

Ref: INS/L-5109/2019-2020(Y)

Date : 08/05/2019

ENQUIRY

Dear Sirs,

Please let us have your lowest Quotation for the following :

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		Ultrapure (Type I) Water Purification System & Laboratory Water Purification System Type II Grade (Specifications Attached)		1.00	No.

Remarks : The Price quoted against this RFQ should be extended to Bangalore Life Science Cluster (BLiSc) of NCBS, InStem and C-CAMP for placing repeat order as per norms, by any one or all institutes of Bangalore Life Science Cluster (BLiSc). **inStem is a public funded research institute and is entitled to concessional rate of GST @ 5% for items supplied for research purpose. The offer should be submitted after fully considering the above notification. **

Note :

1. The bids shall be enclosed in an envelope , and due date sealed duly marked "Tender for _____" Ref No : _____. The bids should be addressed and to be mailed to "THE HEAD-PURCHASE". The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail , it should reach by submission Date and Time and inStem will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS

27/05/2019 till 5.30 p.m.

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The Validity of your quotation should be for 60 days from the date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & Warranty period.

7. Delivery to be made to our Stores. Please indicate charges, if any extra. Transit Insurance should be done upto inStem Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, Please state so and then offer alternative to quality/Specifications.

9. Payment : within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs Duty (Except ad valorem duty of 5% + 2% cess and CVD @ 4% vide Notification No. 51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices taking this option into consideration.

If the items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.



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12.If the item is covered under DGS&D rate contract,please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13.Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees.The decision of the arbitrator shall be final and binding on the parties.The venue for arbitration shall be Bangalore.The provisions of the Arbitration and Concillation Act,1996 as amended from time to time shall apply.The Courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

Yours faithfully

For and on behalf of Insitute For Stem Cell
Biology and Regenerative Medicine



Yesu R



GKVK, Bellary Road, Bangalore-560065,INDIA

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Website : www.ncbs.res.in



Specification for Ultrapure (Type I) Water Purification
System & Laboratory Water Purification System Type II Grade.

1. Two stage water purification for system(two separate system) for Type 1 and Type 2 to support all critical applications.
2. Should have Deionisation Technology to Remove Ions as Contaminants from Type 2 water Constant quality & continuous performance
3. Tank level sensors should be there
4. Provision to prevent back flow on Reverse Osmosis must be there
5. Recirculation Loop from tank to DI is required for keeping the tank water clean
6. Automatic rinse and flush with automatic Sanitisation
7. Provision of conductivity and resistivity meters,
8. TOC monitoring display is required on to the Type 1 system for better monitoring, TOC indicators will not be acceptable
9. Conductivity cells are carefully calibrated prior to each measurement via built-in reference resistance with cell constants at 0.01 cm⁻¹
10. Measurement of inlet pressure, pressure on RO cartridge, water level in tank, flush/rinsing /standby /operate mode with auto test of all measurements
11. Storage Tank must be there with recirculation facility to keep the Type 2 water fresh
12. Storage Tank must be Inbuilt to save the space and help in recirculation of stored water.
13. Storage Tank has to be 80Ltr or more
14. Alarm at low pressure, quality below set point, exchange pack
15. Floor top/Wall mounting / table top mounting facility
16. Provision for softener included (if required)
17. Pre-treatment should be there with activated carbon with 5 micron pre with hardness stabiliser
18. Type 2 water: 10-15 MΩ.cm@25 °C.
19. Type 1 water: Resistivity of 18.2 MΩ.cm@25 °C
20. TOC without UV: < 10 ppb, TOC with UV: < 5 ppb
21. Less than 2 Particulates/mm with size > 0.22 μm
22. Less than 0.01 cfu/mL microorganisms
23. Very low level of Endotoxin(<0.0001EU/ml)
24. Very low level RNase (< 0.003pg/mL), DNase (< 0.4pg/mL)
25. Flow rate for Type 1 water: at least 2 L/min
26. Production rate for Type 2 water – more than 40Ltr/Hour
27. System should have the remote dispenser
28. Option of Validation services
29. System should be both ISO & CE (European CE) certified to ensure quality .Certificate copies should be enclosed in technical bid.
30. Consumables for 2 years to be included with system including two spare RO.
31. Guarantee/warranty –5 years followed by 5 years AMC/CMC

