



Department of Physics

Indian Institute of Science, Bangalore.

Request for Quotation for a Motorized Vis-NIR Spectrometer from domestic (India-based) manufacturers

Enquiry ID: PH/AGH/503/2021-22

Last date of submission of quotation via email: **5 pm, 28th September 2021**

This is a request for quotation from **domestic (India-based) manufacturers** for a Motorized Vis-NIR Spectrometer. The quotation should clearly indicate the terms of delivery, delivery schedule, E.D., transportation charges, if any, payment terms etc.

With respect to this tender, the rules laid out by the Government of India in order No. P45021/2/2017-PP (BE-II) issued by the Public Procurement Section, Department of Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, dated 04th June 2020, will be followed.

Per this order, the government has defined a 'Class-I local supplier' as "a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50%".

A 'Class-II local supplier' is "a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%".

Only 'Class-I' and 'Class-II' local suppliers are eligible to participate in this open domestic tender. Any 'Non-local supplier', i.e., "a supplier or service provider, whose goods, services or works offered for procurement, has local content less than 20%" is ineligible to participate in this tender.



Department of Physics

Indian Institute of Science, Bangalore.

Please enclose a compliance certificate along with the bid. This certificate should have a table that should describe your compliance in a “Yes” or “No” response against each of the items in the specifications listed below. If “No” the second column should state the extent of deviation. The third column should state the reasons for the deviation if any. Please enclose a compliance statement along with the technical bid. Bids with no statement of compliance will be considered invalid.

General Terms and Conditions:

1. The vendor should have qualified technical service personnel for the equipment based in India (preferably in Bangalore).
2. The lead time for the delivery of the equipment should not be more than 3 months from the date of receipt of our purchase order.
3. The offer shall be valid for at-least 90 days from the date of submission of the commercial bid.
4. Quote should come only from Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor.
5. The vendors quoting should ideally be registered with IISc, and the quote should ideally carry the vendor registration number in the technical bid. Details of vendor registration can be sought by sending an email to rajeshwari@iisc.ac.in
6. The covering letter in the bid should clearly mention whether the vendor is a ‘Class I’ local supplier or a ‘Class II’ local supplier, failing which the vendor will be automatically disqualified.
7. The vendor should indicate the percentage of the local content and provide self-certification that the items offered meet the minimum local content requirement. They should also give details of the location(s) at which the local value addition is made.
8. The price of each optional item should be quoted separately. The quotation should be on FOR IISc Bangalore basis.



Department of Physics

Indian Institute of Science, Bangalore.

9. The quotation should be addressed to The Chairman, Department of Physics, Indian Institute of Science, Bangalore and submitted to Prof. Arindam Ghosh at arindam@iisc.ac.in before the deadline. The quotation should strictly mention the enquiry ID that it is responding to.

Technical Specifications for Motorized Spectrometer:

S. No.	Parameter	Required Specifications
1	Spectrometer design	Czerny-Turner
2	Focal length	Minimum 140mm or more
3	Spectrometer Mechanical range	0-1500nm
4	Aperture Ratio	f/3.88 or better
5	Grating turret	Should have interchangeable dual grating turret to accommodate at least two gratings
6	Gratings	600gr/mm grating blazed at 750nm and 1200gr/mm grating blazed at 400nm
7	Grating size	32mm x 32mm
8	Wavelength accuracy	± 0.25 nm
9	Repeatability	± 0.04 nm
10	Slits	Tunable (from 10 micron to 2 mm)
11	Optical Axis	At least 98 mm
12	Computer interface	USB
13	Warranty	At least one year from the date of installation
14	Vendor Repute	Vendor must have 50 previous installations of similar spectrometer