



Govt. of Maharashtra

## Govt. College of Engineering, Nagpur

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"To be an Institution of National Repute Creating Globally Competent Technocrats to Serve the Society"

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Date :

08 FEB 2023

**Sub. :- Quotation for supply of equipment.  
( Due Date 16/02/2023 )**

Sealed Quotations are invited from eligible and interested manufacturers /dealers / distributors for the supply of Metal Melting Furnace Machine Equipment for Workshop deptt. as per the details given in the Table - I & II. The quotations should be submitted in two bid / envelope system. Bid submission procedure is given below.

**Table – I: Technical bid format (to be submitted by supplier in 1<sup>st</sup> sealed envelope)**

| Sr. No. | Name of the item with specification  | Quantity required | Departmental Estimated Cost per Unit (In Rs.) | (To be filled by the supplier)                                 |                              |
|---------|--|-------------------|---|--|------------------------------|
|         |  |                   |   | Specification of Item offered                                  | Deviation if any. (Yes / No) |
| 01      | <p><b>Metal Melting Furnace Machine –</b></p> <p>i) Material Loading Capacity (kg): Minimum 100 Kg. ii) Power Source: Electric, iii) Type of Furnace: Fix, vi) Max Temperature (degree Celsius): 500-1000 degree Celsius and above, v) Melting Material: Aluminum,</p> <p>vi) The furnace shall be considered for holding and preserve of molten metal. It is suitable for transport between molten aluminum to the workstation. This furnace shall suitable to be used in pressure die and gravity die casting. The furnace shall hold and maintain the molten metal at specific temperature inside the crucible. Vii) High Grade insulation shall be used in furnace. Optimized connected loads shall be used for both Melting and Holding Operation. Viii) Electric Resistance/induction furnace shall attain temperatures ranging from 1100 °C up to 1300°C to melt Aluminum, Brass as well Bronze. ix) Multilayer Insulation of High Grade Ceramic Fiber to withstand temperature up to 1600 °C. The furnace chamber insulation with high-quality</p> | 01 No.            | Rs. 2,75,000/-                                | <p>Name :<br/>Make :<br/>Model :<br/>Specification :<br/>:</p> |                              |



|   |  |  |  |  |
|---|--|--|--|--|
| <p>lightweight refractory bricks is required for holding operation for rapid heat-up times in noncontiguous operation. X) High Temperature heating elements with rigid construction of minimum 8 mm thick shell and Silicon Carbide Crucible furnace along with control panel with an Automatic Temperature Set control system is required. Xi) Over-temperature limiter in furnace chamber for protection against overheating is required. The limiter switches off the heating when the set limit temperature is reached, and only switches it back on after the temperature has fallen again. Loading capacity minimum 100 kgs per Batch. xii) Compact design xiii) Less maintenance Warranty (2 Years), Service on payment basis shall be provided for 2 years after warranty period. Installation and demonstration at consignee site.</p> |  |  |  |  |
| <b>Delivery period required (in weeks)</b>  |  |  |  |  |
| Also enclose Technical literature / leaflet/ photograph of equipment / Item that contains above details.  |  |  |  |  |
| Date -<br>Place -   |  | (Signature of Supplier)<br>Office seal of Supplier |  |  |

**Table-II: Commercial bid format (to be submitted by supplier in 2<sup>nd</sup> sealed envelope).**

| Sr. No.           | Name of the item with specification  | Quantity required                                  | All inclusive cost per unit | All inclusive cost for quantity mentioned. |
|-------------------|--------------------------------------|--|-----------------------------|--|
| 1.                | <b>Metal Melting Furnace Machine</b> | 01 No.   |                             |  |
| Date -<br>Place - |                                      | (Signature of Supplier)<br>Office seal of Supplier |                             |  |

**G. The first envelope shall contain Technical specifications of the product (as per Table - I), technical literature/ leaflet and other firm documents mentioned below.**


1. Covering letter of bidder on the company letter head mentioning official address, Contact No, e-Mail address and website (if available) URL.
2. Company registration certificate.
3. GST registration certificate.
4. GST Clearance Certificate/ GST Challan paid up to last quarter of the financial year.
5. OEM /Authorization/ Distributorship certificate from manufacturer.
6. Technical literature / leaflet of the make and model no of equipment quoted additional document may also be asked by undersigned for confirming the details.
7. Undertaking about quality of item and service after supply of items.

**H. The second envelope shall contain the financial bid (as per Table - II), in which the rates of items are quoted.**

1. The quoted rates shall be inclusive of all rates (such as taxes, freight, carting charges, insurance, packing and forwarding charges or any other surcharges) with a F.O.R. destination. Financial bid shall be signed with office seal of the supplier.
2. The material will be checked at this institute.
3. No extra charges will be paid for cartage, packing etc. for the material rejected & replaced.
4. Rates should be valid for 1 Year from the date of confirmation letter.
5. Materials should be quoted for standard makes.
6. The required quantity may vary.
7. If the Unit cost is below Rs 3 lakh then the Warranty should be 2 years from the date of installation and final acceptance. . If the Unit cost is more Rs 3lakhs and upto Rs 7 lakhs, then the Warranty should be 3 years from the date of installation and final acceptance. If the Unit cost is more than Rs 7 lakhs and above, then the Warranty should be 5 years from the date of installation and final acceptance.

**I. Please note following procedures, terms and conditions while submitting the bids.**

1. Envelopes should be sealed with a mention of the type of envelope (Technical/ Financial), Reference no., Date of opening the quotation on the front side of the envelope. These two envelopes should be sealed in a third envelope by giving heading "Quotation for supply of Metal Melting Furnace Machine Equipment for "Workshop DEPARTMENT".
2. The quotations should reach the undersigned on or before **date 16/02/2023**.
3. Quotations will be opened at 11:00 AM on **date 17/02/2023**.
4. Representative/supplier may attend the office (if desired so) at the time of opening of quotations at your cost.
5. The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.

  
Principal  
Govt. College of Engg. Nagpur.

**Copy to :**

- ✓ 1. Head of Computer Department for hosting on the Institute's website in time limit.
2. Registrar, GCOEN to place on the Notice Board.