



# Maharashtra National Law University, Aurangabad

(University established under Act No.VI of 2014 by State Legislature of Maharashtra)

Address: Nath Valley Road, Kanchanwadi, Aurangabad-431005 (Maharashtra)

Website: [www.mnlu.ac.in](http://www.mnlu.ac.in)

E-mail ID: [registrar@mnlua.ac.in](mailto:registrar@mnlua.ac.in)

MNLUA/PC/RO\_Plant/2022-23/NIQ-

Date:28.02.2023

## **Notice Inviting Quotations**

Maharashtra National Law University, Aurangabad is inviting Sealed Quotations from registered reputed Manufacturers/Companies/Suppliers/Agencies for supply of “**Reverse Osmosis (RO) Plant**” on or before **11.03.2023**.

- **1000 LPH RO Plant - A 7 stage and should be Anti-Bacteria, Silver dose, Taste enhancer, and Activated Carbon Filter for the post water treatment for 400-500 Students of Hostel of MNLUA.**
- The Detail of Indicative Plant and Technical Specifications are given in Annexure A and Annexure B.

### **Eligibility:**

- i. The Supplier should have expertise in the area of RO plants at least for the past 5 years. Printed brochure/Order numbers/Order copies/Other proof for 3 such plants should be enclosed (Without which the bid will be summarily rejected).

### **SCOPE OF WORK**

- i. The scope of work includes, Design, Fabrication, Testing, Transport to Site, Erecting, Testing and Commissioning of the plant.
- ii. All necessary, Water Lab Tests Reports, Statutory Approvals, as applicable, is the responsibility of the supplier.
- iii. All internal piping and cabling are included in the scope of this work.
- iv. The electric points for all the machinery are included in the scope of work.
- v. The University shall be the final authority to reject full or any part of the supply, which is not confirming to the specifications and other terms and conditions. No payment shall be made for rejected stores. Rejected items must be removed by the tenderer within two weeks of the date of rejection at their own cost and replaced immediately. In case rejected items are not removed it will be destroys at the risk, responsibility & cost of Manufacturer.

### **Warranty**

- i. The warranty shall remain valid for 24 months from the date of installation at consignee destination.
- ii. The Supplier should submit the written warranty that all goods supplied under the Contract are of the most recent or current models and that they incorporate all recent improvements in design and materials provided.
- iii. Upon receipt of a written notice from the Purchaser, the Supplier shall, within the period of 15 days replace the defective Goods without cost to the Purchaser.



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## Annual maintenance Contract & CMC

- i. Tenderer will have to agree for Annual Maintenance Contract (AMC)
- ii. Payment for AMC on yearly basis will be made by the end user at the end of year after satisfactory performance report.

## Terms and Conditions:

- i. The quotations should be submitted in a sealed cover super scribed “**Quotation submitted for .....**” Send to “**The Registrar, Maharashtra National Law University, Paithan Road, Kanchanwadi, Aurangabad-431005 (Maharashtra).**”
- ii. **Rates should be inclusive of GST, Freight, and Packing & Forwarding, etc.**
- iii. Any discount, taxes, delivery period, mode of delivery, warranty period, payment terms and conditions, etc. should be clearly mentioned.
- iv. Payment will be made after satisfactory completion and inspection.
- v. Incomplete quotations and quotations received after the due date, quotations which are not in proper format will be summarily rejected.
- vi. MNLU, Aurangabad reserves the right to accept/reject any/all quotations without assigning any reasons.
- vii. In case of receipt of an inadequate number of bids the last date will stand extended by another 07 days for another two occasions.
- viii. Pre-dispatch inspection will be carried out in the premises of the suppliers/manufactures by a team of officers nominated by the University.
- ix. **Qualifying as L-1 shall NOT be the sole criterion to award of Work Order. The award of Work Order will be given to such bidder who is selected by the Purchase/Inspection Committee, not necessarily L-1.**
- x. For any clarification you may contact 0240-2953575 or email– [registrar@mnlua.ac.in](mailto:registrar@mnlua.ac.in).

SD/-  
Registrar  
MNLU, Aurangabad

### Copy to –

- OSD to Hon’ble Vice-Chancellor, MNLU, Aurangabad
- Finance and Accounts Officer, MNLU, Aurangabad
- IT Section – for Website Upload
- File



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## Annexure-A

**1000 LPH RO Plant - (RO+PSS), a 7 stage and should be Anti-Bacteria, Silver dose, Taste enhancer, and Activated Carbon Filter for the post water treatment for 400-500 Students of Hostel of MNLUA**

### Indicative Specifications

SL. NO.	ITEM DESCRIPTION	QUANTITY
1	Plastic Tank (2000 Ltr) 3 Layer	01 no.
2	1465 Vessels	02 no.s
3	40 NB Multiport Valves	02 no.s
4	Sand Bags	03 no.s
5	Carbon Bags	02 no.s
6	Raw Water Pump (1 HP)	01 no.
7	Dozing Pump	01 no.
8	SS Skid (40 mm) (SS 304)	01 no.
9	Flow Meters	02 no.s
10	Pressure Guages	02 no.s
11	Panel Board	01 no.
12	Filter Housings (Jumbo) 20"	02 no.s
13	Jumbo Filters	02 no.s
14	High Pressure Pump	01 no.
15	Membrane Housing (8040)	01 no.
16	Membrane 8040	01 no.
17	<u>SS Tank</u> (2000 Ltr.)	01 no.
18	Pipes & Fittings (CPVC)	01 Lot
19	UV System (1 Mtr)	01 no.
20	Commercial Floats	02 no.s
21	Dozing Chemical	01 no.
22	TDS Meter	01 no.
23	Low-Pressure Switch	01 no.
24	High-Pressure Switch	01 no.



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## Annexure-B

### INDICATIVE TECHNICAL DETAILS

#### 1000 LPH RO Plant Specification

##### Row Water Feed Pump

Type	:	Monoblock Centrifugal
Material Of Construction	:	C.Is
Make	:	CRI , Kriloskar
Drive Motor	:	Single Phase

##### Sand Media Filter

Working	:	Downflow
Max Flow Rate	:	3m <sup>3</sup> /Hr
Min. Flow Rate	:	0.5 M <sup>3</sup> /Hr
Working Pressure	:	1.5 – 3.5 Kg/Cm <sup>2</sup>
Size	:	13"X54"
Make	:	Pentair
Valves	:	Multiport Valve 25mm
<u>Carbon Filter Working</u>	:	Down Flow
Max Flow Rate	:	3m <sup>3</sup> /Hr
Min.Flow Rate	:	0.5m <sup>3</sup> /Hr
Working Pressure	:	1.5 – 3.5 Kg/Cm <sup>2</sup>
Size	:	13"X54"
Make	:	Petair
Valves	:	Multiport Valves 25mm

##### Antiscalant Dosing Unit

Make	:	UKL ,IMP
Capacity	:	6 LPH @ 3.5 Bar
Storage Tank	:	
Capacity	:	

##### Micron Cartridge Filter

Quantity	:	1 Sat
Flow Rate	:	3m <sup>3</sup> /Hr
Rating	:	5 Micron
Make	:	Filtech/ USF

##### Cartridge Housing

Quantity	:	2 Nos.
Make	:	Polycarbonate



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## ▪ High Pressure Pump

Type	:	Multistage Centrifugal
Make	:	Nuton ,CRI
Drive Motor	:	Single Phase
Model	:	CDL- 2-180

## ▪ Membrane Housing

Type	:	FPR
PSI	:	250
Make	:	HSP, ALFA, Imp
Size	:	4080 E2

## ▪ Membrane

Type	:	High Rejection Brackish Water
Membrane	:	CSM/HI- TECH /LG
Modal	:	4080
Size	:	40" X 80"
Rejection	:	99.3%

## ▪ Flow Meter

Quantity	:	2 Nos.
Type	:	Glass Tube Rota Mater
Make	:	Flow Max,IMP

## ▪ Gauge

Quantity	:	3 Nos
Type	:	IMP
Make	:	Back Mounted