



# BHARAT HEAVY ELECTRICALS LIMITED

( A Government of India Undertaking )  
HIGH PRESSURE BOILER PLANT  
PURCHASE DEPARTMENT - FOSSIL BOILERS  
THIRUCHIRAPALLI - 620014  
TAMILNADU (INDIA)

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PHONE :2577938  
GRAMS : BHARATELEC  
FAX NO: 2520719  
E-mail: tvenkat@bheltry.co.in  
Web:

Enquiry No	Enquiry Date	Due Date for Quotation
2681600018 - 79	23.08.2016	16.09.2016

Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order.  
**Bid should be submitted in two parts. 1.Techno-commercial bid (Part-I) and 2.Price bid(Part-II) in a separate sealed cover and both covers must be placed in a third cover and sealed. Our Enquiry No., Enq. date & Enq. Due date must be written on all three covers.**

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	<p>1250KVA, 11KV / 415 VOLT TRANSFORMER Part-A: Pre-Qualification Criteria for 1250 kVA enclosed dry type cast resin outdoor floor mounting type transformer with onload tap changer 1. Make of the transformer: BHEL/ Siemens/ Areva/ AmesImpex/ Voltamp/ RaychemRPG/ Crompton Greaves/ ABB/ Megawin or any other reputed make acceptable to BHEL. 2. Only those vendors who have supplied similar or higher capacity transformer and whose supplied transformers have been working satisfactorily for at least one year after commissioning should quote. Performance certificate from their reputed customer should be attached along with the offer. 3. The vendor should have successfully conducted type test as per IS on a transformer of same or higher capacity and voltage class in an approved test lab like CPRI/ DRDA and copy of the test certificate should be submitted along with the offer. 4. Vendor should possess facilities at the manufacturing works to conduct routine test as per IS on the transformer. Part-B: Specification for 1250 kVA enclosed dry type cast resin outdoor floor mounting type transformer with onload tap changer A. Transformer, OLTC and RTCC specification: A.1 Type of transformer: Cast resin, dry type A.2 kVA rating: 1250 kVA A.3 No load voltage ratio:Primary: 11000 V Secondary: 415 V A.4 Phase: 3 phase A.5 Frequency: 50 Hz, ±3% A.6 Winding type: Copper double wound A.7 Cooling: Natural air cooling A.8 Winding connection:Primary: Delta Secondary: Star A.9 Vector group: Dyn11</p>	NO	1.000	1.00	07.11.16

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.

Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

**R.I. PETER IRUDAYARAJ**  
Senior Manager

MANAGER / PURCHASE  
(FOSSIL BOILERS)  
Yours faithfully,

Materials Management/  
BHEL, TIRUCHY - 620 014.



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- A.10 Temperature rise max.: 90 deg. above ambient of 50 deg C  
A.11 Insulation: Class F or better  
A.12 Terminal arrangement: Primary: Cable box  
Secondary: Flange type, suitable for bus duct termination  
A.13 Tapping: On load tapplings at HV side  
A.14 Tapping range: +5% to -15% in steps of 1.25%  
A.15 RTCC panel: Indoor type  
A.16 Configuration: Outdoor floor mounting type  
A.17 Type of enclosure and protection class: Vendor to specify  
A.18 Overall dimension in mm: Vendor to specify  
A.19 Weight of core and winding: Vendor to specify  
A.20 Weight of transformer: Vendor to specify  
A.21 Weight of tap changer unit: Vendor to specify  
A.22 Total weight: Vendor to specify  
A.23 % impedance: Vendor to specify  
A.24 No load losses in Watt: Vendor to specify  
A.25 Full load losses in Watt: Vendor to specify  
A.26 Make and model of tap changer unit: Vendor to specify  
B. Accessories to be provided in the transformer:  
B.1 Rating and diagram plate: Vendor to confirm  
B.2 Earthing terminals - 2 nos.: Vendor to confirm  
B.3 Lifting lugs: Vendor to confirm  
B.4 Separate neutral bushing: Vendor to confirm  
B.5 Bi- directional plain roller: Vendor to confirm  
B.6 Primary HT bushing: Vendor to confirm  
B.7 Secondary LT bushing: Vendor to confirm  
B.8 On load tap changing gear: Vendor to confirm  
B.9 Winding temperature indicator: Vendor to confirm  
B.10 Transformer protection relay (winding temperature scanner):  
Vendor to specify the make, model and range of the temperature scanner and tripping relay.  
B.11 Transformer should be conforming to IS: 2026-1977/2006 and IS:11171/1985/2006 or equivalent standards: Vendor to specify  
C. Drawing Approval:  
C.1 On getting the order, the L1 vendor should get drawing approval and QAP approval before starting the manufacture.  
D. Pre-Dispatch Inspection:  
D.1 Filled in QAP should be submitted by supplier. After that, pre

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Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

**R.I. PETER IRUDAYARAJ**  
Senior Manager  
Materials Management /  
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MANAGER / PURCHASE  
(FOSSIL BOILERS)  
Yours faithfully,



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dispatch inspection should be carried out by BHEL's

representative at vendor's works. All the test reports should be produced during the inspection.

E. Documents:

E.1 3 hard copies and 1 soft copy of operation and maintenance manual of the transformer, OLTC panel and RTCC panels should be sent along with the transformer.

E.2 A copy of all the relevant test reports of the routine tests conducted as per IS: 2026 and original test certificates should be supplied along with the transformer.

E.3 Construction features of the transformer including the core, windings, insulation, standard/ optional accessories should be included in the O&M manual.

E.4 Complete bill of material of recommended spares should be provided.

Recommended checklist for regular maintenance should be provided to ensure enhanced life of the transformer.

F. Delivery Schedule:

F.1 Around 3 months from the date of placement of purchase order.

G. Erection and Commissioning:

G.1 The erection and commissioning shall be done by BHEL under the supervision of supplier's representative(s).

H. Warranty:

H.1 Minimum 12 months from the date of commissioning of the transformer at BHEL, Thirumayam.

## General Note:

1. Please submit your detailed offer in two part bid system i.e Part-I. Technical bid + Checklist (Annexure-A) + Unpriced bid indicating taxes & duties (Annexure-B) in a sealed cover, super scribing on the cover as "TECHNICAL & COMMERCIAL BID / PART-I"

Part-II. Priced offer in another separate sealed cover super scribing on the cover as "PRICE BID / PART-II"

Both the covers shall be duly super-scribed with tender reference and due date of opening. These covers shall be put in a single cover duly super-scribed with tender reference and due date of opening and addressed to us.

2. Point-to-point confirmation to BHEL's specification and commercial terms & conditions shall be provided. The supplier must fill and send all the Annexures as indicated in the list of attachments. Annexure-A &

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

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Annexure-B (with taxes and duties, without indicating prices) should be filled and submitted along with the technical bid, else your offer is liable for rejection.

3. Offers with validity of less than 120 days and non-acceptance of LD & RP clause and reverse auction will lead to rejection of submitted offer.

4. If the due date of tender opening happens to be a holiday, the tenders will be opened on the next working day.

5. All clarifications may be sought at least ten days prior to tender due date, from the undersigned with due written request.

6. BHEL reserves the right to go for a reverse auction (RA) instead of opening the submitted sealed price bid, which will be decided after technical and commercial evaluation. Information and general terms and conditions covering RA are given in commercial terms and conditions (Annexure-A/Point No.17)

7. BHEL will consider MSE vendor as per Government guidelines.

8. Vendors are requested to avoid the following points while submitting the Bid Documents:

- Loose or spiral bound bid documents are not encouraged.
- In case of any corrections/overwriting in the tender documents, the same shall be duly attested by the bid submitter.

9. Corrigendum if any, with respect to this tender will be hosted only in the website <http://www.bhel.com> or <http://tenders.gov.in>. You are requested to visit the website regularly for updates.

10. List of Attachments:

- Qualifying Criteria: PART-A
- Technical Specification: PART-B
- Commercial Terms & Conditions: Annexure-A
- Price Bid Format: Annexure-B
- CA certificate for MSE vendors: Annexure-C.

All the tenders may be addressed to the following address:

**The Tender Opening Cell / MM  
Room No: 26, Building 24, Ground Floor  
Bharat Heavy Electricals Limited  
TIRUCHIRAPALLI 620014**

In case personal delivery of the offer, it shall be dropped into the respective box kept in Room No: 26, after duly entering the data in the system.

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,  
For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE  
(FOSSIL BOILERS)

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Senior Manager

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Offers will be accepted only up to 14.00 Hrs on the due date. Therefore, vendors shall ensure to submit the offers well before this time. All due date extension requirements should be addressed to the respective Purchase mail IDs. All the due date extension requests from vendors will be considered only up to 48 hours before the due date and time.

Vendors are requested to avoid submission of offers through e mail / fax. In case of any unavoidable situation, offers shall be sent through e mail to the following mail ID only tender\_cell@bheltry.co.in.

As tenders are being opened by Common Tender Opening Cell, offer covers should be sealed with tenderer's distinctive seal and super scribed with correct Tender No. item of supply and due date of opening.

The offers will be opened at 14.30 hrs on the due date of the tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

The bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.

The supplier shall submit EI/EII forms to BHEL time to time as indicated by the BHEL and in case of inordinate delay in issuing EI/EII forms, then BHEL reserves the right to deduct 5% of the value of the supplied items against which EI/EII forms pending to be issued

Enclosures:

"LD clause has to be confirmed without fail."

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

MANAGER / PURCHASE  
(FOSSIL BOILERS)

Yours faithfully,

**R.I. PETER IRUDAYARAJ**  
Senior Manager

Materials Management /  
BHEL, TIRUCHY - 620 014.

Part-A: Pre-Qualification Criteria for 1250 kVA enclosed dry type cast resin outdoor floor mounting type transformer with onload tap changer		
Sl No	BHEL's Requirement	Vendor's Response
1	Make of the transformer: BHEL/ Siemens/ Areva/ AmesImpex/ Voltamp/ RaychemRPG/ Crompton Greaves/ ABB/ Megawin or any other reputed make acceptable to BHEL.	
2	Only those vendors who have supplied similar or higher capacity transformer and whose supplied transformers have been working satisfactorily for at least one year after commissioning should quote. Performance certificate from their reputed customer should be attached along with the offer.	
3	The vendor should have successfully conducted type test as per IS on a transformer of same or higher capacity and voltage class in an approved test lab like CPRI/ DRDA and copy of the test certificate should be submitted along with the offer.	
4	Vendor should possess facilities at the manufacturing works to conduct routine test as per IS on the transformer.	

*R.Am*  
28/7/16

**R.AMBALAVANAN**  
Sr. Manager M&S  
PPPU - BHEL  
THIRUMAYAM.

**Part-B: Specification for 1250 kVA enclosed dry type cast resin outdoor floor mounting type transformer with onload tap changer**

Sl No	Description for BHEL's Requirement	Specification	Vendor's offer	Deviations, if any
<b>A</b>	<b>Transformer, OLTC and RTCC specification</b>			
A.1	Type of transformer	Cast resin, dry type		
A.2	kVA rating	1250 kVA		
A.3	No load voltage ratio	Primary: 11000 V Secondary: 415 V		
A.4	Phase	3 phase		
A.5	Frequency	50 Hz, ±3%		
A.6	Winding type	Copper double wound		
A.7	Cooling	Natural air cooling		
A.8	Winding connection	Primary: Delta Secondary: Star		
A.9	Vector group	Dyn11		
A.10	Temperature rise max.	90 deg. above ambient of 50 deg C		
A.11	Insulation	Class F or better		
A.12	Terminal arrangement	Primary: Cable box Secondary: Flange type, suitable for bus duct termination		
A.13	Tapping	On load tapplings at HV side		
A.14	Tapping range	+5% to -15% in steps of 1.25%		
A.15	RTCC panel	Indoor type		
A.16	Configuration	Outdoor floor mounting type		
A.17	Type of enclosure and protection class	Vendor to specify		
A.18	Overall dimension in mm	Vendor to specify		
A.19	Weight of core and winding	Vendor to specify		
A.20	Weight of transformer	Vendor to specify		
A.21	Weight of tap changer unit	Vendor to specify		
A.22	Total weight	Vendor to specify		
A.23	% impedance	Vendor to specify		
A.24	No load losses in Watt	Vendor to specify		
A.25	Full load losses in Watt	Vendor to specify		
A.26	Make and model of tap changer unit	Vendor to specify		
<b>B</b>	<b>Accessories to be provided in the transformer</b>			
B.1	Rating and diagram plate	Vendor to confirm		
B.2	Earthing terminals - 2 nos.	Vendor to confirm		
B.3	Lifting lugs	Vendor to confirm		
B.4	Separate neutral bushing	Vendor to confirm		
B.5	Bi- directional plain roller	Vendor to confirm		
B.6	Primary HT bushing	Vendor to confirm		

**Part-B: Specification for 1250 kVA enclosed dry type cast resin outdoor floor mounting type transformer with onload tap changer**

SI No	Description for BHEL's Requirement	Specification	Vendor's offer	Deviations, if any
B.7	Secondary LT bushing	Vendor to confirm		
B.8	On load tap changing gear	Vendor to confirm		
B.9	Winding temperature indicator	Vendor to confirm		
B.10	Transformer protection relay (winding temperature scanner)	Vendor to specify the make, model and range of the temperature scanner and tripping relay.		
B.11	Transformer should be conforming to IS: 2026-1977/2006 and IS: 11171/1985/2006 or equivalent standards	Vendor to specify		
<b>C</b>	<b>Drawing Approval</b>			
C.1	On getting the order, the L1 vendor should get drawing approval and QAP approval before starting the manufacture.			
<b>D</b>	<b>Pre-Dispatch Inspection</b>			
D.1	Filled in QAP should be submitted by supplier. After that, pre dispatch inspection should be carried out by BHEL's representative at vendor's works. All the test reports should be produced during the inspection.			
<b>E</b>	<b>Documents</b>			
E.1	3 hard copies and 1 soft copy of operation and maintenance manual of the transformer, OLTC panel and RTCC panels should be sent along with the transformer.			
E.2	A copy of all the relevant test reports of the routine tests conducted as per IS: 2026 and original test certificates should be supplied along with the transformer.			
E.3	Construction features of the transformer including the core, windings, insulation, standard/ optional accessories should be included in the O&M manual.			
E.4	Complete bill of material of recommended spares should be provided. Recommended checklist for regular maintenance should be provided to ensure enhanced life of the transformer.			
<b>F</b>	<b>Delivery Schedule</b>			
F.1	Around 3 months from the date of placement of purchase order.			
<b>G</b>	<b>Erection and Commissioning</b>			
G.1	The erection and commissioning shall be done by BHEL under the supervision of supplier's representative(s).			
<b>H</b>	<b>Warranty</b>			
H.1	Minimum 12 months from the date of commissioning of the transformer at BHEL, Thirumayam.			

*R.Am*  
28/2/16

**R.AMBALAVANAN**  
Sr. Manager M&S  
PPPU - BHEL  
THIRUMAYAM.

**BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI**  
**CAPITAL PURCHASE**

**Annexure-A**

**ACCEPTANCE OF COMMERCIAL TERMS AND CONDITIONS BY THE VENDORS.**

(This should be essentially filled in and sent along with the techno-commercial offer without fail. If this check list is not filled and submitted along with techno-commercial offer (Part I) or if the vendor does not confirm acceptance to the terms and conditions proposed, BHEL reserves the right to reject such offer)

**CHECK-LIST FOR VENDORS**

Sl. No.	DESCRIPTION
1.	<p>The Bidders shall submit their offer in <b>TWO INNER ENVELOPES</b> as indicated below which shall be sealed in one outer envelope.</p> <ul style="list-style-type: none"> <li>❖ <b>Envelope I:</b> This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked "<b>Part I - Technical and Commercial bid</b>", indicating Enquiry No., Due Date and Address &amp; Reference of the Bidder.</li> <li>❖ <b>Envelope II:</b> This sealed envelope should contain <b>Price details</b>. This envelope should be clearly marked "<b>Part II - Price bid</b>", indicating Enquiry No., Due Date and Address &amp; Reference of the Bidder. This part should contain the schedule of price particulars and must be co-related to the technical details provided in Part I.</li> </ul> <p>All the two envelopes (Part I&amp;II) shall be put in one cover, duly sealed, super scribing as "<b>Part I and Part II of Enquiry No., Due date of opening</b>" and the address and reference of the Bidder. The offer received without the above guidelines, will not be considered for opening.</p> <p>Offers will be accepted &amp; received till 14.00 Hr. on the due date. Therefore Vendors shall ensure to submit the offers before this time. Late offers will not be considered.</p> <p>The Tenders should be addressed to the following address to  <b>The Tender Opening Cell/MM</b>  <b>Room No - 26, Building - 24, Ground Floor</b>  <b>Bharat Heavy Electrical Limited</b>  <b>Tiruchirapalli - 620014.</b></p> <p>In case personal delivery of the offer, it shall be dropped into the respective box after duly entering the data in the system kept in Room No 26.</p> <p>Vendors are requested to avoid submission of offers thro email / fax. In case of any unavoidable situation, offers shall be sent thro email to the following mail ID only "<b>tender_cell@bheltry.co.in</b> "</p> <p>As such Tenders are being opened by Common Tender opening Cell , offer covers should be sealed with tender's distinctive seal and super scribed with correct Tender NO, item of supply and due date of Opening</p> <p>Tenders should be free from <b>CORRECTIONS AND ERASURES</b>. Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures. In case of any difference between amount quoted in words and figures, amount quoted in words shall prevail.</p> <p>Offers should be in <b>ENGLISH</b> and accompanied by detailed technical literature, catalogue and detailed dimensional drawings in <b>ENGLISH</b> or otherwise, the offers will not be considered.</p>
2.	<p><b><u>OPENING OF TENDERS</u></b></p> <p>The Part I- Technical &amp; commercial bid would be opened on the Tender opening date.  The Part II - Price bid of Technically suitable Bidders alone would be opened. The Technically suitable Bidders would be informed about the tender opening date.  Clarifications if any required by BHEL for Technical evaluation would be sought from bidders before opening of Part II - price bid.</p>
3.	<p><b><u>Taxes and Duties</u></b></p> <p>All Taxes and Duties payable as extra to the quoted price should be specifically stated in offers along with CST &amp; TIN No / Tariff No. etc., failing which the purchaser will not be liable for payment of such Taxes and Duties. Our TIN No. 33243560005, TNGST No. 3560005, CST. No. 239383 Dt. 11-06-1991 &amp; BHEL ECC No. AAACB4146PXM012, Service Tax Registration No (STC)- AAACB4146PST006. Assessment circle Tiruverambur.</p>
4.	<p><b><u>Special Provisions for Micro and Small Enterprises (MSE)</u></b></p> <ol style="list-style-type: none"> <li>1. 20% of the tendered quantity is earmarked for MSE suppliers in this tender.</li> <li>2. Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC/ST entrepreneurs.</li> <li>3. In case MSE vendor participating in the tender quotes within the price band of L1+15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately.</li> <li>4. MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM II (Entrepreneur Memorandum Part II) certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed as per <b>Annexure - C</b>) applicable for the relevant financial year (latest audited), certifying quantum of investment in plant and machinery within the permissible limit as per the act for relevant status (Micro or small) where the deemed validity of EM II is over. Date to be reckoned for determining the deemed validity will be the last date of technical bid submission. Offer/s received without these documents will lead to consideration of their offer at par with other bidders and MSE status of such suppliers shall be shifted to Non MSE supplier.</li> </ol>

No row shall be left blank. Please indicate NA, in case the item is "Not Applicable"	Vendor's confirmation
5. <b>Validity:</b> Validity of the offer should be 120 days from the date of tender opening.	
6. <b>Release of PO &amp; Payment Terms:</b> <ul style="list-style-type: none"> <li>➤ Purchase Orders will be released on L1 vendor for the items.</li> <li>➤ 100% payment within 45-90 days after receipt &amp; acceptance of supplied material against submission of 10% PBG for total order value.</li> </ul>	
Any deviation in the above payment term will attract loading as mentioned below. "Base rate of SBI (as applicable on the date of bid opening. Techno commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.	
7. <b>Performance Bank Guarantee (PBG):</b> The bidder in the event of an order, should furnish a Bank Guarantee from an Indian Bank approved by BHEL, at no extra cost in a format prescribed by BHEL, along with the order, for an amount equivalent to <b>10% (Ten percent)</b> of the value of the contract. The PBG shall be valid for a period of 18 months from the date of despatch or <b>12 months</b> from the date of receipt / acceptance / commissioning of equipment at BHEL, Tiruchirapalli whichever is more, with a claim period of two months. The Performance Bank Guarantee shall be obtained from any one of the following banks which is a member bank in our consortium of Banks: <b>List of Consortium Banks</b> DEUTSCHE BANK, HDFC BANK, ANZ GRINDLAYS BANK, CITI BANK, STANDARD CHARTERED BANK, BANK OF AMERICA, ABN AMRO BANK, IDBI LTD, ICICI BANK LTD, THE HONGKONG & SHANGHAI BANKING CORPORATION LTD. <b>List of Nationalised Banks</b> ALLAHABAD BANK, ANDHRA BANK, BANK OF INDIA, BANK OF BARODA, BANK OF MAHARASTHRA, BHARAT OVERSEAS BANK, CANARA BANK, CENTRAL BANK OF INDIA, CORORATION BANK, DENA BANK, INDIAN BANK, INDIAN OVERSEAS BANK, ORIENTAL BANK OF COMMERCE, PUNJAB NATIONAL BANK, PUNJAB & SINDH BANK, STATE BANK OF INDIA, STATE BANK OF TRAVANCORE, STATE BANK OF MYSORE, STATE BANK OF BIKANER & JAIPUR, STATE BANK OF HYDERABAD, STATE BANK OF PATIALA, STATE BANK OF MAHARASTHRA, STATE BANK OF SOURASTHRA (SBI-13.09.08), SYNDICATE BANK, UCO BANK, UNION BANK OF INDIA, UNITED BANK INDIA, VIJAYA BANK. <u>If PBG is issued by foreign counter part of the BHEL consortium Indian Bank, in case of claim against the PBG, it will be lodge in any one of the Indian counters of the Foreign Bank which issued the PBG.</u>	
8. <b>Liquidated Damages (LD):</b> The delivery of the goods specified in the purchase order should be made within the time prescribed. LD for delay in 'Supply' and/or 'E&C' will be applicable to the delays attributed to vendor. LD will be considered separately for 'Delivery' and 'E&C'. Where the seller supplies or dispatches the goods, beyond the delivery period Liquidated damages shall be applicable 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value. Detail of LD mode are shown below <b>Single Delivery Date (Material Dispatched after Due date)</b> Once the delivery due date is crossed, bills have to be clubbed till final despatch and forwarded for processing of payment as a single bunch. LD percentage will be calculated from Delivery due date to final despatch date. (100% Order should be completed for processing the bill) <b>Staggered Delivery</b> LD shall be 0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the total order value. PO Pending value (each Bill Value) up to Max 10 % of Total PO value) <i>Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).For the purpose of imposing LD, the FOB delivery (B/L date) shall be considered. Bidder should indicate the LD mode (single delivery or staggered delivery) on the confirmation column, otherwise single delivery date will be considered for further evaluation</i>	
9. <b>Risk Purchase:</b> Alternatively the purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or despatch within the time stipulated as aforesaid or if the same were not available from the best and the nearest available substitute. The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases.	
10. <b>Delivery Terms and evaluation process:</b> Indian Bidders should submit their offer for FOR-PPPU, BHEL, Thirumayam basis. Packing & Forwarding and Freight & Insurance charges from works to BHEL, Thirumayam to be indicated separately if extra from basic rate. Applicable % of ED & Sales Tax, Commissioning Charges should be clearly indicated. <b>Evaluation of offers shall be on the basis of delivered cost (Net cash outflow to PPPU, BHEL- Thirumayam).</b>	
11. <b>Guarantee:</b> Vendors shall provide a guarantee for a period of 12 months from the date of commissioning of the equipment or 18 months from date of supply, whichever is earlier. The date of B/L or AWB shall be taken as the date of supply. <u>Offers from vendors not accepting the requested guarantee period will be rejected.</u>	

12.	<p><b>Short shipment / Warranty replacement:</b> In case of any short shipment in the main equipment / spares, customs duty levied on such supplies, shall be borne by the supplier. Any warranty replacement during the warrantee period shall be on FOR-PPPU, BHEL, Thirumayam basis.</p>	
13.	<p><b>Inspection &amp; Testing:</b> All goods shall be subject to inspection by BHEL or its authorized representatives at supplier's works or at BHEL stores or at any other place in India indicated by BHEL as the case may be. The supplier will not charge for the facilities provided for inspection of goods. In case of machine tools, the machine would be inspected and proved at supplier's works prior to dispatch however, final inspection and acceptance of the machine will be carried after installation of the machine at PPPU, BHEL, Thirumayam.</p>	
14.	<p><b>Test certificates / Operating and Maintenance manuals :</b> The Bidders shall clearly mention in their offer, that Test Certificates and Operating Maintenance Manuals, etc., as called for in the Technical Specification, in the required number of copies will be provided at no extra cost</p>	
15.	<p>Payment through Bank is not preferred. In case of Payment through Bank is opted by Supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of Goods to Site/Stores with Consignee copy attached. In this case Loading will be 3% on the offered value. <b>Offers of indigenous Suppliers with payment terms as LC/Advance Payment are liable for rejection.</b></p>	
16.	<p><b>BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.</b></p>	
17.	<p><b>Reverse Auction (RA):</b> BHEL reserve the right to conduct on-line internet Reverse Auction i.e. ONLINE BIDDING (THROUGH A SERVICE PROVIDER) for finalising the tender. This decision will be communicated to the techno-commercially qualified vendors after evaluation. Details / General terms / guidelines for conduct of RA are shown below: Vendors are requested to confirm their acceptance for BHEL proceeding with RA route for finalisation of the enquiry.</p> <ol style="list-style-type: none"> <li>1. Technically and Commercially acceptable Bidders shall only be eligible to participate in the Reverse Auction.</li> <li>2. BHEL shall engage the services of a Service Provider, who shall extend all necessary training and assistance before commencement of ON-LINE-BIDDING through Internet, at NO extra-cost to the Bidders.</li> <li>3. Eligible Bidders shall be informed in writing, about the details of Service Provider, to enable Vendors to contact the Service Provider and get trained.</li> <li>4. Event Date, Time, Start Price, Bid Decrement, Time-Extensions, etc. shall also be communicated through the Service Provider for compliance by Bidders.</li> <li>5. Vendors have to FAX the Compliance Form (Annexure-IV), before start of RA. Without furnishing the above Compliance Form, Bidders shall not be eligible to participate in the RA.</li> <li>6. BHEL shall provide the calculation sheet through the Service Provider, which shall be helpful to arrive at "TOTAL COST to BHEL", like Packing and Forwarding Charges, Taxes and Duties, Freight Charges, Insurance, Service Tax and other loading factors (for non-compliance to BHEL Standard Commercial Terms and Conditions), for each of the Bidder, to enable them to fill in the price and keep it ready for inputting data during the RA.</li> <li>7. RA shall be conducted on a pre-determined Date and Time.</li> <li>8. At the end of RA, the lowest Bid Value will be known on the Network.</li> <li>9. Lowest Bidder has to FAX the Prescribed Format, duly filled in and signed in, as provided, on a case-to-case basis, to the Service Provider, within 24 Hours of RA without fail.</li> <li>10. Any variation between the ON-LINE Bid Value and the signed document will be considered as unethical the Tender process and will invite disqualification of Bidder, for further business dealings with BHEL as per the prevailing procedure.</li> <li>11. In case BHEL decides not to go for Reverse Auction procedure for this tender, the Price Bids &amp; Price Impacts, if any, already submitted &amp; available with BHEL shall be opened as per BHEL's standard practice.</li> <li>12. BHEL reserves the right to negotiate if need be, with the L-1 vendor of the RA.</li> <li>13. <b>BHEL reserves the right not to consider offers from vendors not complying with the RA process for finalisation of the enquiry.</b></li> <li>14. If the Bidder or any of his representatives are found to be involved in Price manipulation / cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines shall be initiated by BHEL and results of the RA scrapped / aborted.</li> </ol> <p>In case BHEL decided to go for Reverse auction, the H-1 bidder(s) (whose quote is highest in the online sealed bid) may not be allowed to participate in further Reverse Auction.</p>	
18.	<p><b>ARBITRATION:</b> All disputes or differences whatsoever which may arise at any time during execution of the Contract shall be mutually settled by BHEL and Contractor as per provision of the Contract. However, in the event such disputes cannot be settled mutually, such disputes shall be settled as per the Arbitration and reconciliation Act, 1996 of the Govt. of India and it's subsequent amendments. In case of disputes with the Central PSUs, the same shall be settled at Tiruchirapalli as per the Guidelines of the Govt. of India. However, during the period such disputes are settled either by mutual discussions between the parties or by legal means, Contractor shall continue to do the work as per terms &amp; conditions of Contract.</p>	

19.	<ul style="list-style-type: none"> <li>➤ Point to point confirmation for the Technical Specification enclosed to be provided. If there are any deviations, the same should be clearly specified. Offers received without confirmation to our specifications will be liable for rejection. If needed additional sheets shall be used.</li> <li>➤ Equipment offered shall be "New". Re-built / Re-conditioned / Used equipment's will not be accepted. Incomplete offers will not be considered for further processing Fixed price:</li> <li>➤ BHEL reserves its right to reject a tender due to unsatisfactory past performance in the execution of a contract at any of BHEL projects / units.</li> <li>➤ BHEL shall be at liberty to reject or accept any tender, part or in full, at their own discretion and any such action is not liable for any question or claim against BHEL.</li> <li>➤ The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost</li> <li>➤ The Supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.</li> </ul>		
20.	<b>Company Details &amp; Contact</b>		
	Full Address of the company for future correspondence / placing order. (Copy of address proof & PAN card shall be attached along with Part-I)		
	Company Email ID:	Phone No.:	
	Fax No	Pan No with copy	
	CST /TIN No		
	Name of the contact person:	Mobile No.:	
	e-mail ID		
21.	<b>TO BE CONFIRMED BY VENDOR</b>		
	Country of origin:		
	Station of dispatch / Port Of Shipment		
	Delivery Terms (FOR Destination / Ex-works)		
	Packing & Forwarding Charges in % or Lump sum, if extra from basic rate		
	% of Excise Duty with cess		
	% of TAX (CST / VAT) (TNGST with FORM-17 or CST with C-FORM)		
	Freight & Transit insurance charges (if any, in Lumpsum (or) percentage) from Dispatching station to PPPU, BHEL, Thirumayam.		
22.	Delivery period from the date of Letter of Intent / Purchase Order. <b>(This should be inclusive of Order acceptance, drawing approval and time period required for receiving goods at PPPU, BHEL, Thirumayam etc.)</b>		
23.	<b>Weight &amp; Cubage of package:</b> Approximate Net weight of the total consignment: Approximate Gross weight of the total consignment: Approximate volume of the total consignment:		
For any queries / clarifications the bidders may contact us through our FAX NO. +91 431 2520719 or through e-mail <peterri@bheltry.co.in>			

**NOTE:-**

- a) Your specific acceptances to our Payment terms, LD, Risk Purchase Clause are essential for consideration of your offer. Otherwise your offer is liable for rejection.
- b) No row shall be left blank. Please indicate NA, in case the item is "Not Applicable"

**Declaration:-**

We have gone through and understood the 'General guidelines & instructions to bidders for submitting offer' enclosed as a part of the Tender and confirm that our offer has been made in line with the same.

(AFFIX OFFICIAL SEAL HERE)

Signature with date:

Name:

Designation:

Department:

(Please Affix Your Signature with Seal on Each Page)

**Annexure-B**

**Bharat Heavy Electricals Limited TIRUCHIRAPPALLI/CAPITAL PURCHASE**

**MODEL PRICE BID FORMAT FOR INDIAN BIDDERS**

Enquiry No. & Date:

Bidder's Offer No. & Date:

Sl. No.	Description of item	Unit	QTY	Basic Rate in Rs.	ED in %	VAT / CST (without declaration / 'C' form)	Value in Rs. Including all taxes & duties
10	1250 KVA, 11KV/415V Transformer	No.	1.00				
	Packing & Forwarding charges (if any) in percentage (or) Lump sum						
	FOR Dispatching station value in Rs.						
	Percentage of Freight & transit insurance charges, if any (Lump sum or %) Freight & Insurance charges from Dispatching station to PPPU, BHEL, Thirumayam						
	Approximate Net weight of the total consignment						
	Approximate Gross weight of the total consignment						
	Approximate Dimensions of the Consignment						

Signature & Seal of Vendor

**The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, in case the item is "Not Applicable".**

**Certificate by Chartered Accountant**

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) .....  
dtd:.....,  
Category :.....( Micro / Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company  
as on date ..... 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.5.0.1722(E) dated  
October 5, 2006:

Rs.....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:

Rs.....Lacs

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

Date:

(Signature)

Name -

Membership Number -

Seal of Chartered Accountant