

Sub : Inviting BID for supply & installation of RO water plant of 4000 LPH (liter per hour) capacity System at HUDCO Building, Ahmedabad.

Dear Sir,

Housing & Urban Development Corporation Limited (HUDCO) is Government of India Enterprise under the administrative control of Ministry of Housing & Urban Affairs.

HUDCO would like to invite quotation **for supply & installation of RO water plant of 4000 LPH (liter per hour) capacity System at HUDCO Ahmedabad Regional office.** In case, you are interested, please submit your quotation/offer. You may please also note the following general terms and conditions applicable in regard to submission of quotation/offer for award of contract by HUDCO:

Scope of work :

**SCOPE OF SUPPLY & INSTALLATION OF RO WATER PLANT
OF 4000 LPH CAPACITY**

Sr.No	Item/Component	Qty
PRETREATMENT		
1.	RO Water Storage Tank	By Client
2.	Raw water pump	One No.
3.	Sand Filter-One Unit	One Nos.
4.	Activated Carbon Filter-One Unit	One No.
5.	Special Anti-Scalent Dosing System -Dosing Tank along with Dosing Pump	One No.
6.	High Pressure Pump with Motor	One No.
7.	MICRON CARTRIDGE FILTER	Four Nos.
8.RO MODULE		
	- R.O Module incorporating - RO Membrane M/s Hydranautics/GE/Torray Equivalent -R.O. Pressure Tubes [M.O.C. FRP) -RO. Skid with Electrical Control panel Based Control panel. -High pressure interconnecting piping.	One Lot.
9.	RO Water Storage Tank	By Client
10.Other Related Items		
1.	Pressure Gauges	4 Nos.- Glycerin filled bourdon Tube type
2.	Flow Meters	2 Nos. Rota-Meters by pass type
3.	Instrument Panel	1 No.- For above instruments
4.	High/LOW Pressure cut-out	1 No. – For Auto Cut-Out
5.	Electric control panel	1 No. - Stainless Steel
6.	Stand/Skid -	1 No.
7.	TDS Meter	1 No. Online
8.	Inter Connecting UPVC Piping	50 feet.

9.	High pressure line piping	10 feet. – SS304
10.	Installation and commissioning	

TECHNICAL SPECIFICATION

1] RAW WATER TANK (BY CLIENT)	Provide by Client
2] RAW WATER PUMP	
Quantity	One No.
Capacity	10000 L.P.H.
Discharge Pressure	3.0 kg/cm ²
MOC	SS-304
Make	Grundfos/CRI/Kirloskar or Equivalent

3] SAND FILTER	
Quantity	One No.
Type	Vertical Pressure Vessel with 40NB Multi Port Valve Manual
Operating capacity	10000 L.P.H
Vessel size	24 x 72 Inches
Filter Media	Silica Quartz Sand
Backwash Duration	15 - 20 mins.
Operating Pressure	3 kg/cm ²
MOC	FRP

4] ACTIVATED CARBON FILTER	
Quantity	One No.
Type	Vertical Pressure Vessel with 40NB Multi Port Valve Manual
Operating capacity	10000 L.P.H
Vessel size	24 x 72 Inches
Filter Media	Carbon
Backwash Duration	15 - 20 mins.
Operating Pressure	3 kg/cm ²
MOC	FRP

5] SPECIAL ANTISCALANT DOSING SYSTEM	
Quantity offered	One Dosing Pump
Type	Electronic Metering
Flow rate	0-6L.P.H.
Operating Pressure	1.5 kg/cm ²
Make	E-Dose
HDPE Tank Size	100 ltr

6] HIGH PRESSURE PUMP	
Quantity	One No.
Type	Vertical Type Centrifugal
Capacity	10000 LPH
Discharge Pressure	11-14 kg/cm ²

MOC	SS-304
Make	Grundfos/CRI/Kirloskar or Equivalent

7] MICRON CARTRIDGE FILTER	
Quantity	Four Nos.
Size	4"x20" = 4pcs
M.O.C. of Cartridge	Polypropylene
Operating capacity	10000 L.P.H
Micron Size	5.0 micron

8] R.O. MODULE	
Item	FRP pressure Membranes
Type of of Membrane	Thin Film Composite Polyamide Spirally Wounded (TFC)
Operating Pressure	12-15 kg/cm2
Make of membranes	M/s. DOW, GE, TORAY or Equivalent
No. of Membranes	6 Nos.
Size of Membrane	8" dia x 40" length
MOC. of Pressure Housings	Fiber Glass Reinforced Plastic (F.R.P.)
No. of Pressure Housings	2 Nos.
Size	8"x 3 Element Long

9] RO water Storage Tank	By Client
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10] Other related Items	
1] Pressure Gauges	4 Nos.- Glycerin filled bourdon Tube type
2] Flow Meters	2 Nos. Rota-Meters by pass type
3] Instrument Panel	1 No.- For above instruments
4] High/LOW Pressure cut-out	1 No. – For Auto Cut-Out
5] Electric control panel	1 No. - Stainless Steel
6] Stand/Skid -	1 No.
7] TDS Meter	1 No. Online
8] Inter Connecting UPVC Piping	50 feet.
9] High pressure line piping	10 feet. – SS304

Other Terms and Conditions:

1. The supply items of RO systems description is given at **Annexure II** and the rates should be quoted against each item on **Annexure II**.
2. The rates quoted should be mentioned clearly as basic rate, Taxes as per the Financial Bid enclosed as **Annexure –II**
3. The agency should be GST Registered in Gujarat State and shall provide the proof of GST Registration Certificate. The bills raised for the services provided should be strictly in line with GST Act.
4. Agency should have an office in Ahmedabad, for which evidence proof shall provide.
5. The agency shall provide a copy of PAN card.

6. All taxes and levies should be clearly mentioned. No extra cost will be paid, if any.
7. The agency shall deliver all the components at our premise and shall assemble install & commission the RO Plant for which no extra cost will be paid.
8. The successful bidder shall provide the minimum 1 year guarantee/warranty for the components & RO plant after satisfactory commissioning of the RO plant.
9. Bid may be sent by post or deposited in **Tender Box** available at reception in HUDCO Ahmedabad Regional Office.
10. Bid should be Submitted in three sealed covers containing EMD, Technical and Financial Bid and finally placed in one sealed cover superscribing on top **“Offer for Supply of RO water plant Systems at HUDCO, Ahmedabad Regional Office”** with the name and full address of your organization should be sent to:

The Regional Chief,
HUDCO, Ahmedabad Regional Office
HUDCO Bhawan, 2nd Floor, Ishwar Bhuvan Road,
Navrangpura,
Ahmedabad – 380 009

Bid should be completed in all respects and should reach latest by 3.00 p.m. on or before 20.03.2023. Incomplete Bids received later than the stipulated date and time shall be summarily rejected. HUDCO shall not be responsible for postal delay. The technical bid (Annexure 1) shall be opened on 20.03.2023 at 03.30 pm. The bid shall be first assessed technically and the financial bid (Annexure 2) of only those Bid which are technically qualified alongwith submission of EMD of required amount of Rs.7500/- will be opened.

11. EMD OF Rs. 7500/- in the form of DD should be drawn in favour of HUDCO, payable at Ahmedabad.
12. In case of bidders who are registered with MSME, no EMD shall be payable and any other relaxations, as may be announced by the Govt. from time to time, shall be applicable to them subject to full compliance of other terms and conditions of the tender and contract. The bidder will have to submit the copy of registration (with MSME), certificate/document along with Technical Bid.
13. EMD of successful bidder shall be retained as Security Deposit and shall be refunded after completion of contract period.
14. Payment of Supply & installation of RO water plant Systems shall be made by way of e-payment mode on satisfactory completion of installation and working of RO System after deducting applicable taxes. The payment will be made against the bill amount claimed by agency.
15. Quotations should be submitted for whole work as detailed in the scope of work & financial bid and quotations submitted for part work will not be accepted.
16. Additional conditions on any account stipulated by bidders will not be accepted.
17. Copy of any three Work orders alongwith performance certificate issued by clients, copy of GST registration certificate are to be enclosed in technical bid (as per **Annexure -I** enclosed). for qualification.
18. The financial bid (as per **Annexure -II** enclosed).

19. Bidder, before submitting of quotations should clearly understand HUDCO's requirement and may visit Office for inspection of transformers during working days (between 09:30 hrs to 18:00 hrs on Monday to Friday).
20. The supply order will be awarded to the firm which has quoted the lowest bid.
21. HUDCO reserves the right to accept or reject any or all the quotations without assigning any reason.
22. Any modification in the offer after the opening date will not be considered.
23. Bids should be complete in all respects and should fulfill all requirements or else it is liable to be rejected without assigning any reason & any communication. In addition, the bidder will be disqualified, if at any point of time it is found that information provided by him is incorrect.
24. HUDCO reserves the right to seek any clarification or verification of any information supplied by the bidder.
25. All the matter of dispute arising out of this shall be subject to courts of Ahmedabad, jurisdiction only.
26. In case of any discrepancy the English version will prevail.

Thanking you,

Yours faithfully,

Vimal Kumar Sharma
Deputy General Manager (Project)

**Quotation for supply & installation of RO water plant of 4000 LPH
(liter per hour) capacity System at HUDCO Building, Ahmedabad.**

Technical Bid

(To be submitted in separate sealed envelope)

1	Name of the Agency & its CEO	:	
2	Address & telephone no	:	
3	No of years in existence (Establishment Certificate issued by local body / Professional Tax receipt / GST Registration / Certificate of Incorporation / Partnership Deed)	:	
4	Company's Legal Status		(Limited Company / Undertaking / Joint Venture / Partnership / Others)
5	Company Category		MSME / Others
6	GST No. Enclose copy of Registration (Certificate of GST)		
7	Bank Details : Name of Bank & Branch Address & Tele. No., Fax No Type of A/c & A/c. No. MICR code of Bank IFSC Code of Bank		
8	EMD Amount with details		
9	PAN no (Copy enclosed)		
10	Office in Ahmedabad Address existence in years (Evidence proof enclosed)		

Date :

Signature :

Name of Authorized Person :

Name of Agency :

Seal

**Quotation for supply & installation of RO water plant of 4000 LPH
(liter per hour) capacity System at HUDCO Building, Ahmedabad.**

Financial Bid

Sr.No	Item/Component	Qty	Amount in Rs.
1	Supply & Installation of RO water plant of 4000 LPH capacity as per Specifications indicated in Scope of Work.	1 unit	
GST@__%			
Grand Total			

Note :

1. Applicable rate of Taxes should be clearly mentioned in above column.

Date :

Signature :

Name of Authorized Person :

Name of Agency :

Seal