



**BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
(TTG DIVISION)**

Date: 24.08.2019

NOTICE INVITING TENDER
Enquiry No.: TTG/GEN/2019/101

Tender enquiry for Works Contract in TTG to carry out test connection work for Testing of HVDC transformer, Higher rated transformer, Power Transformers, Reactors, Instrument Transformers, Bushing test, Capacitor test and Monitoring of MG Room & Test Plant.

- 1.0 Sealed tenders are invited in two bid system (One Techno-commercial and other for price bid) for carrying out the above work as per Annexure I (scope of work), General terms and conditions (Annexure II), statutory clauses & Instruction to contractor (Annexure III) as per details given below. Price bid may please be submitted in separate sealed envelope in the attached format.
- 2.0 Last Date and Time for submission of tender: - 06.09.2019 up to 11:00 AM
- 3.0 Date and Time of opening of tender: - 06.09.2019 at 02:00 PM
- 4.0 Place of tender submission and opening: - Tender Room, Ground floor, Adm. Building BHEL, Bhopal (M.P.)
- 5.0 **Contract period:** 10 Months from date of commencement of work order.
- 6.0 **Scope of work:** To carry out test connection work for Testing of HVDC transformer, Higher rated transformer, Power Transformers, Reactors, Instrument Transformers, Bushing test, Capacitor test and Monitoring of MG Room & Test Plant (refer Annexure-I) **with complete administrative and technical supervision.**
- 7.0 **Quantity: 33516 Technical Hours (As per Annexure-I)**
- 8.0 Tender documents cost of Rs. 500/- is to be deposited through Online E-payment system available on BHEL-Bhopal website or may also be deposited by POS System available at BHEL cash office. GST on tender cost shall be charged extra. The receipt of tender fee document should be submitted along with techno-commercial bid. Document can be downloaded from our website. Tender cost is not refundable (Exempted for MSME).
- 9.0 **Earnest Money Deposit:** Earnest money 50,000/- deposited through Online E-payment system available on BHEL-Bhopal website or may also be deposited by POS System available at BHEL cash office or One Time EMD in BHEL-Bhopal of Rs.5.0 Lakhs/- should accompany the techno-commercial offer. Offer without a proper EMD will be rejected (Exempted for MSME).

EMD of unsuccessful tenderers will be released only on finalizing of tender and after issue of work order. EMD will not carry any interest. EMD of successful tenderer shall be converted and adjusted against the security deposit.
- 10.0 Tender received without remittance of tender cost & the earnest money will not be considered and may be rejected.

11.0 **Security Deposit:** The (SD) has to be submitted by the successful bidder before the start of the work. The rate of S.D. as per BHEL terms shall be as 5 % of contract value.

12.0 **Statutory Requirement:** The Tenderer should submit following documents with tender: ESI No. and PAN No.

13.0 Tender should be submitted in two bid system and both in sealed envelopes (Technical bid in separate sealed envelope and commercial bid in separate sealed envelope).

a) Technical offer should include the following:

i) Detail of earnest money deposit or M.R. no.

ii) Receipt of tender cost.

iii) E.S.I. and IT PAN No.

iv) Experience certificate: as per clause 14.2 of Tender enquiry.

v) Detail Technical offer: Tender enquiry

Scope of Work (Annexure-I),

General Terms & Conditions (Annexure-II)

Statutory clauses & Instruction to contractor (Annexure III),

b) Commercial / Price bid: To be submitted in separate sealed envelope in the attached format.

14.0 **Qualifying requirements of the bidders:**

The bid is open for participation to those bidders who fulfill the following qualifying requirements.

14.1 The bidder shall have ESI Reg. number and IT PAN number.

14.2 (A) The bidder should have experience of successfully executing either of the below listed work during preceding 7 (Seven) years of tender opening date.

a. Test connection and preparation for testing of 400 kV and above class transformers/ reactors at the manufacturer works

or

b. Erection and commissioning works of test plant for testing of 400 kV and above class power transformers

or

c. Erection and commissioning works of Transformer or Substation or Transmission equipment of 400 kV and above class.

(B) Experience of having successfully completed any of above activity during last 7 years of tender opening date should be either of the following:-

a. Three successfully completed activity (any of above listed in clause 14.2 A) works costing not less than the amount equal to Rs. 10.0 Lakhs/-.

or

b. Two successfully completed activity (any of above listed in clause 14.2 A) works costing not less than the amount equal to Rs. 12.5 Lakhs/-.

or

c. One successfully completed activity (any of above listed in clause 14.2 A) works costing not less than the amount equal to Rs. 20.0 Lakhs/-.

(C) Average annual financial turnover of minimum Rs 7.5 lakhs during last 3(three) financial year

(D) P.O. copy along with satisfactory Completion Certificate (for a period of minimum six months contract) by end user is required to be furnished to support (A) & (B). The issued certificate should not be prior to the past 7 years of tender opening date.

(E) The above qualifying requirement shall be fulfilled by the firm itself and not by any of its associate firm.

14.3 Only main contractors shall be eligible for participating in the tender.

14.4 The tenderer shall have adequate staff required for the execution of the tendered work as contractor. The bidders shall submit complete list of staff expected to be deployed at site with their technical qualification and experience before issue of work order. The work is to be carried out by skilled and experienced worker with accuracy/correctness of work, reliability, safety and timely completion.

15.0 Price bid will be opened only of techno- commercially qualified contractors.

16.0 The Tenderer should indicate Enquiry No., Name of work and Date & Time of tender opening on the top of the envelopes.

17.0 Measurement of jobs & Payment:

- i) The payment shall be made only after the successful completion of specific activity as per Annexure -I & submission of bill after every month through running bills. Payment will be made per month on the basis of the quantum of work completed in the month.
- ii) Taxes will be deducted from the bills as applicable.

18.0 Requisites of Required Staff:

Tenderer shall depute staff as appropriate to carryout work in TTG. The work shall be carried out in 1st, 2nd & 3rd shift. Generally, 30 to 36 workmen per day are required to manage the activities and may increase or decrease as per work requirement. If required, the personnel are to be retained to complete the work in extra time beyond shift timing. Personnel shall also work on Sunday and Holiday if required. The contractor will have to deploy qualified and experienced supervisor during complete contract execution time. For detailed scope of work, may please refer Annexure-I.

19.0 Tenderer has to make provision for uniform (Shirt & Trouser), Safety shoes, Safety helmet, Apron, Hand gloves as per requirement and photo identity card for the staff deployed during the period of contract.

20.0 General:

- a) Contractor has to ensure that his employees shall take all safety measure for performing the work safely to avoid any untoward accident.
- b) BHEL shall not be responsible for any accident / injury to the persons employed by the contractor for working in the BHEL, Bhopal premises, however first-aid facility will be provided by BHEL free of cost in case of any injury.
- c) The contractor will ensure that they release payment, bonus and leave facility to their workers / supervisors as per norms published by factory/state or central govt. norms.
- d) The contractor shall observe / perform all the laws / enactment rules and regulations of the central and state govt. which are in force from time to time.

- e) In case of contractor absconding from the work, BHEL reserves all rights to get the unfinished work completed at the risk & cost of the contractor.
 - f) Delay in execution of work may cause penalty of 0.5 % of the contract value per week up to a maximum of 10%.
- 21.0 **Prior Inspection:** The tenderers can inspect and assess the volume of work before quoting if they so desire between 7.00 AM to 4.00 PM on any working day before the last date of tender submission.
- 22.0 In the event of acceptance of tender and if the contractor fails to commence the work within stipulated time frame, BHEL shall be at liberty to forfeit the said earnest money.
- 23.0 Accepting authority reserves the right to reject any or all the tenders without assigning any reason thereof.
- 24.0 Validity of tender: The tender must be valid for at least 90 days.
- 25.0 The party must have phone & mobile facility for effective communication during the entire contract period.
- 26.0 The total work shall be awarded on a single firm.
- 27.0 BHEL reserves all right to cancel / reject any part or full tenders without giving any reasons and any prior notice.
- 28.0 In case of any clarification, please feel free to contact.

Sr. Manager (TTG)