

## **Department of Physics**

Indian Institute of Engineering Science & Technology, Shibpur  
Howrah – 711103

**Advt.No.Web/PHY/IIEST/16-17/118**

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### **Notice Inviting Quotation**

Sealed quotations are invited for supply of the following items/equipment or to carry out works listed below as per mentioned specifications. The relevant bidding document can be downloaded from the website. The document can be also obtained from the Department of Physics (contact :Dr. Mojammel Haque Mondal) between 12.00 p.m. and 5.00 p.m. on all working days The quotation should include all kinds of taxes/duties and delivery charges of the items to the Office of the Department of Physics, IIEST, Shibpur, Howrah-03. Last date of submission of sealed quotation is **7 working days from the date of publication** in the Website of the Institute and tenders will be opened on the next working day at 12 noon.

Dr.Mojammel Haque Mondal  
Physics  
IIEST,Shibpur, Howrah – 03.

## List of items:

### 1. Single crystal Silicon wafer (p-type):

Grade: Prime CZ

Dia: 3 inch

Thickness:  $380 \pm 20 \mu\text{m}$

Orientation (100)

Type-P type boron doped

Resistivity: 1-10  $\Omega\text{cm}$

Single side Polished

Quantity: 15

### 2. Single crystal Silicon wafer (n-type):

Grade: Prime CZ

Dia: 3 inch

Thickness:  $380 \pm 20 \mu\text{m}$

Orientation (100)

Type-n type Phosphorous doped

Resistivity: 1-10  $\Omega\text{cm}$

Single side Polished

Quantity: 15

### 3. 2 Ltr Magnetic Stirrers with Hotplate and display

Product Specifications:

Maximum stirring speed: 1200 rpm

Type of Product: Stirrers with Hotplate and display to read temperature and r.p.m.

Max. stirring quantity (Water)(Liters): 2 Ltr

Dimensions (WxDxH) (mm) ~ 200 x 225 x 185 mm

Power 300 Watt

Stirring magnet

### 4. Sonicator

- Ultrasonic bath cleaner
- Digital Control of time and temperature
- Bath Volume: 1.3 ltrs
- Digital timer: yes
- Ultrasonic power 60Watt
- Tank size(LxDxH mm): 150x137x65