certify that, I/We have neither been blacklisted nor debarred from participating in future tenders by any State Government / Central Government organizations during last 03 years.
3. There is no vigilance / CBI case or court case pending against me/our firm or any of the partners/ These of the firm.
4. I/We, hereby, agree to all the terms and conditions, stipulated by the CDM & PHO in this connection including penalty etc.
5. I/We understand that The CDM & PHO, Jajpur reserves the right to reject any or all tenders including the lowest quotation without assigning any reasons (s) thereof.
6. I/We submit that I/We have never been convicted by the State/Central Government there under during the last 05 year in respect of any supply for which prices have been quoted by me/us.
7. I/We agree that in case of failure to supply the material within the stipulated date of delivery, the institution can go to market for local purchase of the same at my/our risk and cost and liability of this account will be limited to the performance security.
8. I/We agree that the condition on the approval of the offer that the price charged for the supply to the hospital shall in no event exceed the lowest at which I/We sell the stores of identical description to any other individual / Govt or private institution.
9. I/We shall execute an agreement on Non-judicial Stamp paper of Rs. 100/- (Rupees hundred only) in case my/our tender is accepted and if I/We asked to act so, **within 15 days** of the intimation of acceptance of rates for the tender. **However, this is to be treated as agreement otherwise.**

Name :

Sign :

Address :



**Chief District Medical
Public Health Officer,**

Annexure-V

RO Plant: Requirement-01(one)

Technical Specification of RO Plant

Basic of Design and Capacity

Object:

To commission a Reverse Osmosis System to recover 500 liters of low TDS water per hour.

Assumption:

No. of working days: 360 days

No. of working hours: 20 hrs

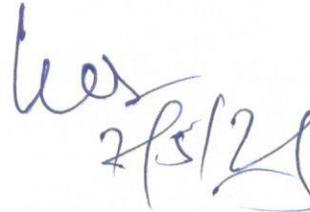
Capacity utilization: 91-95%

Inputs (Raw Water Quality): [Pre Assumed]

Total Dissolved Solids: <400 ppm

Output (Treated Water Quality): {Pre Assumed}

(A) For RO Treated Water TDS : < 10 ppm (Will depend on input TDS)


2/5/28

**Chief District Medical
& Public Health Officer,
Jaipur**

TECHNICAL SPECIFICATIONS OF RO PLANT 750 LPH & 500LPH IN FRP

1.Raw water Pump

Purpose To feed the dual media filter at pressure more than 2.0 bar, which is min.operating pressure for filter.

Specifications

- a) MOC: CI
- b) Type: Horizontal Centrifugal
- c) Flow Rate: 1000 liters per hour
- d) Head: 35m
- e) Power Required 1HP
- f) Electrical: 220V, Single
- g) Cycle: 2900 rpm
- h) Make: Ksb/Lubi (Single Phase)

i) Quantity: 2 No. (Working + 1 Standby)

2. Dual Media Filter

Purpose :-To remove the total suspended solids,dirt,iron,and reduce silt density index, which can foul the membranes.

Specifications

- a) Vessel Make: Pentair
- b) Size: FRP 13X54 (13" Dia X 54" Height)
- c) Material of Construction: FRP
- d) Testing Pressure: 10 kg/cm²
- e) Opening: Top
- f) Quantity: 1No.

Valve:

- a) Make: Initiative
- b) Material of Construction: Noryl
- c) Type: Manual
- d) Size: 1 inches
- e) Working Pressure: 2-4Kg/cm²

Media:

Mixed bed sand media consisting of the following

- i) Gravel ii) Pebbles iii) Quartz sand
- Average Porosity 50 micron particulate size
Bed depth: 600mm

Pipeline & Accessories:

Pipe of UPVC 10 bar tested pressure
Sand 3No.-3 Bag
Sand 2 No.-2 Bag
Total 5 No. Bags

3 . Activated Carbon Filter

Purpose - To remove the total color, smell, odor, from the water.

Specifications Vessel:

- a) Make: Pentair/Starlight.
- b) Material of Constructions: FRP
- c) Size : FRP 13X 54 (13" Dia X 54" Height)
- d) Testing Pressure: 10kg/cm²
- e) Opening: Top
- f) Quantity: 1No.



Handwritten signature and a circular stamp with illegible text.

Valve:

- a) Make: Initiative
- b) Material of Construction: Noryl
- c) Type: Manual
- d) Size: 1 inches
- e) Working Pressure: 2-4 Kg/cm2

Media:

Mixed bed sand media consisting of the following
 i) Gravel ii) Pebbles iii) carbon
 average Porosity 50 micron particulate size
 Bed depth: 600 mm

Pipelines&Accessories:

Pipe of UPVC 10 Bar tested pressure
 Testing cock & pressure gauges at inlet-outlet of system.
 Carbon -2 Bags (each of 25 Kg)approx with IV Valve 900

4. Water Softening Plant

Vessel:

- a) Make: Pentair/Starlight
- b) Material of Constructions: FRP
- c) Size: FRP 13 X 54 (13" Dia X54" Height)
- d) Testing Pressure: 10kg/cm2
- e) Opening: Top
- e) Quantity – 1 No.

Valve:

- a) Make: Initiative
- b) Material of Construction: Noryl
- c) Type: Manual
- d) Size: 1 inches
- e) Maximum Flow Rate: 1800LPH
- f) Working Pressure: 2-4 bar

a) Resin

Quantity : 50 liters
 Type : Strong acid cationic exchange sodium Based resin
 Model : 220 Na
 Make : Ion Exchange

b) **Brine Tank** : Capacity-50 liter, Quantity-01 No

5.Iron Removal Filter:-

Vessel:

- a) Make: Pentair/Starlight
- b) Material of Constructions: FRP
- c) Size: FRP 13 X 54 (13" Dia X54" Height)
- d) Testing Pressure: 10kg/cm2
- e) Opening: Top
- e) Quantity – 1 No.

Valve:

- a) Make: Initiative
- b) Material of Construction: Noryl
- c) Type: Manual
- d) Size: 1 inches
- e) Maximum Flow Rate: 1800LPH
- f) Working Pressure: 2-4 bar

Media Bam

Quantity : 50 liters
 Make : SNP

6. Micron Filter

Purpose To remove the fine particles up to 05 microns and reduce silt Density index levels to acceptable level

Specifications Cartridge Filter & Housing

Housing:

- a) Make: mmp
- b) MOC of Housing: pp
- c) Length: 20"
- d) Quantity: 1No.
- e) Cartridge: Big Blue 20"
- f) Make: mmp
- g) Cartridge MOC: Polypropylene
- h) Length: 20"
- i) Quantity: 1No.
- j) Micron Rating: 05 micron

7. High Pressure Pump

Purpose To feed the Reverse Osmosis Membrane at pressure more than the osmotic Pressure taking into consideration flux rate flow and recovery.

- Specifications**
- a) MOC: Stainless Steel (SS-304)
 - b) Type: Vertical Multistage
 - c) Flow Rate: 1800 liters per hour
 - d) Head: 120mwc
 - f) Electrical: 2 HP & 1.5 HP (Single Phase)
 - g) Cycle: 2900rpm
 - h) Make :CRI/Lubi
 - i) Quantity: 2 No

8. RO Membrane

Purpose To remove the major part of TDS unto 98% by Reverse Osmosis Membranes arranged and designed to give adequate flow and recovery.

- Specifications:**
- a) Type: Spiral Wounded-4
 - b) Diameter of Membrane: 4.0 inch
 - c) Length of Membrane: 1 mt.
 - d) No. of Membranes: 3+2(Total-5)
 - e) Recovery per Membrane: 10-15%
 - f) Salt Rejection per Membrane: 98-99%
 - g) Make of Membrane: (CPA -2-40-40) Hydramem (ion exchange)

9. RO Pressure Tube

Purpose To pack Reverse Osmosis Membranes and operate at high pressure up to 300 psi

- Specification**
- a) MOC: SS
 - b) No. of Pressure vessel: 5
 - c) No. of Membrane per vessel: 1
 - d) Make: SNP
 - e) Position: Horizontal, Series
 - f) Provision of one extra housing (for future use)

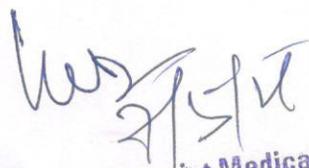
10. Electrical Panel

Purpose Control panel is provided as a safety measure for the pump & Other electrical items make- Aster inbuilt – conductivity meter –Qty-2 No.

11. Instrumentation

- Purpose**
- a) Flow Meter: To measure the online flow of water
 - b) Pressure Gauges: For calculate ΔP for each unit in RO system

Specifications **Rota Meter:**
Quantity: 4 Nos. (permeate & reject line) for 2 systems
Range: 1.0 cu.m. Per hour
Make: Aster


Chief District Medical
Public Health Officer.

Pressure Gauge: (At each outlet of DMF, ACF & Softner)

Quantity: 8 No.
Range: 0-7 Bar
Dial size: 2.5 inches
Type: Bourdon
Make: Shark

12. Pipeline & Fittings

a) Valves, pipeline before RO module and After the permeate line termination point. shall be in UPVC

The system will be on common SS-304 base frame

13. TRANSFER PUMP

MOC- SS-304
Power -1 HP
Qty. 02 No (1 Working+1 Standby)
Make- Willo/CRI/Single phase

14. Cartridge Filter With Housing (0.2 Micron Filter)

Specifications

Quantity: 1 Nos.
MOC : PP
Length : 20 inches

15. UV TREATMENT 1000 LPH

Specifications

UV Treatment
Quantity: 2 Nos.
Make: Alfa
MOC : SS-304
Model No.-15L

Clients Scope:-

- 1) Electrical Wiring
- 2) Pipeline: - Except inlet & outlet all extra pipelines shall be under client's scope.
- 3) Electric power supply during erection & commissioning.
- 4) Storage Tank
- 5) Shed Work

Terms and Conditions

The following terms and conditions shall apply to this order.

1. Validity

This offer valid for acceptance till 60 days from the date of offer.

2. Sales Tax

As per sales tax norms

3. Warranty

Warranty shall be full 1 year applicable from date of installation except on membranes. However all spare like cartridge , Membrane , Cleaning Chemical shall be charged extra.

4. Inspection

Any charges for inspection would be on the client's account.

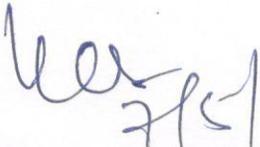
5. Facilities at site

The buyer at his cost shall arrange the following facilities at site available.

6. Water Testing :- It shall be done by the client.

The requisite utilities, manpower and raw materials should be available at the time of installation and commissioning.

All other terms and conditions shall be discussed and agreed / finalized mutually at the time of agreement.

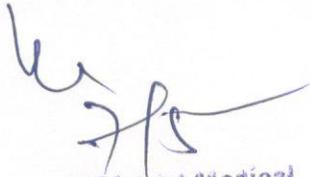

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Section-B(submitted Separately)

Financial Bid

Sr. No.	Items Category	Total Price (Rs.)				
		Qty	Unit price	GST	Installation including Turnkey Charges	Total
1.	Double Pass R.O System Water Treatment Plant based (750LPH & 500LPH)	1				

*Price without GST/Turnkey/Installation mention separately..


Chief District Medical
& Public Health Officer,
Jaipur