



Ref: INS/F-5770/2017-2018(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		Laboratory grade water purification system-Type II (As per specification 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 **24/11/2017 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.



Institute For Stem Cell Biology and Regenerative Medicine
Autonomous institute of the Department of Biotechnology, Government Of India



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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 read 'Yesu R'.

Yesu R

GKVK, Bellary Road, Bangalore-560065,INDIA

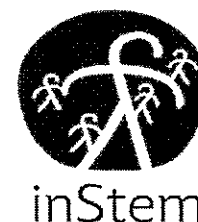
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Specification of Laboratory Water Purification System Type II Grade

- 1) System should be stand-alone Type-II water purification system, suitable for Biological research application.
- 2) System should be suitable to work with the water quality of up to 2000 μ S/cm conductivity, Fouling Index (Silt Density Index) < 7, Total 4-10 Total Chlorine < 3 ppm, PH: 4-10, followed by Type-I Water Purification System shall produce Ultrapure Water with 18.2 M Ω .cm @25 °C resistivity
- 3) System should have Pre Filtration unit to counter the Iron content in water, particulate load
Pre-filtration: 10 Micron filter, 5 Micron filter and 1 Micron filter.
- 4) System should have Pretreatment Cartridge with Activated Carbon and 0.5 Micron Filter.
- 5) System should have High Quality Thin film composite membrane RO which should be capable of achieving 99% rejection of ions and all dissolved organics.
- 6) System should have Cartridges with high recovery loop to reduce the wastage of feed water to drain. Also it should have conductivity cell before and after RO to measure performance of RO membrane. RO waste water recovery should be up to 50%.
- 7) System should have the Electro De-ionization module (EDI Module), with mixed Bed Ion Exchange Resin, so that Regeneration of the Resins happens on application of Electric current. EDI (Electro Deionization) module should not require softening pre-treatment.
- 8) System should have Auto diagnostic facility with Error NO and Alarm Code and real time clock to log reports with date and time to ensure complete traceability.
- 9) System should have Automatic Cleaning, Rising, and Flush mode.
- 10) System should have suitable screen and user friendly GUI to check all parameters related to purification, storage and distribution.
- 11) System should be able to check measuring value before and after each filtration stage in order to measure performance of filtration unit.
- 12) System should give an alert in order to plan inventory.
- 13) System should have Real-time data with on-line measurements should be available on the system.
- 14) System should have storage capacity 100 liter with material of construction suitable to store Type II Water. Storage tank should be controlled by water purification unit. Tank should have valve for drain and dispense.
- 15) Type II water should pass through feed water specific cartridge for removal of trace contaminants.
- 16) System should have UV light treatment with wavelength of 185 and 254nm.
- 17) System should have built in TOC indicator with the ability for self-calibration and check curve display.
- 18) System should have compatibility to place either on the bench, under the bench or on the wall.
- 19) The system should be CE/ISO Certified
- 20) The system should be supplied with all the accessories required to function.
- 21) System should have warranty of 3 years.
- 22) 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).
- 23) The system should be supplied with spares as an optional item.

