



**BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL**  
**TRM DIVISION**

**NOTICE INVITING TENDER**

**Enquiry No.: TRM /Contract /Machine/19H02**

**Date: - 20/06/2019**

Transformer manufacturing division, BHEL, Bhopal invites tender on **two part bid basis (Part I-Techno-Commercial Bid & Part II- Price Bid)** for the following work in TRM (BL-III & UHV Trfr BL) :-

**Work category : - Machine shop activities**

**1. Scope of work :-**

**A) Work Station no-1 : TG-22 SLITTING CUTTER GRINDING MACHINE**

- (i) **Nature of work** – This work station is used to grind slitting cutters which are used in various slitting lines of our block. The work will include grinding of these cutters and also daily cleaning and greasing of machine before and after work.
- (ii) **Quantum of work**- The work can be quantified as no of slitting cutters grinded.
- (iii) **Standard timing** – standard time for grinding a slitting cutter is **8 hours per cutter** (this includes grinding of both the faces of a single cutter).
- (iv) **No of shifts in which work has to be carried out** – 2 shifts which are 7:00 am to 4:00pm and 4:00 pm to 1:00 am.
- (v) **Man power requirements** – Two men are required for successful running of the machine in a single shift in which one should be skilled and other un-skilled.

**B) Work Station no-2 : There are three machines in work station no -2 details are as given below:-**

- a) 6/A/11 – CHASER GRINDING MACHINE
- b) 6/A/13 – TOOL AND CUTTER GRINDER
- c) 6/A/22 – TOOL AND CUTTER GRINDER

- (i) **Nature of work**: - these machines are used to grind various tools like chasers, circular saw cutter, milling cutters.
- (ii) **Quantum of work** – work can be quantified as no of item grinded.
- (iii) **Standard timings:-**
  - a) 6/A/11 – grinding of chaser 4 hrs. for one set.
  - b) 6/A/13 – grinding of milling cutter – 4 hrs. for one no.
  - c) 6/A22 – grinding of circular saw – 2 hrs. for one no.

(iv) **No of shift** – only one shift 7 am to 4 pm.

(v) **Manpower requirement** – one skilled worker in one shift can run this complete work station.

**C) Machine shop : as per requirements**

- (i) **Machine no-06/A/10:-** Turning operation in single shift per day, timing as per standard technology timings.
- (ii) **Machine no – 06/A/27:-** Drilling in single shift per day, timing as per standard technology timings for drilling.

(The manpower requirement shall generally be as stated above but may change as per shop requirement)

**2. Quantity :- 8,500 Machine hrs**

(TRM shall record run of each machine daily basis and cumulative machine hr shall be booked monthly)

(The work is indivisible and total work in full shall be ordered on single party).

### 3. Qualification criteria :-

3.1 The bidder should meet all the following statutory requirements:-

- (a) ESI certificate,
- (b) I/Tax PAN copy, GSTIN
- (c) Labour License, as applicable (after award of work).

3.2 Average Annual financial turnover during the last three years ending 31.Mar.2018, should be at least **Rs. 1.85 Lakhs/-**.

3.3 The bidding firm should have the minimum requisite experience in the followings:-

- (i) The firm should have involved in the Machine shop activities or any machine operation activities in any manufacturing industry.

Or

The firm should have the experience in manufacturing of Laminations (machine operations for lamination cutting) or insulation item preparation or Support activities for Transformer manufacturing.

- (ii) The firm should have experience of successfully completed records of above mentioned activities in (i), during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following :-

- (a) Three successfully completed works as in (i), costing not less than the amount equal to **Rs. 2.47 Lakhs/-**.

Or

- (b) Two successfully completed works as in (i), costing not less than the amount equal to **Rs. 3.09 Lakhs/-**.

Or

- (c) One successfully completed works as in (i), costing not less than the amount equal to **Rs 4.94 Lakhs /-.**

- (iii) The bidding firm is required to furnish the necessary testimonials, along with their two bid offer towards fulfillment of the conditions as defined in (i) & (ii) as per **cl. 7(f),(g),(h)**, without which their offer shall be deemed as ineligible.

- (iv) The above all the conditions should be met by the bidder firm only, not by any associate firm.

(The firms meeting the above requirements shall be qualified technically for further processing of tender)

4. **Work commencement :-** Within one week from the date of issue of LOI/W.O

**Contract Period: -** Up to Jun-2020 from the date of W.O. commencement.

5. **Tender Fee: - Rs . 500 /-** The tender fee is to be deposited through Online E-payment system available on BHEL-Bhopal website or using POS system at BHEL-Bhopal. The tender fee receipt should be deposited along with technical bid. GST on Tender fee shall be charged extra. **(Exempted For MSME)**.

6. **Earnest Money Deposit: -** Fresh EMD slip of **Rs12,342/-** deposited through Online E-payment system available on BHEL-Bhopal website should accompany the techno-commercial offer. One time EMD of Rs.5.00 lakhs/- deposited in BHEL-Bhopal unit will also be accepted. Offer without EMD will be rejected. **(Exempted For MSME)**

7. **Quotations :-**

Firms are required to submit quotation as per the **two parts bid** system.

- i. The Part-I Technical bid in a sealed envelope super **scribing "Envelope-I, Technocomercial Bid", Tender Name ,Ref. No. & Due date of Opening** shall contain the followings only:-

- a) Tender fee receipt
- b) Fresh EMD/One time EMD slip,
- c) Copy of ESI certificate,
- d) Copy of Labour license, as applicable(after award of work),
- e) Copy of I/tax PAN no.,GSTIN
- f) Copy of Balance sheet and profit & loss account and also ITR for last three years ending March 2018 for fulfilling NIT cl.3.2.
- g) List of Jobs/activity carried out as per NIT cl.3.3(i), at Annexure – ‘A’,
- h) Completion cum performance certificate along with work orders for fulfillment of NIT cl.3.3(i),(ii)
- i) Declaration sheet as per proforma at Annexure – ‘B’.
- j) Check list and schedule of general particulars as per Annexure-‘C’.
- k) Undertaking as per Annexure “D” from general Terms and conditions
- l) Signed & Signed & stamped copy of NIT, special conditions and General terms & conditions & statutory compliances. All the documents mentioned in **cl.7.i** should also be signed and stamped.

(All the documents submitted in part-I should be arranged in the order as per **cl.7.i**)

- ii. The **Part-II** shall contain only **Price bid** in a separate sealed envelope super scribing **“Envelope-II, Price Bid”, Tender Name ,Ref No. & Due Date of Opening.** Price bid will be opened for only those firms, which are found to be technically competent in Part- I (Technical bid).

**8. Last Date of Bid submission : 01/07/2019(Monday) by 11:00AM**  
**Date of Techno-commercial bid opening:- After 02:00 PM on the same day**

**9. Venue for bids submission/ opening :-**  
 Tender Room, Admin Block, Ground Floor,  
 BHEL, Bhopal-462022

**Note:-**

- i. The envelop should be dropped in the **tender box (Green colour)** in the tender room. Tender received after 11:00AM will be treated as late tender on due date.
- ii. The representative of the firm must bring their authority letter to witness the tender opening from 2:00PM onwards.
- iii. After awarding work, No excuse shall be entertained for loss of bidder or any other compensation, the successful bidder is fully liable to fulfill all tender conditions.
- iv. The contractor should provide uniform, shoes and other safety appliances within 15 days of commencement of order.
- v. **All statutory liabilities such as wages, PF, ESI, bonus, leave/holiday & all Other payments to workmen shall be fulfilled by contractor, No separate payment shall be entertained other than executed tech hrs.**
- vi. **Contractor has to manage work in all 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> shift on daily basis, on Sundays and holidays also, as per TRM need.**

**AGM-TRM, BHEL-Bhopal**