



Ref: INS/F-5812/2017-2018(Y)

Date : 04/12/2017

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		micromanipulator with dynamic movement control (Specifications attached)	-	1.00	No.
2		Universal stand for mounting micromanipulators (Specifications Attached)	-	1.00	No.
3		programmable microinjector with external pressure supply (Specifications Attached)	-	1.00	No.

Remarks: The Tenders can also to be quoted in foreign 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 freight 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 **18/12/2017 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 be 'S. S. R.', with a horizontal line underneath.

GKVK, Bellary Road, Bangalore-560065,INDIA

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

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Specifications for Micromanipulator

System should consists of one **Manipulator and one Programmable injector**, the manipulator for moving and positioning the injection needles for precisely positioning the tool/needle containing the solutions (eg., DNA) for the injection.

The system should be a fully electronic system. All 3 axis X, Y, Z, movements should be controlled electronically.

The system should have 25mm motion in all 3 axis.

All three axis movements at all speed control should be controlled with one single integrated joystick. The system should have the coarse, fine, extra-fine movement selections using a single upright joystick.

The system should have resolution of 0.2 μ m/ μ step.

The system should be capable of aligning the tool at from 0 deg upto 90 degrees for completely side-on injections.

The system should have a tool travel speed of at least 10,000 μ m/s, for rapid work and penetration of tough material.

The system should have option to set both upper & lower programmable Z axis limits

The system should have built-in programmed home and clean positions.

The injector total sample volume should be 5 μ l.

The system Fill / Empty Volume Speed - 10 - 200 nL/sec.

The system should have programmable injections.

The system Injection Rate should be 1 - 500 nL/sec.

The injection activation should be transient; hand/foot switch.

The system should have programmable spacing time between the 2 injections.

The system should have LED display with keypads for programming.

The system should have in-built compressor for pressure supply.

The system pressure range should be 0-5000hPa.

The system should work on 230V/50Hz.

The system should be CE/ISO certified.

The system should be supplied with all the required accessories to function.

The system should have warranty of 3 years.

