



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

**NOTICE INVITING TENDER**

**Enquiry No.: TRM/Contract/Processing/21-02**

**Date: - 16.12.2021**

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 :-

**1. Scope of work :-**

**A) For Plant in TRM (Instr Trfr) div.**

- Preparation for vacuum in CT,
- Leakage checking of vacuum in CT,
- Monitoring of vacuum/ Heating in ovens of CT & CVT Lot,
- Oil preparation for oil filling (circulation & Coordination of testing of oil),
- Disconnect the vacuum pipes of CTs,
- Topping up of oil in CTs,
- Oil sampling for parameter check,
- Process record.

(Firm has to perform above activities in any combination depending upon shop requirement as desired by shop executive)

**B) For various plants in CPM/BCM div.**

Process Operations of 7nos process plants, 5nos ovens and 3nos. filtration plant in CPM division and 7nos process plants, 8nos ovens and 2nos. filtration plant in BCM division for 24 hrs continuous processing including Sunday & Holiday.

General Processing work will be as follows for all plants:-

- Temperature & Vacuum recording as per desired proforma,
- Flooding operations,

**2. Quantity: - 14,043 Technology hrs.**

(These Tech hours are **Process Plant Hrs in a year**, this includes loading time, lead/preparation time and process time)

**(Total work is indivisible and shall be awarded to single firm)**

**A) For two plants in TRM (Instr Trfr).**

The plants require **5 skilled operators** each day (may also be less or more as per requirements) for above detailed work for 24hrs running plants throughout the year. No payment shall be made for breakdown & no load conditions of plants.

**B) For various plants in CPM/BCM div.**

Normally **8 skilled operators** will be required per day in all 03 shifts to manage process plants operations of both sections. No payment shall be made for breakdown & no load conditions of plants and man power shall be reduced or increased as per plant requirements. (In above A & B, One Process Plant hr may be considered as One man hr)

**3. Qualification criteria :-**

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

- ESI certificate,
- I/Tax PAN copy, GSTIN,
- 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. 2.91 lakhs** /-.

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

- (i) The Firm should have executed contracts of processing (Heating + Vacuum) of Transformers /CT's/CVT's/ Capacitors/ Bushings or executed similar operations of VPI process plants, in a manufacturing industry.

**Or**

The firm should have been involved in any activities like Complete CT & CVT Assy./Secondary winding of CT / Bushing Manufacturing for Transformers

**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, should be either of the following :-

- (a) Three successfully completed works as in (i), costing not less than the amount equal to **Rs. 3.88 Lakhs** /-.

**Or**

- (b) Two successfully completed works as in (i), costing not less than the amount equal to **Rs. 4.85 Lakhs** /-.

**Or**

- (c) One successfully completed works as in (i), costing not less than the amount equal to **Rs. 7.76 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.18,158** /- 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:-

- Tender fee receipt
- Fresh EMD/One time EMD slip,
- Copy of ESI certificate,
- Copy of Labour license, as applicable(after award of work),
- Copy of I/tax PAN no.,GSTIN
- 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 : 23.12.2021 ( Thursday ) 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 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> or any other shift as applicable on daily basis, on Sundays and holidays also, as per TRM need.**