

**NOTICE INVITING TENDER FOR THE SUPPLY OF RO MAINTENANCE MATERIALS**  
**AT IIM TIRUCHIRAPPALLI**

**E-Tender No. 25SP090T dated: 11.06.2025**

Details	Date	Time	Venue
Name of Work/ Service	<b><i>“Tender for the Supply of RO Maintenance Materials at IIM Tiruchirappalli”</i></b>		
Date of issue of Tender Document	11.06.2025	17.00 Hrs. onwards	-
Last date for Submission of Tenders	02.07.2025	17.00 Hrs.	-
Opening of Technical Bid and Price Bid <i>(Tentative)</i>	04.07.2025	11.00 Hrs.	-
Validity of Tender	<b>90 days</b> from the date of opening of the price bid.		
Tender Document	From 11.06.2025 to 02.07.2025 (up to 17:00 Hrs.) on e-tendering website <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> The tender document can only be obtained after registration of the tenderer on the website <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> .		
Mode of Submission of Tender	The process will be conducted only through the Central Public Procurement (CPP) Portal online.		

**OVER VIEW**

Indian Institute of Management Tiruchirappalli (IIM Tiruchirappalli) is an Institute of National Importance under the Ministry of Education, Government of India. For more details about IIM Tiruchirappalli, please visit our website at [www.iimtrichy.ac.in](http://www.iimtrichy.ac.in).

IIM Tiruchirappalli invites e-tenders from the service providers/contractors for the ***Supply of RO Maintenance Materials at IIM Tiruchirappalli.***

Service Description	Estimated Tender Value (Excluding GST)
<b><i>Supply of RO Maintenance Materials at IIM Tiruchirappalli.</i></b>	Rs. 6,60,000/-

### **Procedure for Submission of Bids**

#### **1. General**

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, preparing their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

#### **2. Registration**

- a) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrolment” on the CPP Portal, which is free of charge.
- b) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- c) Bidders are advised to register their valid email addresses and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- d) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g., Sify/nCode/eMudhra, etc.), with their profile.
- e) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible for ensuring that they do not lend their DSCs to others, which may lead to misuse.
- f) Bidder shall then log in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token.

#### **3. Searching for Tender Documents**

- a) There are various search options built in the CPP Portal to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords, etc., to search for a tender published on the CPP Portal.
- b) Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to inform the bidders through SMS/e-mail in case a corrigendum is issued to the tender document.
- c) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

#### **4. Preparation of Bids**

- a) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents, including the names and content of each of the documents that need to be submitted. Any deviations from these may lead to rejection of the bid.
- c) Bidder, in advance, should keep the bid documents ready to be uploaded as indicated in the tender document/schedule, and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 200 dpi with colour/black and white option, which helps in reducing the size of the scanned document.
- d) To avoid the time and effort required in uploading the same set of standard documents, which are required to be uploaded as a part of every bid, a provision of uploading such standard documents (e.g., PAN card copy, GST Certificates, auditor certificates, etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for the bid submission process

#### **5. Submission of Bids**

- a. The Bidder should submit the bid online in two parts, viz. Technical Bid and Price Bid. Technical Bid, along with required documents, should be in PDF format and uploaded online. Price Bid in MS Excel “.xls” format only should be uploaded online.
- b. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time, i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- c. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- d. Bidders are requested to note that they should necessarily submit their financial bids in the format provided, and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and filled out by all the bidders. Bidders are required to download the BOQ file, open it, and complete the blue coloured (unprotected) cells with their respective financial quotes and other details (such as the name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save them and submit them online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- e. The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referring to the deadlines for submission of the bids by the bidders, opening of bids, etc. The bidders should follow these timelines during bid submission.

- f. All the documents being uploaded by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the Secure Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system-generated symmetric key. Further, this key is subjected to asymmetric encryption using buyers'/bid openers' public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- g. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- h. Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- i. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
- j. The off-line Tender will not be accepted, and no request in this regard will be entertained whatsoever.

**TECHNICAL SPECIFICATION**

The details of the technical specifications are updated in the table below:

Sl. No	Description of items	Unit	Qty
1	Item Name: RO Membrane, Type: Spiral Wound Reverse Osmosis Membrane Element, Size: 40" x 40" (Diameter 4 inches × Length 40 inches), Material: Thin Film Composite (TFC) Polyamide, Operating Pressure: 150–600 psi (typical), Max. 1000 psi (depending on model), Salt Rejection: ≥ 98% (at standard test conditions, CPWD approved brand.	Nos	30
2	Name: Flowmeter, Range: 60-660 LPH, Application: RO plant, CPWD-approved brand.	Nos	12
3	Name: Flowmeter, Range: 1200 LPH, Application: RO plant, CPWD-approved brand.	Nos	5
4	Name: Controller, Model: NXT 11, Supply: Single Phase, Make: Astrol	Nos	3
5	Name: Micron filter housing, Size: 20 inch, Application: RO plant	Nos	20
6	Name: Wound filter, Size: 20 inch, Application: RO plant	Nos	20
7	Name: Hose tube, Size: 3/8, Application: RO plant	Meter	50
8	Name: Hose tube, Size: 6 mm, Application: RO plant	Meter	50
9	Name: Dossing pump, Flow rate: 0-6 LPH, Discharge Pressure: 4-10 bar, Material: PVC, Power supply: 230 V, Application: Antiscalent, CPWD-approved brand.	Nos	2
10	Name: Nipple, Size: 1/4", Material: Stainless steel	Nos	10
11	Name: T joint, Size: 1/4", Type: Female Thread, Material: Stainless steel	Nos	10
12	Name: Reducer, Size: 3/4 "X1/4", Material: Stainless steel	Nos	10
13	Name: Micron filter Oring, Size: 20", Application: RO plant	Nos	25
14	Name: Raw water mono block motor, Make: Kirloskar, Model: Mini 30C, Head: 6-25 meter, Supply: Single phase.	Nos	2
15	Name: Water Tank, Material: Plastic, Colour: Block, Plastic Storage Capacity: 500 Litre, diameter: 40.5", Length: 29.1", and Man Hole diameter: 15.7", Shape: Round, including necessary water inlet and outlet provision required. (CPWD-approved brand)	Nos	1
16	Name: 500 Litre tank cap, Man Hole diameter: 15.7"	Nos	10
17	Name: Float sensor, Liquid Sp. gr. Min: 0.7 Temperature Max: 70 °C Test Pressure Max: 1 Kg/cm2 Guide Tube MOC: PP Float: PP solid, Ø25 Connection: M10 with washer & locknut Standard Mounting: Top	Nos	5

	Switch Capacity: 10 VA (NO) Switch Action: NC to NO Reversible Sw. Action: No Differential: $\pm 3$ mm Switching Voltage Max: 140 VAC/200 VDC Switching Current Max: 0.5 A Termination: 300 mm extension leads		
18	Top mount, 25NB (1") Multiport valve, Application: RO plant	Nos	1
19	Name: Anti-scaldent, Model: Radix 31, (5 kg can), Application: RO plant	Kg	10
20	Name: 1/2" Plug dummy, Male Thread Square Head Steel (GI) Dummy Plug	Nos	20
21	Name: Teflon tape (Size: 12 mm X 10 mtr)	Nos	100
22	Name: Brush Bottle Cleaning (Small Size)	Nos	5
23	Name: Micron Filter Housing open key (Outer filter size: 10 inch)	Nos	3
24	Name: High Pressure Switch, Make: Donfoss, Model: KP36. AS/6430W	Nos	5
25	Name: Low-Pressure Switch, Make: Donfoss Model: KP 36. AS/6430W.	Nos	5
26	Name: Cooler tap (Male thread type, Female thread type), Size: 1/2 inch (Each 10 Nos)	Nos	20
27	Name: Float valve (4" length Male Thread) , Material: Plastic , Application: Water cooler	Nos	10
28	Name: Float valve (female thread), Application: Water cooler	Nos	10
29	Name: L-Type Straight Elbow Connector, Size: 3/8 "	Nos	50
30	Name: T-Type Connector, Size: 3/8 "	Nos	50
31	Name: Straight Connector 3/8*3/8 Inch	Nos	50
32	Name: L-Type Straight Elbow Connector, Size: 3/8" X 1/4 "	Nos	10
33	Name: T-Type Connector, Size: 3/8" X 1/4 "	Nos	10
34	Name: Single way Angel cock, Size: 1/2 inch	Nos	10
35	Name: Cooler waste hose, Size: 1/2"	Nos	25
36	Name: L bed, Maximum Diameter : 1/2 inch Material : UPVC Bend Angle : 45 degrees Usage/ Application : For Pipe Fittings End Connection Type : Male Surface Finishing : Polished Threading Type : MPT Colour : White	Nos	20
37	Name: 2.5 sqmm Leg (Ring Type & U type )	Nos	25



38	Name: 1.5 sqmm Leg (Ring Type & U type )	Nos	25
39	Name: Cooler compressor	Nos	2
40	Name: Membrane, Model: (BW -60-1812-75), Make: Film Tec	Nos	8
41	Name: Motor, 24Vdc, 2.2L/min, Amps: 0.70	Nos	5
42	<b>Name:</b> RO Flow RESTRICTOR FR 450 ML Reject Valve for RO ¼ QC for Membrane Water Purifier Service Media Filter Cartridge	Nos	12
43	Name: M-seal, Capacity: 100 grm	Nos	5
44	Name: Araldite, Standard Epoxy adhesive Glue 2 Part Resin & Hardener free postage 13gm(resin 7gm + 6gm hardener)	Nos	5
45	RO Service Kit 11W 8" Inch UV Lamp for RO/UV Water Purifier	Nos	5
46	<b>Name:</b> 1/4 Inch 6 mm RO Water System Connector – T type Fittings	Nos	30
47	<b>Name:</b> 1/4 Inch 6 mm RO Water System Connector Set, L type Fittings.	Nos	30
48	<b>Name:</b> 1/4 Inch 6 mm RO Water System Connector Set, I Type Fittings	Nos	30
49	Name: post carbon filter ATB, Size: 10 inch	Nos	10
50	Name: Pre-carbon filter ATB, Size: 10 inch	Nos	10
51	Name: Sediment & carbon filter, Material: Plastic Product Dimensions: 20D x 20W x 20H Millimetres, Make: Kent	Nos	10
52	Name: High Flow RO Membrane in Welded Housing Compatible with All Kent RO Water Purifiers	Nos	5
53	Name: Inline sand filter, Make: Kent	Nos	10
54	Name: Post carbon filter, Make: Kent	Nos	10
55	RO UF Membrane Welded 8 Inch Ultra-Filtration Element RO UV UF Mineral Purifier Solid Filter Cartridge, <b>Make: Kent</b>	Nos	10
56	Name: 24V DC motor, DP 100 1.6 m/ltr, Make: kent	Nos	2
57	Name: CNKB Feed Valve Type: Solenoid Valve (Feed Water Inlet Control) Voltage Rating: 24V DC Application: Used in RO (Reverse Osmosis) water purification systems to control the flow of feed water Coil Type: Normally Closed (opens when energized) Operating Pressure: 0.2 – 0.8 MPa (2 – 8 bar)	Nos	10
58	Name: Power adapter, Input: 230V and Output: 24V, Amps: 2.5	Nos	2

**General Terms & Conditions**

1. **The total amount should be including supply, labour, packing, forwarding, loading and unloading, freight charges, and excluding GST.**
2. **Delivery at:**  
**Estate Office (Store)**  
Indian Institute of Management Tiruchirappalli,  
Trichy- Pudukkottai High way, Tiruchirappalli – 620 024.  
**Contact: Email: [purchase@iimtrichy.ac.in](mailto:purchase@iimtrichy.ac.in) | Phone: 0431 – 250 5121/53/67.**
3. Bidder should take into account the Corrigendum/Addendum published in the CPP Portal and the IIM Tiruchirappalli website on the tender page from time to time before submitting the bids.
4. **Warranty:** The equipment/item delivered by the vendor should be covered under the Original Equipment Manufacturer (OEM) warranty, effective from the date of delivery or installation, whichever occurs earlier. During the warranty period, the OEM or its authorized agency shall provide comprehensive support, including repair or replacement of defective parts, at no additional cost during the warranty period.
5. **Delivery:** within 25 days from the date of receipt of the Purchase Order. If the agency/firm fails to complete the work within the stipulated period, the institute has the right to cancel the Purchase Order or take appropriate actions as deemed necessary.
6. The Bidder (s) should be registered with the Goods and Services Tax Council for the purpose of Goods & Services Tax (GST). A copy of the GST registration certificate has to be submitted with the tender document. ***A copy of the GST Registration Certificate, PAN, and Bank account details should be submitted along with the Bid.*** The names appearing on all these documents and the tender document should be the same or linked.
7. **Additional Quantity Clause:** IIM Tiruchirappalli shall exercise an option to procure additional Quantity of the items in addition to the quantity initially mentioned in the tender at the same rate, terms & conditions of the tender. It will be entirely at the discretion of the Buyer (IIMT) to exercise this option or not.
8. **Repeat Order Clause:**  
IIM Tiruchirappalli shall place the repeat order for the same quantity of the items or less as per the rate quoted by the successful Bidder (L1) within six months from the date of supply/successful commissioning/installation of the work with the same terms & conditions of the tender. In extraordinary circumstances, a repeat order shall be placed within 01 (one) year. It would be entirely at the discretion of the buyer (IIMT) to place the repeat order or not.
9. If you have any **technical queries**, please email to [estatemanager@iimtrichy.ac.in](mailto:estatemanager@iimtrichy.ac.in) by marking a copy to [purchase@iimtrichy.ac.in](mailto:purchase@iimtrichy.ac.in) / 0431 - 250 5166/5156 before submitting the tender.
10. **The bidder should quote the rate for all the items; failing which, the tender will not be considered for further evaluation.**
11. IIMT reserves the right to change/extend/modify/amend, or delete any of the conditions, clauses, or items stated therein any or all provisions of this Tender document. Such revisions/amendments/corrigenda will be made available on the website of the CPP Portal and the IIMT Tender portal.



12. IIMT also reserves the right to withhold or withdraw the process at any stage with intimation to all the bidders who have submitted the tender/tender.
13. No telex/telegraphic/fax tenders will be accepted.
14. **Payment Terms**
  - a. No advance payment will be made in any case.
  - b. Payment will be released within 25 days, from the date of delivery of all items along with submission of Original Invoice / Bill.
15. Tax will be deducted as per the rule in force.
16. **Jurisdiction:** All disputes arising out of this contract shall be subject to the Courts at Tiruchirappalli.
17. **Force Majeure:**
  - a. Should any force majeure circumstances arise, each of the contracting parties shall be excused for the non-fulfilment or for the delayed fulfilment of any of its contractual obligations, if the affected party, within 15 days of its occurrence, informs in a written form the other party.
  - b. Force Majeure shall mean fire, flood, natural disaster, or other acts such as war, turmoil, sabotage, explosions, epidemics, quarantine restrictions, strikes, and lockouts i.e., beyond the control of either party.

**ANNEXURE-I: (PRICE BID - BOQ)**

**Price Bid in MS Excel (.xls format) file should be uploaded separately as per the instructions provided in the online submission of bid.**