

TECHNICAL BID PROFORMA
Item Name: Deionized Water System

1.0 Bidder Eligibility Criteria:

I	Bidder Eligibility Criteria-I (Public Procurement – Preference to Make in India)	Class I / Class II	Local Content value	Reference, Page No.
I	Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P-45021/2/2017-PP (BE II) dated 16 th September 2020 and other subsequent orders issued therein.			
2.0	Bidder Eligibility Criteria-II	Complied/Not Complied	Reference Page No.	Remarks, If any
1	The supplier/vendor must be an original equipment manufacturer or an authorized agent/dealer/seller of the item. The vendor should have supplied at least 5 similar units at other IITs or NITs, or national laboratories and research centres (DRDO/CSIR/BARC/IGCAR), or R&D centres of reputed multinational companies, or globally recognized universities, in the last 5 years. PO copy, or performance certificate, along with contact details (for these organizations) needs to be submitted.			

3.0 Technical Compliance:**Equipment feature:**

Sl.No.	Specifications	Complied/Not Complied	Reference Page No.
1.	The instrument must be able to purify the water for analyses of analytical and microbial assays.		
Specific Technical Requirements:			
2.	The purified water should have resistivity of 18.2 million Ohm-cm (18.2 megaohm) and conductivity of 0.055 microsiemens.		
3.	The flow rate should be up to 1 litre/min.		
4.	Total organic content should be below 3 ppb.		
5.	The maximum volume production per hour shall be at least 20 litres.		
6.	Should consist of reverse osmosis cartridges to remove >99% of impurities in tap water.		
7.	Digital display should be available.		
8.	Should have flexibility of being placed on laboratory bench or be mounted on the wall.		
9.	Should have warning system for replacing consumables.		
10.	CO ₂ absorbing mechanism should be provided to prevent TOC increase.		
11.	Recirculation pump should be available to protect the purified water from bacterial growth.		
12.	Should have a UV lamp for the water treatment		

13.	Warranty:	3 year.		
14.		Optional Quote-1: Additional 2 years warranty may be quoted separately.		
15.		Optional Quote-2: AMC beyond 3 Years Warranty period		
16.		(Optional quotes will not be taken up for price bid comparison)		

Other Terms and Conditions

1.	The system should be delivered within 14-16 weeks from the opening of the letter of credit or issue of the purchase order, whichever is later.		
2.	Costs and related information should be given only in the financial bid.		
3.	The cost should include all delivery costs up to IIT Madras.		
4.	The warranty shall commence only from the date of equipment installation at IITM.		
5.	IIT Madras reserves the right to exclude some items from the purchase. As part of tender technical evaluation, IIT Madras will approach the past end users for feedback and in case of any adverse feedback the bidder will be technically disqualified.		
6.	The system should be installed and commissioned with no additional cost.		
7.	Training at IIT Madras should be provided with no additional cost.		
8.	System manual should be provided in CD or pen drive form.		
9.	Services and spares should be necessarily available within India.		

	Technical Bid should comprise of the following	Complied/Not Complied	Reference Page No.
1.	Detailed Technical brochure		
2.	Detailed technical write up explaining how each of the Technical Specifications are complied with, indicating the location in the brochure		
3.	The vendor should guarantee round the clock technical support not only during the warranty period but even beyond through an annual maintenance contract. Demonstration of having provided such satisfactory technical support to customers shall be enclosed with the technical bid.		
4.	The manufacturer must have a well-qualified technical support team		

(Note: It is mandatory for the bidders to provide the compliance statement in tabular column format along with catalogue page number (comply/not comply) for the above points with document proof as required. Failing which bidders will be technically disqualified)

**SIGNATURE OF BIDDER ALONG WITH
SEAL OF THE COMPANY WITH DATE**