

Centre of Excellence for Green Energy & Sensor Systems
Indian Institute of Engineering Science & Technology (IIEST), Shibpur
Howrah-711 103.
Advt.No: WEB/IIEST/CEGESS/18-19/86
Date: 24.01.2019

Notice Inviting Quotations

Sealed quotations are invited for the supply of :

Item 1: Photoresist

Item 2: Inductor for synchronisation

As per the following technical specification. The technical specification can be downloaded from the website. The document can be also obtained from the Centre of Excellence for Green Energy & Sensor Systems (**Contact : Prof. P.K. Nandi (HOD) / Prof. H. Saha**) between 10.30 a.m. and 5.30 p.m. on all working days. The invitation is valid for 07 working days from the date of publication of this notice.

SECTION I: TERMS & CONDITIONS :-

1. The last date of receipt of quotation is valid **for 07 working days** from the date of publication of this notice. Quotations received later will not be entertained under any circumstances.
2. Potential supplier are to submit the quotations in Sealed Cover to the Centre of Excellence for Green Energy & Sensor Systems in the following address:

Prof. P.K. Nandi (HOD) / Prof. H. Saha
CEGESS
IEST, Shibpur
Howrah-711 103, India.

3. Item name must be mentioned on cover. If any vendor wants to quoted for multiple item, they should be quoted individually item wise in sealed envelope. Combine quotation of different item will not be accepted. Order will be placed item wise.

4. The price quoted should be inclusive of all Taxes in INR, duties and levies. Inclusion of Tax/Levy at a latter stage will not be accepted. Freight, Insurance charges should be clearly indicated. If GST is chargeable then price quoted should be inclusive of GST in INR.@ 5% (CGC will be provided by IEST, Shibpur). Price should be CIF, IEST, Shibpur basic. (Clearing charges and Custom duty will not be paid extra, it should be include with base price.

5. Vendor should have proven track record of supply of same item and same value in IEST, IIT, NIT, IISc and they will get extra privilege.

6. Commercial Papers duly signed & must be attached.

7. Quotation has to be kept valid for acceptance for a period of 6 months without any modifications in its terms and conditions.

8. Documents to be submitted with the Quotations :

- General Conditions (Section I) and Important Instruction (Clint list) in original duly signed by the Proprietor/ Partner/ Director of the company as a token of acceptance of Terms and Conditions of Tender.
- Latest Income Tax, Sales Tax, Professional Tax, CST clearance certificates and copy of valid Trade License. (Photo copy duly signed) (Compulsory).

9. IEST, Shibpur, reserves the right to accept / reject all or any of the tenders without assigning any reason whatsoever.

SECTION II: TECHNICAL SPECIFICATIONS :-

Item 1.

Technical Specification for Photoresist

a) Unique features :

- High pattern stability in wet etch processes and acid and alkaline plating baths.
- Highly stable in dry etch processes e.g. CHF₃, CF₄, SF₆.
- Aqueous alkaline development.
- Easy to remove.

b) Technical Data :

Film Thickness	0.5µm	4.0µm	7.5µm
Spin Coating Speed Time	3000 rpm 30 s		
Spectral sensitivity	Broadband, g-, h-, i-line		
Dose @ 365 nm (Broadband exposure)	35 mJ cm ⁻²	110 mJ cm ⁻²	150 mJ cm ⁻²

c) **With NaOH based developer.**

d) Applications :

Mask for etching e.g.

- Si, SiO₂
- Metals
- Semiconductors

Mould for electroplating

Note : Estimated Cost of Rs. 50,000/-

Item 2.

Technical Specification for Inductor for synchronisation

415V Three phase 50Hz 50Amps, Inductance Range : 0-20mH.

Note : Estimated Cost of Rs. 60,000/-