

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

No. SCH/2018/07 / 5260

Dated: 16/10/18

M/s Institute website

**Sub: INVITATION OF QUOTATIONS FOR UV VIS SPECTROPHOTOMETER**

1. You are invited to submit your most competitive quotation for the following goods:

Sr.No.	Brief Description & Specifications of Goods	Quantity
1.	Uv Vis Spectrophotometer (Detailed Specifications are attached)	01 Nos.

2. Necessary literature of the goods may please be sent to facilitate to take decision.

3. Payment will be made Online through RTGS/NEFT within 30 days after receipt of material in good condition and according to specifications and installation of the same. The Bank detail for making online payment may be indicated in the quotation.

4. The supplier shall deposit Earnest Money along with the Quotation amounting to Rs. 15000 /- in shape of Accounts Payee Demand Draft/Fixed Deposit Receipt/Bankers Cheque or Bank Guarantee from any scheduled commercial Bank in favour of the Director, National Institute of Technology, Kurukshetra. The Quotations without Earnest Money shall be rejected, the EMD will remain valid for a period of 45 days beyond the final validity period of quotation.

5. Performance Security @ 5% of the total value of the equipment must be furnished in shape of Demand Draft/Fixed Deposit Receipt or Bank Guarantee from any scheduled Commercial Bank in favour of the Director, NIT Kurukshetra valid upto 60 days after the date of completion of warranty by the successful bidder.

6. The items must be supplied within delivery period or delivery period extended by the Institute on the request of the supplier on genuine grounds otherwise the penalty for delayed period @ 0.5% of the amount shall be charged for every week or part thereof and the maximum 10%. The request for extension of delivery period (if any) must be made before the last date of supply as per P.O.

7. The goods are required exclusively for Research Purpose. The Duties are not payable by the Institute.

8. The quotation should remain valid for a period not less than 90 days from the date of submission.

9. The firm must have got GST No. printed on their quotation

10. The right of accepting or rejecting any quotation and to cancel the bidding process and reject all quotations without assigning any reason is reserved with the Institute.

11. The supplier must attach copies of two latest purchase orders (preferably from IITs/NITs) indicating the price for the same equipment.

12. The due date for receipt of quotation is 01.11.2018 and will be opened on next working day. Please quote on the top of the envelope our Ref. No. and due date of opening.

*Sumit*

## UV VIS SPECTROPHOTOMETER

SNO	Feature	
1.	Optics	Double beam, Czerny Turner monochromator (Grating should be 1200 lines/mm or better with single or double cuvette option).
2.	Detector	PMT or two silicon diode detectors
3.	Source	Xenon/ Deuterium- tungsten
4.	Measurable range	190-1100 nm
5.	Spectral Bandwidth	1.5 nm/2 nm/4 nm or better
6.	Stray Light:	$\leq 0.05\%T$ or better
7.	Photometric Linear Range	4 Abs or better
8.	Wavelength Accuracy	$\pm 0.5$ nm or better
9.	Wavelength reproducibility	$\pm 0.1$ nm or better
10.	Photometric Accuracy	$\pm 0.005$ Abs or better
11.	Baseline Flatness	$\pm 0.001$ Abs or better throughout UV-Vis range
12.	Photometric Stability	$< 0.0004$ Abs or better
13.	Photometric noise	$\leq 0.0001$ Abs or better
14.	Scanning rate	4000 nm/min or more
15.	Display	PC controlled
16.	Main Accessories (Itemized price must be quoted):	<ol style="list-style-type: none"> <li>1. 10 mm pathlength 3ml quart cuvette (pair).</li> <li>2. Solid and film transmission holder set including holders and screws for affixing samples onto the solid sample holder sliding plates.</li> <li>3. Suitable Desktop PC and 1.5 ton AC (split) with stabilizer.</li> <li>4. Suitable bench/table and chair for Instrument and PC.</li> </ol>
17.	Warranty	One years on complete instrument.
18.	Optional Items (itemized price must be quoted)	<ol style="list-style-type: none"> <li>1) software controlled single cell Peltier temperature controller</li> <li>2) One set of extra lamps or 3-year replacement guarantee.</li> </ol>
19.	Prices	Prices must be quoted upto NIT Kurukshetra.

