

**Office of the Dean Research and Consultancy  
Indian Institute of Engineering Science & Technology (IEST), Shibpur  
Howrah-711 103**

**Project Code: "DRC/DST-INSPIRE/CEGESS/AB/014/18-19"**

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

**Ref.: Tender Advt. No. CGE 1486, dated 11.04.2019**

**Notice Inviting Quotations**

Sealed quotations are invited for the supply of:

Item. **Digital Analytical Balance.**

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 : Dr. Anirban Bagui**) 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.

**Approximate Works Value Rs. 70,000/-**

**Dean (R & C)**

**(A. Code DRC-T087/18-19)**

## **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:

**Dr. Anirban Bagui**  
**CEGESS**  
**IEST, Shibpur**  
**Howrah-711 103, India.**

3. **Item name & Tender code must be mentioned on cover otherwise the quotation will not be accepted.**
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 in IEST, IIT, NIT, IISc and other Central Govt. institute and 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 or any authorized person 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.
10. **Payment Terms : 100% Payment after successfully installation, no advance payment will be entertained.**

## **SECTION II: TECHNICAL SPECIFICATIONS :-**

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**Item : Digital Analytical Balance      Quantity : 01 No.**

### **Specification :**

- Weighing capacity : 120g
- Readability : 0.1mg
- Repeatability :  $\pm 0.1$ mg
- Linearity :  $\pm 0.2$ mg
- Weighing pan size  $\geq 90$  mm dia Approx.
- Weighing chamber height  $\geq 205$  mm Approx.

### **Features :**

1. Supervisor Lock : Password protected menu lock protect against unauthorized access.
  2. USB Port for direct Data Transfer to Microsoft® Excel spreadsheet without any additional software.
  3. Density Determination & automatic calculations for accurately determination of density of a solid object.
  4. Peak Hold Function for effortlessly read off the maximum force released in milliseconds when a switch is activated, or weigh a bulky sample that covers the display.
  5. Check weighing : Check whether different objects are within a specific tolerance range.
  6. Display Touch screen with graphical user interface
  7. Electromagnetic Compatibility & Safety of electrical equipment : In accordance with IEC 61326-1 & IEC 61010-1. ( Electrical equipment for measurement, control, and laboratory use ).
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