



CIPET: SCHOOL FOR ADVANCED RESEARCH IN POLYMERS (SARP)- ARSTPS

GOVERNMENT OF INDIA

SECTION - I

TECHNICAL BID FOR THE SUPPLY & INSTALLATION OF CONTACT ANGLE METER



Tender No. **e-TENDER No. CIPET-SARP-ARSTPS/DST/INSPIRE/e-Ten-02/2020-21**

Items of Description **SUPPLY & INSTALLATION OF CONTACT ANGLE METER**

		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		
	BELOW GIVEN DOCUMENTS TO BE SCANNED AND UPLOADED IN THE WEBSITE www.tenderwizard.com/CIPET WITHIN THE PERIOD OF SUBMISSION.		
1	Certificates:		
	ii) PAN (Permanent Account Number) Registration		
	iii) Certificates of Registration for Sales Tax/ VAT/ WCT and Service Tax		
	iv) Authorization certificate from principal (if not manufacturer)		
	Commercial Terms for Quoted items (Please Provide Commercial terms and conditions in the below form)		
2	Validity of offer		
3	The Commercial quote should be INR only		
4	Terms of Payments :- (i) On Receipt of Goods: 100% of the Contract Price for supply of Goods received shall be paid of receipt of goods at the destination and submission of claim supported by the Acceptance Certificate issued by the Purchaser's representative.		
6	Delivery period (in days)		
7	Guaranty / Warranty(Please Indicate the Period)		
8	Whether All Documents Relating to tender Viewed		



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TECHNICAL BID FOR THE SUPPLY & INSTALLATION OF CONTACT ANGLE METER

TECHNICAL SPECIFICATIONS FOR CONTACT ANGLE METER (e-TENDER No. CIPET-SARP-ARSTPS/SMC/e-Ten-02/2020-21)

S. No	Descriptions	CIPET Specifications	BIDDERS SPECIFICATIONS / REMARKS
1	Measuring Technique	Sessile drop method	
2	Analysis Method	Automatic curve fit analysis using drop snake method.	
3	Mesurement angle range	0-180 degree	
4	Optics	High Performance aberration corrected imaging lens with precise manual focus adjustment.	
5	Measurement accuracy	≤ 1 degree	
6	Camera Type	CMOS Sensor	
7	Image resolution in pixels	2592 x 1944 (typical, max)	
8	Video system	High performance CMOS sensor and suitable shielded cable of minimum 3m Length	
9	Illumination Mechanism	LED based diffused lighting.	
10	Liquid Dispenser	Through Motorized syringe pump Suitable for both motorized and mechanical type. Three syringes with 50, 100 & 250 micro litre capacity will be included.	
11	X -Y stage	≥ 75 mm travel of CCD / Optics assembly to fine focus the image.	
12	Input Power	230 + 10 VAC, 50Hz	
13	Computer System / Netbook PC & Windows OS	Suitable / Compatible for the above equipment to be provided by the supplier. (bidder to specify)	
14	Warranty	1 year from the date of installation.	