



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

**NOTICE INVITING TENDER**

**Enquiry No.: TRM /Contract /Support/19S02**

**Date: - 04/06/2019**

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 TCB (BL-III & UHV Trfr BL) :-

**Work category :- Support activities**

**1. (A) Scope of work :-**

- i) To carry out various support activities at TRM div. for**
  - a) Lamination preparation, cheese preparation and core building,
  - b) Coil winding, knocking, mould prep. And coil flanging,
  - c) Insulation items preparation,
  - d) Unlacing, assy, relacing, tg prep., servicing and tanking,
  - e) Other similar or related activities like m/c shop, dispatch, materials handling, painting, technical development, technology works.
  
- ii) To carry out various support activities at bcm/cpm div. For**
  - a) Unpacking of porcelain housing, cleaning, disposing of woods and strips, and assisting in material handling work, assiting in cvt housings assy works.
  - b) Preparation of capacitor units loading in process plants, assiting in cap unit soldering works, preparation of cvt housings for assembly works, top and bottom plate cleaning, intermediate plate preparation etc.
  - c) Cleaning of capacitor boxes, box cutting work, filing, buffing etc, bushing lid welding support, bushing lid assy cleaning work,
  - d) Capacitor unit rack assy work support, rack assy hardware preparation, copper wire cutting, rubber sleeve covering on copper rods.
  - e) Electrical testing of capacitor units and cvt housings, preparation for sealing test of cvt housings and capacitor units, assisting in various assembly works.
  - f) Unpacking of bushing porcelains, cleaning, disposing of woods and strips, assisting in material handling work etc.
  - g) Assembly of bushings of 420/245/145/72.5/52 kv rating,
  - h) Core winding of bushings of all type ratings,
  - i) Cylinder winding support.

**(B) Work execution & Supervision:-** There is on average **40 to 50 skilled** workers, as per need of shop to be managed by firm. The work shall be executed by ITI passed workers, preferably in Fitter/Electrician/Machinist trades or Non ITI workers with at least 3yrs experience in relevant skilled work category in BHEL, shall only be deployed to execute the work under full administrative supervision of the firm.  
(Please note that the required man power may increase or decrease as per need of TCB div)

**2. (A) Quantity :- 1,40,675 man hrs**

**(B) Splitting of contract :-** This works contract shall be split between the L1, L2 & L3 (at L1 rate) offers, in the ratio of **50% : 40% : 10%** respectively.

**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. 30.64 Lakhs/-**.

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

(i) The firm should have involved in any activities like Complete Core Assy/ Assy & TG/ Coil winding/ Coil flanging/ Insulation item prep./ Lamination Prep Activities/Tanking, Case fitting & Pressure test activities for Transformer manufacturing..

Or

The firm should have involved in Support activities for core Assy/Assy & TG/Coil winding/coil flanging/Insulation item prep./Tanking/Case fitting/Pressure test activities in Transformer manufacturing.

Or

The firm should have involved in Core-Assy/Assy/Insulation application or insulation item preparation/Winding/Testing/test preparation in manufacturing of electrical product like Motor/Generator/Transformer etc.

(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. 20.43 Lakhs/-**.

Or

(b) Two successfully completed works as in (i), costing not less than the amount equal to **Rs.25.53 Lakhs/-**.

Or

(c) One successfully completed works as in (i), costing not less than the amount equal to **Rs.40.85 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)** and 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.1000 /- 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. 1,02,130/-** 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 : 14/06/2019 (Friday) 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**