

**Department of Metallurgy and Materials Engineering
Indian Institute of Engineering Science and Technology (IEST), Shibpur
P.O. Botanic Garden, Howrah-711 103, West Bengal, India**

Allotment Head: CPDA grant of **Dr. Debdulal Das**

Fund: CPDA

ORDER NO. 1647/D (FW)/22 Dated 15.12.2022 for FY 2022-23

Ref.: Tender Advt. No. 05/MET/IESTS/2022-23 dated 31.01.2023

Notice Inviting Quotations

Sealed quotations are invited for the supply of various consumables. The relevant bidding document can be downloaded from the website. Last date of submission of sealed quotation is **10 days from the date of publication** by **5.00 p.m.**

This is downloadable

INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR



BIDDING DOCUMENT

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For Supply of Consumables

Department of Metallurgy and Materials, IEST Shibpur

31st January, 2023

SECTION I: TERMS & CONDITIONS AND IMPORTANT INSTRUCTIONS FOR BIDDERS

1. Bidders are to invited to submit sealed quotation as per the technical specifications for tendered item to HOD, Department of Metallurgy and Materials Engineering, **on 10 days from the date of publication** between **10.30 a.m. to 5.00 p.m.** except Saturday, Sunday and other public holidays.
2. The last date of receipt of tenders is **10 days from the date of publication** upto **5.00 p.m.** quotations received later will not be entertained under any circumstances.
3. Date and time of opening of bid is **next working day at 11.00 a.m.** and the place of opening of bid is at the office Room of the Department of Department of Metallurgy and Materials Engineering, IEST, Shibpur, Howrah-711103.
4. Bidders are to submit the quotations in Sealed Cover to the Department of Department of Metallurgy and Materials Engineering in the following address:

**Head
Department of Department of Metallurgy and Materials Engineering,
IEST, Shibpur
Howrah-711103, India**

5. All bids should be submitted in ONE-BID (**TECHNO-COMMERCIAL BID**) Format in covers (**Enquiry Number must be mentioned on cover**).

TECHNO-COMMERCIAL BID - giving Detailed Specifications, International Standards (BIS/INTERNATIONAL), Catalogues, List of users & Technical Details / Operating Parameters, payment terms, warranty, etc. along with PRICE BID - giving full Prices in Indian Rupees (only) for

- (a) Tendered item.
- (b) Essential Accessories & Spares.

6. **The price quoted should be inclusive of all Taxes, duties and levies. Inclusion of Tax/Levy at a later stage will not be accepted. Freight, Insurance charges should be clearly indicated if applicable.**
7. The materials are to be supplied at a place within IEST, Shibpur premises between 11.00 a.m. and 4.00 p.m. The tendered will be responsible for any breakage, damage or defect in the container detected subsequently. The supply of Consumables should be completed within a period not exceeding one month from the placement of the formal work order or opening of the LC failing which appropriate action will be taken as per institute rules.
8. If the supply is not completed within the stipulated period as indicated in the Work Order, a Liquidated Damage @ ½ per cent per week will be imposed subject to maximum of 5% of the value of work order.
9. Catalogue number(s) of the respective manufacturers along with name of the manufacturers/brand name and purity (grade) of the items must be provided with the

techno-commercial bid without which bid will not be considered.

10. Manufacturer certificates and authorization certificates from the OEMs may be required from the vender.
11. The vendor should be able to provide all the Chemicals listed here and all- inclusive total price must also be quoted for the desired list.
12. The evaluation will be done **on the basis of overall price of all items.**
13. For Indian purchase (*This clause is applicable only for Indian purchase and not applicable for foreign purchase*):

Bills in triplicate should be presented for payment within 15 days of Supply / Completion of work. No Advance Payment can be made. All bills are to be accompanied by Order copies and Challan Receipt. The Order Number is to be noted on both the Challan and the Bill.

14. Documents to be submitted with the tender:

Tender Documents/Terms & Conditions in Original duly signed by the Proprietor / Partner/ Director of the Company as a token of acceptance of Terms & Conditions of Tender.

15. Customs Duty & Excise Duty

- The Institute will not issue any C or D form availing of concessional Sales Tax/ VAT.
- The Institute will issue Customs Duty Exemption Certificate or Excise Duty Exemption Certificate for foreign purchase, if required.
- **The Institute will not provide GST Exemption Certificate and GST to be quoted @18%.**

16. **Indian Institute of Engineering Science and Technology, Shibpur, Howrah reserves the right to accept / reject all or any of the tenders without assigning any reason whatsoever.**

We accept the above terms and conditions.

Dated:

Signature of Bidders/
Suppliers With date & Seal

SECTION II: TECHNICAL SPECIFICATIONS

List of Work and Consumables

Item 1:

Preparation of **compression samples** (as per ASTM E9 standard; Cylindrical, Diameter: 10 mm, Length: 15 mm) *by* Wire Electrical Discharge Machining (WEDM) from hot rolled steel plates.

Number of samples: 54

Item 2:

Manufacturing and supply of Electrode (20x15x10 mm³ block) made of **Copper** (30 nos.) and **Brass** (30 nos.) for Electrical Discharge Machining (EDM) operation.

Item 3:

Purchase of AA7050 Al-alloy [Zn: 5.7-6.7, Cu: 2.0-2.6, Mg: 1.9-2.6, Zr: 0.08-0.15, Fe≤0.15, Si ≤0.12, Mn≤ 0.10, Ti≤0.06, Cr ≤ 0.04, Al: Bal., all in wt.%] **plates** (Thickness: 8-12 mm)

Quantity: 30 kg (*Approximate*)

Item 4:

Preparation of tensile samples (as per ASTM E8M) from **heat treated plates of SAE52100 plates.**

Number of samples: 16

**The item and quantity may vary depending upon the availability of the fund.*

Contact Office of the Head, Department of Metallurgy and Materials Engineering, IEST Shibpur for any clarification during office hours.