

Centre of Excellence for Green Energy & Sensor Systems  
Indian Institute of Engineering Science & Technology  
(IIEST), Shibpur  
Howrah-711 103

Project Code: DRC/DST/CEGESS/HS/043/10-11

**Notice Inviting Quotations**

Sealed quotations are invited for the supply of **Emulsion Front & Back Screen for solar cell contact making.**

as per the following technical specification. The relevant 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. H. Saha) between 10.30 a.m. and 3.00 p.m. on all working days. The invitation is valid for 7 working days from the date of publication of this notice.

**Dean (R & D)**

**(A. Code DRC-T115/15-16)**

## **SECTION I: TERMS & CONDITIONS**

1. The last date of receipt of quotation is valid **for 7 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. Hiranmay Saha  
Chair Professor & Project Investigator  
CEGESS  
IEST, Shibpur  
Howrah-711103, India**

3. Item name must be mentioned on cover of Envelope
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.

## **SECTION II: TECHNICAL SPECIFICATIONS**

### **Emulsion Front Screen for solar cell contact making.**

72 x 72 Pseudo

New 350 Frame Size

MESH 360/16 TENSION 30

Stainless Steel @ 22.5° (Mesh Angle)

Number of Busbar-2nos

Finger Width opening 0.05mm

Busbar width opening 1.5mm

C-C distance b/w fingers 2mm

Height of the busbar 72mm

Height of the finger 72mm

No of fingers along y-axis=37.

### **Emulsion Back Screen for solar cell contact making.**

72 x 72 Pseudo

New 350 Frame Size

MESH 250/30 TENSION 27

Stainless Steel @ 22.5° (Mesh Angle)

Full opening with 2mm border all around.

All the screens must have 4 nos fiducial of 1 mm coordinate details will be given after the quotation is finalized.