



National Center for Biological Sciences
Tata Institute of Fundamental Research
GKVK, Bellary Road, Bangalore 560 065. India

Tel. No : 080 2366, 6343
Email: nirmala@ncbs.res.in, www.ncbs.res.in

ENQUIRY

December 13, 2018

Ref: NCB/IC18-68/181623

Dear Sirs,

Please let us have your Quotation for the following :

S.No.	Item Code	Item Description	Qty	UOM
1	FCQBE000354	UV/VIS Spectrophotometer (As per the specification attached)	2.00	NO

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 origin
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 separately.**
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 03/01/2019

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
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. NCBS is exempted in paying customs duty (except advolerum duty of 5% + 2% cess and 1% Cus Sec & High Edu.CESS 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
National Centre for Biological Sciences

NIRMALA K.S.

Copy to: Prof. / Dr. / Mr. / Mrs. / Ms. / Shri / Smt. JAYAPRAKASH R. (NCB-12P4510)
Your Indent Req. No. JRA1200180 Dated: 07/12/2018 refers.



UV/VIS Spectrophotometer

- The system should be UV-Visible spectrophotometer used for molecular biology application.
- The system should be a Double-beam with sample and reference cuvettes
- The system should have Focused Beam Geometry optics for outstanding light throughput for small volume cells
- The system should be Monochromator based spectrophotometer.
- The system should have Xenon flash lamp Light Source with 3-year warranty
- The system should have dual photo diode type detector.
- The system should have Microcell optics for better light throughput for small volume cells
- The system should have the Wavelength Range 190–1100 nm
- The system should have the Variable Spectral Bandwidth 1 nm and 2 nm
- The system should have wavelength accuracy of ± 0.8 nm in full range 190 to 1100 nm
- The system should have the Repeatability ≤ 0.1 nm 546.11 nm mercury line and SD of 10 measurements
- The system should have the scanning speed of < 1 to 6000 nm/min variable
- The system should have the Data Intervals of 10, 5, 2, 1.0, 0.5, 0.2, 0.1 nm
- The system should have the Photometric Range > 3.5 A
- The Display Range –should be 0.3 to 4.0 A
- The system should have the Accuracy of 0.5 A: ± 0.004 A,
- The system should have the Noise ratio at 0A: ≤ 0.00015 A, 1A: ≤ 0.00050 A
- The system should have the Drift Stability < 0.0005 A/hr 500 nm, 1.0 nm SBW and also with 1-hour warm-up
- The system should have the Baseline Flatness ± 0.0010 A
- The Software should include advanced kinetics including multi-stage measurement, temperature ramping and comprehensive data fitting options.
- The system should have Integrated calculations to provide more data per measurement in Scan, Fixed and Quant.
- The system should be supplied with latest configuration Computer and Printer
- The system should be able to Upgradable on site for future application.
- The product should be as per CE/IEC guideline and certificate from authorized body should be submitted. No self-declaration will be accepted.
- The system should have warranty of 3 years.
- The service team should be in Bangalore. Contact details of Engineer should be submitted with this offer.
- The system should work on 230V,50Hz.
- User/Technical/Maintenance manuals, Certificate of calibration and inspection from factory to be supplied with system.
- 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)
- The system should be supplied with all the accessories required to function.