

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

No. SCH/2018/07/4661

Dated: 10/09/18

M/s Institute Website

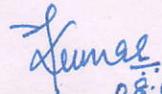
**Sub: INVITATION OF QUOTATIONS FOR UV VIS SPECTROPHOTOMETER.**

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	01 Nos.

(Detailed Specifications are attached)

- Necessary literature of the goods may please be sent to facilitate to take decision.
- Payment will be made Online through RTGS/NEFT within 30 days after receipt of material in good condition and according to specifications. The Bank detail for making online payment may be indicated in the quotation.
- The supplier shall deposit Earnest Money alongwith the Quotation amounting to Rs. 15000 /- in shape of Accounts Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee from any 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.
- Performance Security @ 05% of the total value of the equipment may be furnished in shape of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any Commercial Bank in favour of the Director, NIT Kurukshetra valid upto 60 days after the date of completion of warranty .
- 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 goods are required exclusively for Research Purpose. The Duties are not payable by the Institute.
- The quotation should remain valid for a period not less than 60 days from the date of submission.
- The firm must have got **GST No.** printing on their quotation
- 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.
- The supplier must attach copies of two latest purchase orders (preferably from IITs/NITs) indicating the price for the same equipment.
- The due date for receipt of quotation is **26.09.2018** and will be opened on next working day. Please quote on the top of the envelope our Ref. No. and due date of opening.

  
08.09.18  
Prof-Incharge (Stores)

## UV VIS SPECTROPHOTOMETER

SNO	Feature	
1.	Optics	Double beam, Czerny Turner monochromator
2.	Detector	PMT
3.	Source	Xenon/ Deuterium tungsten or Halogen/Deuterium lamp
4.	Measurable range	190-900 nm or better
5.	Spectral Bandwidth	0.2 to 5 nm or better (variable)
6.	Stray Light:	≤0.05%T or better
7.	Photometric Linear Range	-4 to 4 Abs or better, Transmittance 0-100%
8.	Wavelength Accuracy	: ± 0.5 nm or better
9.	Wavelength reproducibility	± 0.1nm or better
10.	Photometric Accuracy	±0.005 Abs or better
11.	Baseline Flatness	±0.001 Abs or better throughout UV-Vis range
12.	Photometric Stability	<0.0004 Abs or better
13.	Photometric noise	≤0.0001 Abs or better
14.	Scanning rate	3000 nm/min or more
15.	Accessories:	<ol style="list-style-type: none"> <li>1. Solid/film transmission holder set including holders and screws for affixing samples onto the solid sample holder sliding plates (Diffuse reflectance).</li> <li>2. 1 TON split AC</li> <li>3. Suitable table/furniture to keep the instrument</li> </ol>
16.	Warranty	One year on complete instrument.
17.	Optional Items (itemized price must be quoted)	<ol style="list-style-type: none"> <li>1) Suitable Desktop computer</li> <li>2) 3 years Lamp replacement guarantee.</li> <li>3) Software controlled single cell Peltier Temperature controller (0-100 Deg C) with stirring option.</li> </ol>
18.	Prices	Prices must be quoted up to NIT Kurukshetra.



Rawat