



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

NOTICE INVITING TENDER

Enquiry No.: TRM /Contract /Machine/21-02

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 Division :-

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) **Man power requirements** – **Two skilled men** are required for successful running of the machine in a single shift.

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

C) Machine shop : skilled manpower 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 :- 3,440 Tech hrs

(These Tech hours are **Machine hours in a year**, TRM shall record run of each machine on daily basis and cumulative machine hours shall be booked monthly)

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.2020**, should be at least **Rs.0.71 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.
Or
The firm should have been involved in any activities like Core Building Activities / Assy & TG Prep. Activities/ Coil winding/ Coil flanging/Pre coil Assy/ Insulation item prep./ Lamination Prep Activities/ Case fitting, Tanking & Pressure test activities for Transformer manufacturing.
 - (ii) The firm should have experience of successfully completed records of the above mentioned activities in (i), during last 7 years ending last day of month previous to the one in which applications are invited, as per either of the following :-
 - (a) Three successfully completed works as in (i), costing not less than the amount equal to **Rs.0.95 Lakhs** /-.
 - Or**
 - (b) Two successfully completed works as in (i), costing not less than the amount equal to **Rs. 1.19 Lakhs** /-.
 - Or**
 - (c) One successfully completed works as in (i), costing not less than the amount equal to **Rs.1.90 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 30-Jun-2022 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 **Rs.4,448** /- 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 2020** 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).

For consideration of running work order, the value completed on last day of month, previous to the one in which applications are invited will be considered.

(In case of BHEL Work Order, the work completion cum performance certificate should be signed by HR/CLC official of the rank not below than DGM, and in case of work order other than BHEL, submit the TDS certificate corresponding to the duration of the work order along with the performance certificate from the employer.)

- 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 : 17.01.2022 (Monday) by 11:00 AM**
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 the workmen shall be fulfilled by contractor, No separate payment shall be entertained other than executed Tech Hrs. However Bonus shall be payable as per Payment of Bonus Act 1965, on actual basis for the contract period on submission of proof of payment with the last bill of the contract and shall be restricted to amount of **Rs. 4.42 per tech hour**. Instant arrangement nowhere intends to affix responsibility of payment of Bonus on BHEL.
- vi. Contractor shall be responsible for making payment of wages through Bank before expiry of 7 days from the last day of wage period irrespective of the payment against the Running Bills by BHEL.
- vii. Contractor has to manage work in all 1st, 2nd, 3rd or any other shift as applicable on daily basis, on Sundays and holidays also, as per TRM need.