



**INDIAN INSTITUTE OF SCIENCE EDUCATION AND
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GST No.32AAAJI0299R1ZS

Date: 01 Nov 2022

CORRIGENDUM-I TO TENDER NO

No.: IISER/PUR/1118/VK/SP/22-23

Sub: Supply and Installation of Variable Angle Spectroscopic Ellipsometer:
reg

Ref: Tender Enquiry No. 2022_IISRT_717759_1

1. Revised technical specification sheet is placed at annexure 1 of this corrigendum.
2. The revised dates for submission of bids and date of opening are as follows:-

Due Date: 11 Nov 2022 (3PM)

Date of Opening: 14 Nov 2022 (3:30 PM)

Thanking You,

Yours Faithfully

Deputy Registrar (P&S)



**SPECIFICATIONS OF VARIABLE ANGLE SPECTROSCOPIC
ELLIPSOMETER**

<u>Specs</u>	<u>Min value</u>	<u>Max value</u>
<u>Spectral Range</u>	400 nm or lower	1650 nm or above
<u>Incident Angle</u>	55 or lower	75 degree or higher
<u>Angular Resolution</u>	5 degree or better (preferably automated)	
<u>Thickness measurement</u>	0.1 nm	10 microns
<u>Resolution of film thickness</u>	0.01 nm or lower	
<u>Resolution of refractive Index</u>	0.001 or lower	
<u>Alignment of sample</u>	Semi-automated or automated with at least 10 mm height adjustment and the ability to tilt	
<u>Sample movement</u>	At least 25 x 25 mm along X and Y directions each	
<u>Parameters to be measured</u>	Refractive index, extinction coefficient, absorption coefficient and film thickness (specify explicitly)	
<u>Software</u>	The system should be accompanied by a data acquisition cum analysis software for various kinds of samples and in-built materials library the details of which must be included along with the quote.	

The system should come with

- a desktop computer (windows 10/11, i5 processor, 8GB/512GB) with the relevant softwares preinstalled for operation.
- All the necessary parts for functioning of the system such as optics, electrical cables etc.

Other Terms and Conditions:

1. The supplier or their local vendor should be a reputed company with supplies of similar systems to IITs, IISc, IISERs and other Govt. of India organizations. Please attach a reference list of supplies in last 5 years with contact details (Name, Phone, email address) of at least 3 users).
2. The company should be an Original equipment manufacturer of the system, please attach authorization certificate with quote.
3. The manufacturer must be an ISO9001 company & equipment must be with CE compliance. Please attach certificates.
4. The equipment should come with three year warranty from date of installation.
5. A compliance report on all the above points must be supplied along with the quote.

Optional items

Any options of upgrade


