**NOTICE INVITING TENDER**

**Subject: Supply & Installation of Printed Circuit Board (PCB) Prototype Making Machine**

Indian Institute of Technology (Indian School of Mines), Dhanbad invites quotations for the following to be supplied and delivered in EE Department.

|  |  |  |  |
| --- | --- | --- | --- |
| **S No** | **Full Description of items/ store** | **Qty** | **Delivery** |
| 1 | **Supply & Installation of Printed Circuit Board (PCB) Prototype Making Machine**  (Detailed Specification is given in Annexure – I ) | 01 No | At the Earliest **/**Ex-Stock |

**Tender Schedule**

|  |  |
| --- | --- |
| **Particulars** | **Date & Time** |
| Last date and time for submission of tenders | **26.05.2017 at 3:00 P.M.** |
| Date and time of opening of tenders | **26.05.2017 at 4.00 P.M.** |

1. You are requested to quote your lowest rates for the supply of above items in the attached

format for Financial Bid (Annexure – II)

1. Clarification(s) sought after the prescribed date shall not be entertained.
2. You may send your representative in the office of the undersigned at the scheduled date and

time of opening of tender.

1. Tender should be submitted in sealed cover only superscribed with Enquiry No. and due

date at the following address only:

***The Deputy Registrar (P&S)***

***Indian Institute of Technology (Indian School of Mines),***

***Dhanbad – 826 004 Jharkhand***

**Terms & Conditions**

1. The rates should be quoted for each item separately.
2. Conditional offer will not be accepted.
3. IIT (ISM) does not issue any Form ‘C’ or ‘D’ towards sales tax concessional rate. Hence, full rate of sales tax/VAT applicable should be quoted.
4. ***Educational discount,*** if any, should be clearly mentioned.
5. You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
6. Your tender must be valid for **minimum 90 days** from the date of opening of tender.
7. Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **12 months.**
8. *Each page in the bid document must be numbered properly* and duly signed & sealed by the bidder on every page of the bid.
9. **The items/ materials shall be required to be delivered at EE Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad** at the risk and cost of the tenderer.
10. Unloading and installation shall be the complete responsibility of the supplier.
11. The stores are required to be delivered within 30 days. Late delivery may not be accepted.
12. The items offered should be of good quality confirming to BIS standards, wherever applicable.
13. ***Advance payment is not admissible***. Payment shall normally be made within 3-4 weeks subject to receipt and acceptance & installation (as per Purchase Order Terms) of the ordered materials/items.
14. In the event date on which the tender is opened for acceptance is declared to be a holiday, the tenders shall be deemed to remain open for acceptance till the next working day.
15. Please send your offer by Regd.Post/ Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM) working hours only (i.e. Monday to Friday). *Late or delayed tenders shall be summarily rejected.*
16. Any other information that you may like to obtain, you are free to contact IIT (ISM) before submission of tender.
17. IIT (ISM) reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Deputy Registrar

## Annexure — I

Specification of PCB Prototyping machine

Technical Specifications:

1. Working area : 210x200x I Omni or larger
2. Min drill hole size : 0.4 mm or lesser
3. Min cutting trace/space : 4.5 mil or lesser
4. X/Y Resolution : minimum 0.06 mm
5. Spindle Motor : BLDC Motor or similar
6. Depth sensing and adjusment : Automatic

## Tool change : Manual or Automatic

1. Tool holder : at least 1/8 inch
2. X/Y/Z driver : Stepping Motor or similar
3. Must have Micro drilling & milling facility
4. Should be capable of designing/prototyping two layer PCB

# Other Necessary Featurcs:

1. Auto depth adjustment
2. Position Selection facility
3. Pause/Resume option
4. Emergency Stop and Play
5. PC based Software with interactive GUI
6. Software support for files created using TINA, Eagle (or similar software)
7. Rugged construction
8. Chemical free operation

## USB Interface

***Annexure - II***

**Format for Financial Bid**

NIT No.: EE-500034-2017-18 Date:

Bidders Ref: No. Date:

**Subject: Supply & Installation of Printed Circuit Board (PCB) Prototype Making Machine**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl. No. | Full Description of Items | Qty. | Rate | Amount |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  | Packing & Forwarding (if any) | |  |
|  |  | **Total** | |  |
|  |  | CST/VAT (if any) | |  |
|  |  | Freight (if any) | |  |
|  |  | Installation (if any) | |  |
| Amount should be in figure as well as word | | **Grand Total** | |  |

**Note:**

1) All the details must be provided as per prescribed format only

2) Prices quoted by the bidders should include all local taxes, VAT, service tax, duties, livies, transportation cost

and insurance costs etc. if any

3) All the rates must be quoted in Indian Rupees.