



No: PUR/2010-11/IND14685/null

Date: 08/11/2010

To

Sub : Request for Pro-forma Invoice

Dear Sir

This Research Institute is interested in purchasing of the items mentioned below. You are therefore requested to forward a pro-forma invoice along with your terms & conditions of supply & payment. Please provide a copy of the technical literature and the specifications of these items in a sealed envelope.

Please read carefully the terms and conditions mentioned overleaf and submit your pro-forma invoice/quotation accordingly.

SNo.	Name of Item	Catalog No	Qty
1	Double Beam Spectrophotometer for small (micro volumes), As per attached Specifications		1

Important

- Please mention our reference number on the envelop and address all correspondence to Director IMT Chandigarh only.
- Please quote strictly as per our specifications.
- Please attach compliance sheet
- Proforma Invoice received after due date will not be considered under any circumstances.
- Please note that your Quotation should reach us latest by **23/11/2010** opened on **24/11/2010**
- **Your Quotation must be duly stamped and reach directly to IMT from you only. If quotation is submitted by Indian representative/agent then they must have to produce a authority certificate of principal party for quotating the price Other wise it will be very difficult at our end to consider your quotation.**
- EMD Rs must be deposited along with quotation.
- **Quote must be in two bid system (i) Technical (ii) Commercial**

TERMS & CONDITIONS

Commercial

- Cost : Mention the price of the material in the FOB/FCA including inland freight value only. Please note that being a Govt. Organization we cannot make Advance Payment.
- Insurance : Consignment should be insured through National Insurance Company of India or is associate in your country.
- Freight : The dispatch of the material should be through Air India preferably.
- Agency Commission : Mention the percentage of Indian Agency Commission payable to commission Indian Agent in INR and also mention the name of your authorized Indian Agent/Representative, Pro-forma invoice without mentioning Indian Agency Commission will not be considered at our end.
- Validity : The validity of your pro forma invoice should be less than 180 days from the date of opening.
- Warranty : Mention the warranty period of equipment after satisfactory installation. 10% Bank Guarantee is to be submitted by you/your Agent for the Equipments costing Rs.25 Lac & above
- Taxes For Indigenou products, please quote Sales Tax/VAT/Service Tax/Freight/Other levies etc., if any, clearly in your quotation.

General Condition

- Zerox copies of latest price list applicable list may be enclosed applicable in Indian Market.
 - Ensure that quoted price will not be higher to any other customers in India to whom this particular item have been sold particularly to govt. of India Organization.
 - Sent a certificate that the equipment is of latest technology & will not be obsolete within 5 years.
 - Ensure that all essential spares parts of this equipment will available in India with your Indian Agent as and when required.
 - Provide the list of the users in India of the same equipment along with their contact / email address.
 - Enclose a copy of agreement with your authorized Indian Agent.
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- FAX : 0091-172-2690056, 2690632 email : purchase@imtech.res.in
 - TEL : 0091-0172-6665363 website : www.imtech.res.in

Yours faithfully,

Stores & Purchase Officer.

Specifications of Double Beam UV-Visible Spectrophotometer

Microprocessor based UV-Vis Spectrophotometer with the following specifications :

Fully stand alone operation also operation through PC and data export to PC.

Photometric System	:	Double beam optics
Photometric range	:	Absorbance: -3 to +3.0 Abs or better
Photometric Accuracy	:	+/- 0.004 Abs. at 1.0 Abs
Wavelength Range	:	190 to 1100 nm
Wavelength Accuracy	:	+/- 0.5 nm or better
Wavelength Repeatability	:	+/- 0.1nm or better
Scanning speed	:	Selectable up to 3000 nm/min or better
Spectral Bandwidth	:	at least 1 nm, preferably variable
Stray light	:	:Less than 0.02% at 220nm, preferably at 340 nm also.
Baseline Stability	:	less than 0.0003A / hour.
Noise Level	:	Better than/at least 0.0001A.
Monochromator	:	Double beam with Czerny – Turner Monochromator design and holographic grating of 1200 lines/mm
Detector	:	:Matched Silicone photodiode or PMT (preferable)
Display	:	:Built in LCD display, LCD should have capabilities in displaying menus, spectra, data and controlling parameters with instrument status.
USB Port	:	USB port for data storage
Light source	:	Halogen/Tungsten and Deuterium lamp with automatic Change over
Micro Cell Holder	:	Micro cell holder for 100ul and 50 ul cells
Quartz Cuvettes	:	1 Pair of 1 ml or 500 ul to be provided as standard. Additional pairs of 100 as well as 50 ul capacity with path length of 10mm (01 Pair each)

Must be upgradable for use with temperature control Device
Latest Branded PC along with system, with original operating System (license). All necessary connectors, cables, USB cords, etc. to be provided to connect PC with instrument. LCD monitor & optical mouse to be included.
Windows based Operating software should have built in features like real time concentration display,
Photometric mode Single / multi-wavelength, Enzyme Kinetics calculation, Curve fitting Scanning, derivative, Overlay, Time-course plot (Absorbance vs. Time).Software for PC interface should also be provided as options for Data Transfer, exporting data in other programs like Excel, Doc etc.
System should be provided with 2 years of warranty.
Optional : Peltier based temperature controller for sample as well as reference with temperature range of 10 to 60 Deg C or better must be quoted alongwith the system.