



Ref: INSIF-5772/2017-2018(Y)

Date : 06/11/2017

ENQUIRY

Dear Sirs,

Please let us have your lowest Quote/Proforma Invoice indicating cost including packing ,insurance,estimated airfreight charges,handling charges,etc.CIF/CIP upto inStem Stores for the following materials.

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		Ultra pure water purification system- Type-I Laboratory Grade (specifications Attached)	Any	1.00	No.

Remarks: The Tenders to be quoted in foreifn currencies- USD/Euro/JPY/GBP/SGD/CAD or any other currencies approved/traded by RBI.

Please also indicate specifically the following :

1. The bids / quotation addressed to "**THE HEAD-PURCHASE**" with Tender / Enquiry Ref No and Item Description should reach us before submission Date and Time. The bids / quotation are liable to be rejected , if not addressed to "**THE HEAD-PURCHASE**".
2. **EXIM CODE -8 digit customs tariff Number -HSN (Harmonised System Nomenclature)**
3. Country of origion
4. Place of Shipment
5. Name, address,telephone number and fax numbers of your bankers.
6. Your Account number and swift number with the bank(required for payment purposes if the order materialises on your firm).
- 7.**Please Indicate frieght and insurance charges seperately.**
- 8.Please Indicate the Warranty Period and Delivery Period.
- 9.Kindly expedite sending your Quote/Proforma Invoice/Invoice by courier so as to reach us latest by **27/11/2017 till 5.30 p.m.**

Important Note

- 10.Shipping by AIRFREIGHT ONLY-CARGO MODE
- 11.Port of Entry for Customs clearance is -BANGALORE
- 12.Please use International Freights which arrive directly into Bangalore.Ex.Lufthansa Airlines Cargo,Singapore Airlines Cargo.



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13.NO SHIPMENT SHOULD BE MADE THROUGH COURIER COMPANIES LIKE FEDEX,TNT, UPS,DHL ETC.SHIPMENTS SENT THROUGH FEDEX,TNT,UPS,DHL,ETC.WILL NOT BE ACCEPTED BY NCBS.

14.inStem is exempted in paying customs duty(except advolerum duty of 5% + 2% cess and 4% CVD on CIF value) PLEASE NOTE THAT PAYMENT WILL BE MADE THROUGH SIGHT DRAFT THROUGH BANK(CASH AGAINST DOCUMENTS).DOCUMENTS WILL BE RELEASED FROM THE BANK IMMEDIATELY ON RECEIPT OF THE INTIMATION.BANK CHARGES INSIDE INDIA SHALL BE TO NCBS ACCOUNT AND OUTSIDE INDIA SHALL BE TO YOUR ACCOUNT.ALSO DO NOT INCLUDE CHARGES TOWARDS CUSTOMS DUTY IN YOUR PRICES SINCE NCBS WILL BEAR THIS EXPENDITURE.

Yours faithfully

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

A handwritten signature in black ink, appearing to be 'Yasu R'.

GKVK, Bellary Road, Bangalore-560065,INDIA

Phone No. : 91-80-23666343/344/345/346

Fax : 91-80-23636662

Email Id: purchase@ncbs.res.in

Website : www.ncbs.res.in



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inStem

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Technical Specifications for Ultrapure (Type I) Water Purification System

1. The system must accept Type II water as feed.
2. Type I water must be produced from a mixed bed of ion exchange resin & activated carbon cartridge to remove ionic and organic contaminants.
3. System should produce ultra-pure water of, Resistivity of minimum 18.2MΩcm @25°C and Total organic Carbon (TOC) $\leq 5\mu\text{g/liter}$
4. The capacity of the system should be minimum 10 liter/hour.
5. The output water quality should be particle free and organic free
6. The output water quality of the system should have silica contamination $\leq 0.01\text{mg/liter}$, chloride contamination $\leq 1\mu\text{g/liter}$, Sodium contamination $\leq 1\mu\text{g/liter}$, Total Silica $\leq 1\mu\text{g/liter}$, Bacteria contamination $\leq 1\text{CFU/ml}$.
7. Type I water produced from the above step should pass through a safely housed, low-pressure mercury vapor UV lamp made of ultrapure quartz with dual wavelength (185/254nm) to ensure bacterial destruction and organic molecule oxidation.
8. Built-in Total Organic Carbon (TOC) monitor with 0.5mL quartz cell and UV lamp to accurately measure real-time TOC from 1-999ppb.
9. Must prevent deterioration of water quality during non-use. Must be compatible to place the production unit on the bench, under the bench, or mounted on the wall.
10. Point of delivery (POD) unit must be adjustable height and rotating arm-adjustable to any glassware, volumetric dispensing from 250 ml till 10Liter, and with display monitor that shows real-time resistivity, TOC, level of water in reservoir, volume dispensed and other alarms.
11. POD, at the collection end, must have a 0.22 micron filter and options to accommodate UF cartridge with LRV between 5.6 and 7.65 over 220 and 22000 Eu/mL.
12. POD must also be able to accommodate cartridges to remove volatile organics, very specific trace organics, and trace metals.
13. The system should be CE/ISO Certified
14. The system should be supplied with all the accessories required to function
15. The system should have 3 Year Warranty. Compliance to each of the above points should be separately indicated and evidence presence for each of them (Product brochures should be highlighted wherever required).
16. The system should supplied with all the necessary spares and consumables with the main offer.

