

**Format for Submission of Expression of Interest and details specification of  
Double Beam UV-Vis Spectrophotometer**

**Brief about Expression of Interest.**

Name of the Equipment/ Good	<b>Double Beam UV-Vis Spectrophotometer</b>
Location of the Supply	Veer Surendra Sai University of Technology, Burla, Odisha-768018
Name of Authority	Vice-Chancellor
Eligible firms	The firm should be the OEM/Authorized Dealers of the OEM having experience in supply and maintenance of the same item earlier.
Date of Submission of EOI	Last date is 24.02.2020
Contact person	Nodal Officer, Procurement, TEQIP-III, VSSUT, Burla
Phone Number of Contact person	9437177717
Email	<a href="mailto:pcvssutb@gmail.com">pcvssutb@gmail.com</a>
Address for submission of EoI	<u>Nodal Officer, Procurement, TEQIP</u> Veer Surendra Sai University of Technology, Burla, Odisha-768018.
Selection Process	Stage1: Expression of Interest (EOI); Stage 2: Quotation proposal submission in TEQIP-III format
<ul style="list-style-type: none"> <li>• <b><u>The EoI will be submitted by Speed Post/Registered Post only</u></b></li> <li>• The sealed envelope containing the EoI should be super scribed with “<b>Expression of Interest (EoI) for supply of Double Beam UV-Vis Spectrophotometer in Department of Chemistry</b>” .</li> </ul>	

## Specifications of Double Beam UV-Vis Spectrophotometer:-:

<b>Specifications:</b>	
Optical system:	Czerny-Turner mount, Double beam monochromator
Wavelength range:	190 to 1,100 nm
Spectral band width:	1 nm
Stray light:	198 nm (KCl) : 1.0 % or less 220 nm (NaI) : 0.05 % or less
	340 nm (NaNO <sub>2</sub> ) : 0.05 % or less
Wavelength accuracy:	±0.3 nm (Xe : 260.6, 484.3, 881.9 nm, Hg : 253.7, 435.8, 546.1 nm)
Wavelength repeatability:	±0.1 nm
Photometric range:	Abs : -3.3 to 3.3 %T : 0 to 300
Photometric accuracy:	±0.002 Abs (0 to 0.5 Abs)
(certified according to NIST SRM 930) :	±0.004 Abs (0.5 to 1.0 Abs)
Photometric repeatability (Repeatability according to NIST SRM 930):	±0.002 Abs (0 to 1.0 Abs)
Switching of Light Source	Automatic
Wavelength Setting And Scanning	Automatic
Scan speed:	10, 40, 100, 200, 400, 800, 1,200, 2,400, 4,800, 6,000 nm/min
Response:	Fast, Medium, Slow
Baseline stability:	0.0005 Abs/h (260 nm after a two-hour warm-up period)
Noise level:	0.0001 Abs (RMS, 260 nm, 0 Abs)
Baseline flatness:	±0.0009 Abs (200 to 950 nm)
Light source:	Halogen Lamp, Deuterium Lamp
Detector:	Silicon photodiode
Cell holder:	Automatic 6-cell turret (Single cell holder are available as an option).
Capacity of Sample holder / Sample Carousel	10
Maximum Path Length of sample	10 millimeter
Printer output:	For connection to iPad : Air Print-compatible printer
	For connection to PC : PC-compatible printer
Interface:	LAN port : connected to a router or PC
	USB port : connected to USB memory for use when transferring CSV-format files
Power:	100, 115, 220, 230, 240V, 50/60 Hz, 150VA
Power consumption:	70 W or Less
Minimum Operating Temperature	10 degree Celsius
Maximum Operating Temperature	35 degree Celsius
Operating Humidity (RH) (%) at 40 degree C	80 percent
Ambient humidity:	25 to 80 % (no condensation, to be 70 % or less at temperatures exceeding 30 °C)
PC & Laser Printer	YES

## APPLICANT'S EXPRESSION OF INTEREST

To,  
Nodal Officer, Procurement, TEQIP-III  
TEQIP Cell  
Veer Surendra Sai University of Technology  
PO- College of Engineering, Burla  
Sambalpur - 768018  
Odisha

**Sub: Submission of Expression of Interest for supply of ..... with the given  
Technical specification under TEQIP-III.**

Dear sir

In response to the Invitation for Expressions of Interest (EOI) published on \_\_\_\_\_ for the above purpose, we would like to express interest to carry out the above proposed task. As instructed, we agree to supply the equipment /item with the following Technical specification:

### **Technical specifications**

### **Organizational Details :**

1. Name of the Organization
2. Complete postal address with pin code:
3. GST No:
4. PAN No.:
5. Telephone No.
6. Fax Number
7. Mail Id:
8. Name of representative:
9. Representative Mobile Number :
10. Representative E mail Id:
11. Annual Turnover of the firm/company.

**Experience in related fields: Attach the purchase orders if supplied to the institutions or organizations of repute. This is a key requirement to consider a firm for inviting quotation.**

### **Additional information (if any):**

**Declaration:** We hereby confirm that we are interested in supplying the above equipment/item as per the given Technical specification to VSSUT, Burla under TEQIP III and we certify that our organization has not been blacklisted during last three financial years. All the information provided herewith is genuine and accurate.

Sincerely Yours,

Signature of the applicant  
[Full name of applicant]  
Stamp.....  
Date:

**Note: This is to be furnished on the letter head of the organization and signed in every page.**