

CIPET: SCHOOL FOR ADVANCED RESEARCH IN PETROCHEMICALS (SARP)- ARSTPS			
GOVERNMENT OF INDIA			
SECTION - I			
TECHNICAL BID FOR THE SUPPLY & INSTALLATION OF FLUORESCENT UV TEST CHAMBER			
Tender No.	e-TENDER No.: CIPET:SARP-ARSTPS/PVT/UVTC/e-Ten-03/2021-22		
Items of Description	SUPPLY & INSTALLATION OF FLUORESCENT UV TEST CHAMBER		
		Particulars	Remarks
I	Name of the Supplier / Manufacturer		
II	Postal address		
III	Telephone No. with STD code		
IV	Fax with STD code		
V	Name of Contact person		
VI	Mobile No.		
VII	e-mail ID		
	<b>BELOW GIVEN DOCUMENTS TO BE SCANNED AND UPLOADED IN THE WEBSITE <a href="http://www.tenderwizard.com/CIPET">www.tenderwizard.com/CIPET</a> WITHIN THE PERIOD OF SUBMISSION.</b>		
1	<b>Certificates:</b>		
	i) Registration Certificate if Any, with DPS/DGS&D/NSIC/MSME		
	ii) PAN (Permanent Account Number) Registration		
	iii) Certificate of Registration for GST		
	iv) Authorization certificate from Principal (if not manufacturer)		
	<b>Commercial Terms for Quoted items (Please Provide Commercial terms and conditions in the below form)</b>		
2	Validity of offer		
3	The Commercial quote should be INR only	Yes / No	
4	<b>Terms of Payments :-</b> 90% of the Contract Price for supply of material / goods received shall be paid on receipt of goods along with original invoice at the destination and submission of claim supported by the Acceptance Certificate issued by the Purchaser's representative and 10% after commissioning at site, completion of training and submission of claim supported by the acceptance certificate issued by the Purchaser's Representative.	Agreed / Not Agreed	
5	Delivery period (in days)		
6	Guarantee / Warranty (Please Indicate the Period)		
7	Whether All Documents Relating to tender Viewed	Yes / No	

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TECHNICAL SPECIFICATIONS FOR FLUORESCENT UV TEST CHAMBER (e-TENDER No. CIPET-SARP-ARSTPS/PVT/UVTC/e-Ten-03/2021-22)			
S. No	Descriptions	CIPET Specifications	BIDDERS SPECIFICATIONS / REMARKS
1	Make	Bidder to specify	
2	Model	Bidder to specify (please attach the supporting documents like product & accessories catalogue)	
3	Applications	To simulate, accelerate and correlate the artificial sunlight/ weathering atmosphere for polymers, coatings, etc..	
4	Effective radiation area	4000 cm <sup>2</sup>	
5	Components surface temperature	45°C to 80°C for UV Cycle 45°C -60°C for Condensation	
6	Temperature accuracy	±0.1°C or better	
7	Temperature resolution	1 °C or better	
8	Temperature controller	Black Panel Temperature	
9	Centre distance of lamp	5 cm	
10	Humidity	100%	
11	Light source	UV Fluorescent Lamp	
12	Wavelength	UVA (340 nm & 351 nm) & UVB (313 nm)	
13	Minimum sample holder plates	Aluminium plates 24 sample holders	
14	Water spray system	Water spray system consisting of spray nozzle, piping control & drain	
15	Conditioning cycle	Light cycle and condensation cycle	
16	Irradiance Calibration	Irradiance calibration (calibration radiometers for periodical calibration) with NIST traceability (UVA & UVB)	
17	Irradiation Control	Irradiation control (Solar eye automatically maintain light intensity through feedback look this controler monitor UV intensity and compensate lamp aging or any other variability by adjusting power to the lamp) with NIST traceability	
18	Conforms to standards	ASTM G151, ASTM G 154, ISO 4892 (1-3), SAE J2020, ASYM D 5208	
19	Warranty	Minimum 3 years of warranty to be provided	
20	Scope of supply	Complete list of items quoted are to be provided	
21	Installation requirement	Bidder to specify the pre-installation requirements	
22	Training	Onsite training for system operation and maintenance as well as application support should be provided by the vendor at its own cost.	
23	Service	<ul style="list-style-type: none"> <li>•Appropriate tool box/kit for routine maintenance should be provided with the equipment.</li> <li>•All documents (ie. Operating &amp; service manuals, drawings etc) and original softwares relevant to the instrument and its accessories must be supplied.</li> <li>•In case of any up gradation of software within the period of warranty then the same should be provided free of cost by the supplier/manufacturer.</li> <li>•Power and receptacle/socket as per Indian standards should be provided.</li> <li>•The vendor shall have local service and application office and infrastructure to attend by visit within 48 hours of need.</li> <li>•The vendor should have technical support in the area of application and service available within the country.</li> </ul>	
24		The vendor should furnish details of customers in India.	