

# BHARAT HEAVY ELECTRICALS LIMITED

(A Govt.of India Undertaking)

High Pressure Boiler Plant, Tiruchirappalli 620 014, India

**MAINTENANCE & SERVICES**

☎: (0431) 2575010/ 2575123 e-mail: [lhoney@bheltry.co.in](mailto:lhoney@bheltry.co.in)



ISO 9001

Dt.05.07.2019

ENQ No: 9251900036

## NOTICE INVITING TENDER

**SUB: Supply, Installation and Commissioning of LTCT Panel in FS5 Substation.**

**Ref: Enquiry No.: 9251900036/ Dated: 05/07/2019; Due Dt: 12/07/2019**

Tender of the following work should be submitted in a sealed cover consisting of three inner sealed covers such as 1) EMD cover, 2) Technical bid cover & 3) Price bid cover, all super- scribing the name of work, enquiry number etc.

- 1) EMD cover shall contain **EMD of Rs. 672/-** Mode of Payment of EMD: (a) e-Collect mode (as directed in Commercial T & C) or (b) Banker's cheque/ Pay Order/ DD in favor of BHEL or (c) Fixed Deposit Receipt (FDR) issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies act (FDR should be in the name of the Contractor, a/c BHEL). EMD shall not carry any interest.
- 2) Bidders registered as MSE (UAN) / NSIC / SSI are exempted from paying EMD subject to submission of valid Registration document along with Tender. These bidders can avail EMD Waiver benefits only if they submit in EMD cover along with the offer, attested copies of either valid EM-II Certificate (five years from the date of issue of acknowledgement in EM-II or else, with attested copy of a CA Certificate in Enclosed Format) or MSE (UAN- along with CA certificate in attached format)/ valid NSIC / SSI certificate.
- 3) Technical bid cover shall contain duly filled in Technical bid document signed by the tenderer in all the pages with documentary evidences for pre-qualification such as experience, value of work executed in the similar nature of work etc. Any bid without proper documentary evidence for pre-qualification shall not be considered for further evaluation.
- 4) One set of unpriced bid of Contract Work Schedule duly signed by the tenderer for accepting the work content (BOM) should be submitted along with the Technical bid for technical evaluation.
- 5) The price bid cover shall contain price bid document duly filled in and signed by the tenderer in all the pages. The tenderer has to quote most competitive rates for all the items given in the Bill of Quantities in pricebid.

The complete Technical bid and price bid along with requisite **EMD of Rs. 672/-** shall reach the office of the undersigned on or **12/07/2019 at 14.00 Hrs.** MSE suppliers can avail EMD Waiver benefits only if they submit along with the offer, either of the following:

- 1) EM II Certificate having deemed validity of five years from the date of issue of acknowledgement in EM II.
- 2) EM II Certificate along with attested copy of a CA Certificate (Format Enclosed) if the date of issue of acknowledgement in EM II is older than five years as on the date of tender opening.
- 3) Valid NSIC certificate.
- 4) MSME - UAM certificate along with CA Certificate (Format Enclosed).

Sign & Seal of Contractor

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Tenders without EMD/ MSME proof as detailed above will be summarily rejected and the Technical bid & price bid shall not be considered.

The Technical bid will be opened on the same day at **14.30 hrs.** In case of opening day falls on holiday or happened to be declared as a holiday the receipt and opening of the tender shall automatically fall on the same timing of the next working day. Date and time of opening of the Price Bid shall be intimated only to the bidders those who have qualified after evaluation of the Technical bid. You / Your authorized representative may participate in the tender opening.

## **NOTICE INVITING TENDER**

01.	Name of work	<b>Supply, Installation and Commissioning of LTCT Panel in FS5 Substation.</b>
02.	Earnest Money Deposit	<b>Rs. 672/-</b>
03.	Duration of the contract	1 Month
04.	Last Date for Receipt of Tender	14.00 Hrs. on 12/07/2019
05.	Date of Technical Bid Opening	14.30 Hrs. on 12/07/2019
06.	Date of Price Bid Opening	Will be intimated to those who are Qualified separately.
07.	Guarantee Period	Not applicable

The Tender documents can be down loaded from BHEL website ([www.bhel.com](http://www.bhel.com)) Government's Central Public Procurement Portal (<https://eprocure.gov.in>) at free of cost. Tender document contains 09 Pages (Technical Bid -08 Pages, Schedule for price bid – 1 Pages).

Clarification if any can be obtained from Engineer/ Contracts/ M&S.

Encl:1) NIT – Notice Inviting tender (Consists of Preamble, Technical Bid & price bid)

Tender should be addressed to: **THE MANAGER,  
MAINTENANCE & SERVICES/ CONTRACTS,  
2&4 BUILDING, BHARAT HEAVY ELECTRICALS LIMITED,  
HIGH PRESSURE BOILER PLANT,  
TIRUCHIRAPPALLI - 620014,  
TAMILNADU**

ISSUING OFFICER

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## TECHNICAL BID

**NAME OF THE WORK: Supply, Installation and Commissioning of LTCT Panel in FS5 Substation.**

**Ref: Enquiry No.: 9251900036/ Dated: 05/07/2019; Due Dt: 12/07/2019**

### PRE-QUALIFICATION CRITERIA

The following eligibility criteria shall be complied to fulfill the Technical bid: -

Sl. No	Description	Vendor to confirm
1	The vendor shall submit the order copy for supply and installation of similar electrical panel manufactured/supplied by them in the past 5years.	
2	Performance certificate from any one of the customers with reference to the electrical panels supplied by the vendor in the past 5 years to be submitted along with the offer (Experience proof from other than BHEL shall contain work order copy along with Form 26AS / TDS certificate / bank statement for payment from the organization. Otherwise the offer shall be rejected)	
3	BHEL may verify the information provided by vendor. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected. Bidder to confirm.	
4	(i) BHEL Vendor code (if applicable) - (ii) PAN Number (Copy to be Enclosed) - (iii) GSTN registration Number (Copy to be Enclosed) - (iv) Mobile number (Which is linked to GSTN registration Number) - (v) Email id (Which is linked to GSTN registration Number) - (vi) SAC Code - Offer will be entertained only if the vendor submit the details as above & has a valid GST registration no. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer. Otherwise the offer shall be rejected.	
5	Acceptance for Scope of Work as per the Enquiry.	
6	Acceptance for All Terms & Conditions as per the Enquiry.	
7	The bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultans/service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <a href="http://www.bhel.com">http://www.bhel.com</a> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice	

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## Scope of the work:

ITEM NO.	Scope of the work	UOM	QTY
10/10	<p><b>Supply, Install &amp; Commission of LTCT Panel:</b></p> <p><b>A.LTCT PANEL SPECIFICATION:</b></p> <ol style="list-style-type: none"><li>415V LT Metering Panel for Tariff Metering shall be designed as per IEC standards and acceptable to TANGEDCO norms.</li><li>The metering panel shall be of Outdoor Cubicle form, Three Compartments along with secondary wiring for metering purpose.</li><li>Each compartment shall be provided with hinged door arrangement with suitable locking and sealing facility (TANGEDCO - MRT requirement).</li><li>The metering compartment shall be suitable to house 3ph, 4 wire 415V 0.2S Class Digital Energy meter. The compartment door shall be provided with viewing glass arrangement.</li><li>The CT compartment shall be suitable for housing the 0.2S class 200/5A CT - 3nos.</li><li>The bus bar shall be suitable for 300Amps, 4 wire system (3Ph and Neutral) and the bus bars shall be provided with proper supporting insulators. The bus bars shall have facility for connecting the 4runs of 185sqmm XLPE cable end terminations.</li><li>The terminal box compartment shall be provided with reputed make terminal blocks and HRC fuse carriers and test terminals blocks.</li><li>The cable entries shall be provided with 4nos of compression type glands suitable for holding the 3.5C, 185sqmm PVC AA cables (4runs).</li><li>Separate Earth terminal to be provided at the bottom of the panel for connecting the earth flat. Double earthing provision to be provided.</li><li>The complete drawings (with dimensions) and panel components details to be submitted along with the offer. The approx panel dimensions limitations are mentioned below; Length= 800mm, Depth =350mm and Height =1600mm.</li></ol> <p><b>B. INSTALLATION OF LTCT METERING PANEL:</b></p> <ol style="list-style-type: none"><li>The vendor is responsible for complete installation and commissioning of the supplied metering panel at FS5 Substation in BHEL Trichy factory.</li><li>The panel shall be floor mounted. Fixing up of sufficient quantity of grouting bolts and levelling of panels are under vendor scope.</li><li>Supply of sufficient length of cables is under BHEL scope.</li><li>Cable end termination and supply of compression type cable glands and suitable termination lugs are under vendors scope..</li></ol> <p><b>C. GENERAL TERMS and CONDITIONS:</b></p> <ol style="list-style-type: none"><li>Necessary MS material such as angle, channel, flat, welding electrode etc will be supplied by BHEL.</li><li>The contractor should supply necessary civil tools and materials for floor opening, grouting and floor concreting for erection and commissioning of panel.</li><li>Letter painting work in panel/LTCT box mentioning the cable size, bus bar arrangement etc should be done by the contractor as per the instruction of substation in charge.</li><li>Electric power for welding and other erection purpose will be provided by BHEL.</li><li>Welding machine, gas cutting set and regulator should be brought by the contractor.</li><li>Minor paint touching shall be done on the panel for damages caused during transportation of panel is under contractors scope. Paints will be supplied by BHEL.</li><li>Contractor should engage only Electrical "B" License holder for all Electrical work.</li><li>Erected panels should be handed over in good working condition after testing and commissioning.</li></ol>	NO	1

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## **GENERAL TERMS AND CONDITIONS FOR M&S CONTRACTS**

- 1) The workmen of contractor should be covered under PF/ESI, etc. as per labor laws.
- 2) Safety precautions have to be ensured by the Contractor Depending on the work nature. Necessary work permit system and personal protective equipment (PPE) such as electrical resistance rubber gloves, helmet, spectacle goggles, safety shoes, safety belt etc. as applicable to Mechanical works should be adhered while carrying out the work.
- 3) PPES for appropriate trade job has to be ensured by the contractor at the job site at all times.
- 4) The contractors may visit the area to assess the quantum of work before quoting.
- 5) The contractor should mention the point to point confirmation.
- 6) Contractor should commit for Terms and Conditions of the enquiry otherwise the offer shall be liable for rejection.
- 7) **TWO PART BID SYSTEM:** Contractor should send their offer for two part bid system as below
- 8) Contractor may visit to get acquaintance with quantum of day to day work by visiting BHEL Trichy premises before quoting.
- 9) The contractor should quote the exact time required to complete the work in their offer.

### **TENDERING CONDITIONS:**

- a) The Bidders shall submit the offer in TWO PART BID SYSTEM (Part -I & II) along with EMD as indicated below which shall be sealed in ONE OUTER ENVELOPE.
- b) Envelope I- This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked "Part I - Technical and commercial bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder. Envelope I should contain sealed EMD cover indicating the enquiry detail.
- c) Envelope II - This sealed envelope should contain price details. This envelope should be clearly marked as - "Part -II Price bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- d) Envelope III - This sealed envelope should contain requisite **EMD**. This envelope should be clearly marked as - "EMD COVER", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- e) All the three envelopes shall be put in one cover, duly sealed, super scribing as offer for Enquiry No., and due date of opening, Name of the work and the address and reference of the Bidder.
- f) The offer should reach this office on or before the due date by 14.00 Hrs. (IST). Late offers will not be considered.
- g) Tenderers should be free from CORRECTION AND ERASURES, Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.
- h) Offers should be in ENGLISH and accompanied by detailed Point to point confirmation of the scope of work.

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- i) Tender should not be addressed to any Individual's name but only by designation to:

THE ENGINEER  
MAINTENANCE & SERVICES / CONTRACTS, 2&4 BUILDING,  
BHARAT HEAVY ELECTRICALS LIMITED, HIGH PRESSURE  
BOILER PLANT, TIRUCHIRAPALLI, TAMIL NADU - 620 014.

## OPENING OF TENDERS:

- The Part I - Technical & un-priced commercial bid and EMD Cover alone would be opened on the Tender opening date (as mentioned in the enquiry) by 14.30Hrs(IST)
- The Part II - Price bid of technically suitable Bidders alone would be opened. The Technically Suitable Bidders would be informed about the Price bid opening date.
- Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.

## GST:

- Response to Tenders for Contractor will be entertained only if the vendor has a valid GST registration no which should be clearly mentioned in the offer. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.
- Contractor shall mention their GSTN registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.
- All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).

## LD CLAUSE:

If the contractor fails to complete the work as per terms & conditions of the order within the delivery schedule, 0.5% of the order value will be deducted for each week of delay or part thereof subject to a maximum of 10% of the total contract value.

## RISK PURCHASE:

In the event of any successful Tenderer's failure to fulfil any of the Tender / Contract obligations as per Contract / Agreement BHEL may entrust the job to alternate source and get it completed to meet BHEL requirement and additional expenditure, if any, including consequential cost, will be fully recovered from the Tenderer Contractor who failed to complete the job in line with Contract.

The decision of BHEL with regard to the actual losses / consequential expenditures incurred by BHEL shall be final and binding on the Tenderer / Contractor.

## INDEMNITY:

The Contractor shall have to indemnify BHEL against all claims for injury or damage to any person or property caused by his negligence or negligence of his employees whilst in BHEL premises / sites.

**IMPORTANT NOTE:** BHEL reserves the right to short close this work with one-month advance notice due to administrative reasons. BHEL's decision in this regard is final. Under such circumstances payment will be made for actual number of cleanings carried out up to the period.

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## **COMMERCIAL TERMS AND CONDITONS FOR M&S CONTRACTS**

- 1) 100% payment will be made after completion of work on pro rata basis on submission of invoice in triplicate duly certified by Area In – charge.
- 2) Payment of EMD & SD preferably be in e-Collect mode, while making such payment, Enquiry number may be mentioned in Remark column. **Offers without EMD shall be liable for rejection.**

### **Procedure to remit money to BHEL Trichy's Account :**

Login to : <https://www.onlinesbi.com/prelogin/icollecthome.htm?corpID=574693>

- a) Select State Bank Collect available on the top ( pre login page )
  - b) Accept the terms and conditions and click "PROCEED"
  - c) Select State "TAMILNADU " and Institution type "INDUSTRY ".
  - d) Select " BHEL TRICHY " under "INDUSTRY".
  - e) In the next page, Select APPROPRIATE category, fill details correctly & click "SUBMIT".
  - f) If all details entered are correctly populated, click "CONFIRM "to proceed.
  - g) Make payment as per your convenience. (Options available are payment of fees through SBI Net Banking, State Bank ATM cum Debit Cards / Other Bank Debit / Credit Cards and through SBI Branches).
  - h) SAVE & Keep the copy of receipt for future reference.
- 3) Security Deposit shall be furnished by the successful vendor to the total contract value before starting the work. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit. SD is forfeited in case of any failure in execution of the contract or due to any shortcomings observed in the documentation furnished earlier for getting qualified or in case the Contractor is banned.
  - 4) An additional payment as per circular ref. BHE/HR/W/EW/08.04.2014 is to be paid to the contract workmen as below, over and above the minimum wages prescribed by the government of Tamil Nadu:

Unskilled	-	Rs.3200/-
Semiskilled	-	Rs.3700/-
Skilled	-	Rs.4100/-
  - 5) Bonus @ 8.33 % to workmen to be paid.
  - 6) **Rate should be quoted as per price bid.**
  - 7) The rate that is offered should be comprehensive and no separate charges will be made towards expenses like travel, boarding and lodging.
  - 8) The contractor should quote the validity of the offer.
  - 9) If two or more vendors offer the same rate, revised offer will be received separately.
  - 10) The contractor should remit the salary/wages for their workmen only through Bank. Monthly clearance will be given in respect of all contractors, if only the salary/ wages to the workmen has been remitted through the bank account of the contract workmen. The relevant Bank statement/proof for Bank payment should be produced along with PF and ESI challan to Welfare Section every month.

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Sign & Seal of Contractor

## Certificate by Chartered Accountant on Letter Head

This is to certify that M/s. \_\_\_\_\_ (hereinafter referred to as 'company') having its registered office at \_\_\_\_\_ is registered under MSMED Act 2006, (Entrepreneur Memorandum No (Part II)) \_\_\_\_\_ dt. \_\_\_\_\_, Category: (Micro/Small). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year \_\_\_\_\_ as per MSMED Act 2006 is as follows:

**1. For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No. S.O.1722(E) dated October 5, 2006):

₹ \_\_\_\_\_ Lacs

**2. For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act 2006):

₹ \_\_\_\_\_ Lacs

**(Strike off whichever is not applicable)**

The above investment of ₹ \_\_\_\_\_ Lacs is within permissible limit of ₹ \_\_\_\_\_ Lacs for \_\_\_\_\_ Micro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is ..... (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name:

Membership number:

Seal of Chartered Accountant

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ENQ No: 9251900000

Dt.00.00.2019

## **SCHEDULE FOR PRICE BID**

**SUB: Supply, Installation and Commissioning of LTCT Panel in FS5 Substation.**

**Ref: Enquiry No.: 9251900036/ Dated: 05/07/2019; Due Dt: 12/07/2019**

ITEM NO.	SCOPE OF WORK	UOM	QTY	RATE	TOTAL
10/10	Supply, Install & Commission of LTCT Panel	No.	1		

**NOTE: Please quote rate for the above item text with reference from detailed text of Scope of work.**

- Taxes if any should be quoted extra.

- 1) 100% payment will be made after completion of work on pro rata basis on submission of invoice in triplicate duly certified by Area in – charge.
- 2) Tax deduction will be made from every bill at the prevailing rate as per the Government rule and regulation from time to time.
- 3) Detailed scope of work and other terms and conditions are specified in the Technical Bid of the Tender.
- 4) The rate quoted shall remain firm and valid throughout the entire Contract period and no extra payment will be reimbursed to the contractor by BHEL. Any increase of DA/ wages to the contract labor shall be absorbed by the contractor themselves during the period of contract

Sign & Seal of Contractor