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

inStem

Ref: **INS/F-6357/2017-2018(Y)** **Date :** 12/03/2018

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		Multimode plate reader. Specifications attached	Any	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.

NOTE: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.****

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 **02/04/2018 till 5.30pm**

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

Yesu 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

inStem PURCHASE

INSTITUTE FOR STEM CELL BIOLOGY AND REGENERATIVE MEDICINE

Ref No: INS/F-6357/2017-2018(Y)

SPECIFICATION OF MULTIMODE PLATE READER

1. The instrument should be a spectral scanning multimode microplate reader .
2. The reader should be capable of measuring Absorbance, Fluorescence Intensity Top and bottom reading.
3. The Reader should have Dual Double Monochromatic Technology i.e., 2 monochromatic across Excitation and 2 monochromatic across Emission to select any wavelength from UV-NIR range.
4. Wavelength Range from 250 nm to 1000nm with 1nm Increment.
5. Wavelength Measurement range should be more than ~4 OD.
6. Wavelength Accuracy and Reproducibility should be less than 0.8nm.
7. Detector- Dedicated Silicon Photodiode for Absorbance mode.
8. Wavelength Range from 250 nm to 800nm Across Excitation and Emission for Fluorescence Top reading.
9. Reader should be capable of reading TRF, FRET in standard mode.
10. Wavelength Selection should be dual monochromatic for Fluorescence top and bottom reading.
11. Fluorescence Top reading sensitivity should be less than 200amol/well.
12. Fluorescence Bottom reading sensitivity should be less than 1.5fmol/well.
13. TRF sensitivity should be less than 100amol/well(Better sensitivity will have influence on purchase decision).
14. Detector – Dedicated PMT Fluorescence mode.
15. Wavelength Accuracy should be ~less than 2nm.
16. Wavelength Reproducibility should be ~ less than 1nm.
17. The reader should be able to perform following parameters in general mode:
18. Plate shaking: Linear and orbital.
19. Light Source: UV Xenon Flash Lamp.
20. Temperature Control: Ambient +5 Deg C Upto 42 Dec C.
21. Plate format: 6 to 384 well plate.
22. Measurement range:0-4 OD.
23. An efficient software should have function for drag and drop for assay sequence and data reduction which provides an automatic export of measurement parameters into result files.
24. No loss of already measured data even in case of power failure.
25. Auto Gain facility should be available.
26. Self diagnostic option and auto-calibration during the starting of the instrument as well as during longer kinetic assays.
27. Instrument should able to read cell culture plate with lid and without lid for regular ELISA work.
28. Should be compatible with different types of plates.
29. It would be ideal if the instrument can be upgraded to Luminescence Glow,.
30. Quartz Nano Quant Plate – Low volume Quartz Plate for DNA/ RNA.
31. Quantification of low volume samples ,Dual Injectors for Flash Luminescence based assays,Gas Control Module but not a criteria.

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