



BHARAT HEAVY ELECTRICALS LIMITED

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

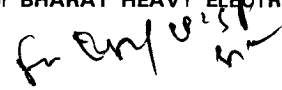
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PHONE :2577331
GRAMS : BHARATELEC
FAX NO: 2520719
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Web:

	Enquiry No 2661500381 - 75	Enquiry Date 21.09.2015	Due Date for Quotation 15.10.2015
<p>Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order. <i>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.</i></p>			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	<p>100 KVA Energy saver Supply, Installation and Commissioning of 100 kVA Energy Saver PART-A: PRE-QUALIFYING CONDITIONS 1. The bidder shall have minimum three years of continuous experience in the field of lighting energy savers. The bidder should produce previous PO copies for proof of the same. 2. The bidder shall submit at least one performance certificate from one of its customers to whom such energy savers were supplied in the last three years. PART-B: TECHNICAL SPECIFICATION FOR THE ENERGY SAVERS 1. SCOPE OF SUPPLY: Design, manufacture, testing and supply of indoor floor mounting cubicle type energy saving transformer with sheet steel enclosure of thickness not less than 1.6 mm of 100 kVA capacity suitable for 3 phase, 415V, 50Hz power supply, for lighting load application conforming to the following broad technical specifications. 2. REFERENCE STANDARDS: IS 2147 - Degrees of protection of enclosure for low voltage switch gear. IS 694 - PVC insulated copper cable for working voltage up to 1100 V. IS 13947 - LT switch gear IS 13779 - Measuring Instruments (Digital) IS 8623 - Enclosure design for low voltage panel 3. WORKING CONDITIONS: 3.1 Input voltage: 415 V AC, $\pm 10\%$ at 50 Hz $\pm 3\%$. 3.2 Surrounding temperature: 20°C - 50°C 3.3 Relative humidity: up to 95%. 3.4 Atmosphere may be extremely dusty. 4. TECHNICAL REQUIREMENTS: 4.1 The energy saving device shall be centralized and robust design for a life cycle of at least 15 Years, in-door</p>	NO	6.000	6.00	10.12.15

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.

SURAJ KUMAR
Engineer
Purchase / MM / RM / CP & SP
BHEL, TRICHY - 620 014.

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

MANAGER / PURCHASE
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installation, bottom or top entry, base frame mounting and air-cooled type.

4.2 The energy saving device shall be suitable for 3 Phase, 4 wire 415 V AC system.

4.3 The device shall feature pure sine wave, free from distortion, which ensures no lamp flickering and other related problems.

4.4 The output voltage shall be maintained in the range of 374 V \pm 2.5% using appropriate saving selector on-load duty provided and fixed as per the requirement.

4.5 The device shall be provided with incoming MCCB/MCB for short circuit and over load protections.

4.6 The device shall be provided with multi data meter with RS 485 port for transferring the data to the energy management application, 3 phase LED indicators and real time monitoring facility of 3Ph V, I, F, VA,

kVA, kW, kWh, kVA_r, (Min, Max, Avg values).
4.7 The load connected to the output of energy saver shall be allowed to vary from 0 to 100%.

4.8 The layout of components and wiring shall be easily accessible for inspection, fault rectification and components replacement.

4.9 The input and output terminations shall be accessible only when door of the panel is opened. All power and control terminals shall be neatly, clearly and permanently marked for easy identifications.

4.10 The enclosure shall be CRCA with thickness not less than 1.6 mm, compartmentalized design, provided with safe ventilation, lifting hooks and fixing frame-base channel.

4.11 The enclosure shall conform to IP 21 protection class and have two separate earthing terminals.

4.12 The enclosure shall be powder coated with Siemens grey RAL7032 shade.

4.13 The energy saving device shall generate 20 - 25% energy saving in High Pressure Metal Halide (HPMH) and Fluorescent Tube Light (FTL) with copper choke and 10-15% energy saving in CFL, MHL and FTL with electronic choke.

5. CONSTRUCTION AND OPERATION REQUIREMENT:


5.1 ENERGY SAVER UNIT:

a. The energy saving in lighting application is achieved by voltage

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optimization method.

b. The high efficient energy saving transformer shall be dry type, vacuum pressure impregnated type, its loss should be less than 0.75%.

The energy saving device should not be auto variac with motor arrangement as it leads to self power consumption and frequent maintenance.

c. The energy saving transformer shall be class F/H insulation, provided with required voltage tappings.

d. The energy saving transformer should be dust-proof and vermin-proof and should be provided with louvres for natural circulation of air for ventilation purposes.

e. The energy saver should not reduce the existing power factor and it should not produce any harmonics in the system.

f. The tapping voltage shall be -10%, -7.5% and -5% with respect to 240V input supply.

g. The energy saving device shall be designed to withstand 125% of the rated current for an hour.

5.2 BILL OF MATERIALS:

The energy saving device shall be in-built with brand new and reputed make of components and it should perform effectively without any problem. The supplier has to ensure the quality of components and responsibility of replacing the faulty components at the free of cost during guarantee period.

6. DATA SHEET

Transformer shall be dry type: Vendor to confirm

Type of winding: Vendor to specify

Input phase voltage shall be 240V, 50Hz:

Vendor to confirm

Output tapping of the transformer(%tapping to be mentioned): Vendor to specify

Tap selection of the transformer (Auto/Manual): Vendor to specify

There should be provision for tap setting to be changed on-load: Vendor to confirm

Class of insulation: Vendor to specify

Type of cooling: Vendor to specify

Insulation breakdown voltage shall be 2 kV for 1 minute: Vendor to confirm

Max withstanding voltage: Vendor to specify

Insulation resistance shall not be less than 12

Mohm: Vendor to confirm

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% impedance: Vendor to specify
Design temperature: Vendor to specify
The device should be able to withstand temperature rise from 20°C to 55°C: Vendor to confirm
No-load loss: Vendor to specify
Full load loss: Vendor to specify
Efficiency of the energy saving transformer should not be less than 99.25%: Vendor to confirm
Saving/Tap selector switch to be provided with the transformer: Vendor to confirm
Type of overload protection provided: Vendor to specify
Separate phase indicators to be provided by means of LED indication lamps: Vendor to confirm
Multi-function meters to be provided on the energy saver with communication ports for real time monitoring and parameter recording: Vendor to confirm
The multi-function meters shall be of reputed make acceptable to BHEL: Vendor to specify
All components used in the energy saving device such as MCBs, MCCBs, current transformer, display units, relays, contactors and other control and field elements should be of reputed make acceptable to BHEL: Vendor to confirm
Input and output termination should be done through suitable terminal blocks/bus bars: Vendor to confirm
7. TESTING: The following routine test has to be carried out at manufacturing/vendor facility before dispatch.
a. Visual inspection for dimension and BOM.
b. No-load current and loss test.
c. Impedance voltage test.
d. Winding resistance measurement test.
e. Induced over voltage test.
f. HV test (2 kV for 1 Minute).
g. Insulation resistance test.
h. Voltage ratio test.
i. Noise level test.
j. Functional test.
8. DOCUMENTATIONS
1. Vendor shall supply 3 sets of following documents in hard copy:
a. Complete electrical drawing and schematics.
b. Operation & maintenance manual.
c. Catalogues of bought out items (energy meter, digital display units, transformer etc.).
d. Installation support guide (if any) for commissioning of the energy saver.

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2. Vendor shall supply one set of all the above documents in CD (1 no)

9. GENERAL

1. Vendor is advised to visit BHEL, Thirumayam for assessment and discussion with the shop maintenance engineers before quoting the offer.

2. The vendor shall install the energy savers at site and provide commissioning assistance, if required.

3. Pre despatch inspection of panel before 15 days should be informed and GA drawings with Bill of Materials are required for approval before manufacturing the panel.

4. The offer has to be submitted in TWO PARTS namely Techno commercial Bid and Price Bid

General Note:

1. POINT-BY-POINT CONFIRMATION TO BHEL'S SPECIFICATIONS, COMMERCIAL TERMS & CONDITIONS ARE TO BE PROVIDED BY THE VENDORS IN "ANNEXURE A & B.

2. FILL UP ANNEXURE A. PLEASE ENSURE THAT ALL TERMS & CONDITIONS SHOULD BE INDICATED IN THE UN-PRICED BID TO BE ATTACHED WITH THE TECHNO-COMMERCIAL BID POSITIVELY.

3. VALIDITY OF THE OFFER SHOULD NOT BE LESS THAN 90 DAYS.

4. THE ORDER WILL BE PLACED ON INDIVIDUAL ITEMWISE L1 BASIS

5. THE BIDDER SHALL MEET PRE-QUALIFICATION CRITERIA

6. WHEREVER FOR SPLITTING OF ORDER AS PER ANNEXURE II CLAUSE 27, IF SPLITTED QUANTITY COMES OUT <1, THE SPLITTING OF ORDER WILL NOT BE FEASIBLE. (For MSE vendors)

7. 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 Evaluation.

All bidders to give their acceptance for participation in RA.

Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA. Information And General Terms And Conditions Covering RA Are Given In Annexure-I (Also refer Annexure-II)

LIST OF ATTACHMENTS:.

1. ANNEXURE-I(a) Pre qualification criteria

2. ANNEXURE-I(b)- GENERAL TERMS & CONDITIONS OF RA

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.

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3. ANNEXURE-II TERMS AND CONDITIONS OF THE ENQUIRY. (TWO PART-BID)
4. ANNEXURE-V-CA certificate format(as per MSMED act 2006) to be furnished , if applicable -Refer ANNEXURE II CLAUSE 27 (For MSE vendors)
5. ANNEXURE-A CHECK LIST FOR TECHNICAL & COMMERCIAL TERMS CONFIRMATION-TO BE FILLED BY THE SUPPLIER.
6. ANNEXURE-B MODEL PRICE BID FORMAT.
7. ANNEXURE-VI CHECK LIST TO BE SUBMITTED ALONG WITH OFFER
8. ANNEXURE-C -CHECKLIST FOR RA CONDUCTANCE

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.

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

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suspected fraud as soon as it comes to their notice.


Enclosures:

"LD clause has to be confirmed without fail."

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ANNEXURE - 1(a)

PRE- QUALIFICATION CRITERIA FOR Requirement of Supply, Installation and Commissioning of 100 kVA Energy Saver

S.NO.	BHEL requirements	Vendor to confirm
1	<p>1. The bidder shall have minimum three years of continuous experience in the field of lighting energy savers. The bidder should produce previous PO copies for proof of the same.</p>	
2	<p>2. The bidder shall submit at least one performance certificate from one of its customers to whom such energy savers were supplied in the last three years.</p>	

Terms & Conditions of Reverse Auction

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit „online sealed bid" in the Reverse Auction. Non-submission of "online sealed bid" by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. Bidders have to fax the Compliance form before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
7. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.

10. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, as provided on case-to-case basis to Service provider within two working days of Auction without fail.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL's standard practice.
12. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the „Business Rules of Reverse Auction", which will be communicated before the Reverse Auction.
13. 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 the results of the RA scrapped/ aborted.
14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
15. In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.

ANNEXURE -C

CHECK LIST FOR RA CONDUCTANCE

General terms and conditions, Commercial terms and conditions acceptance for participation in Reverse auction (RA) on individual item wise L1 basis Yes/No to be indicated	Vendor's confirmation- Yes/No
Name of the person for participating in reverse auction.	
Land Line Number	
Fax Number	
Mobile Number	
E-mail ID	

TERMS AND CONDITIONS OF THE ENQUIRY (TWO PART BID)

1. The tender will be operated on two part bid basis i.e. (I).Techno-Commercial Bid & (II).Price Bid.
2. Techno-Commercial Bid: Containing Technical details, specifications, commercial terms and conditions like percentage of Freight & Insurance, ED WITH CESS, Taxes ,delivery terms, delivery schedule, validity of offer, payment terms (except price details), acceptance for LD clause, RP clause etc. as per ANNEXURE-A shall be put in a cover (1) and super scribed as "Techno-Commercial Bid" for Enquiry No:Dt:Due Dt.:
3. Price Bid: Containing the price details shall be put in a separate cover (2) and superscribed as "Price Bid" for Enquiry No:Dt:Due Dt.: as per ANNEXURE –B (submitted in your company letter head)
4. You are requested to put the above two envelopes (Techno-Commercial Bid & Price Bid) inside a separate larger sealed envelope and this envelope shall be super scribed as "Techno-Commercial Bid and Price Bid" for Enquiry No:Dt:Due Dt.:

Your Quotations should be sent to:

The Tender Opening Cell/MM
Room No-26 , Building - 24 , Ground Floor
Bharat Heavy Electrical Limited
Tiruchirapalli- 620014 .

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 .

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 " tender_cell@bheltry.co.in "

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 .

5. Tender should not be addressed to any individual's name but only by designation.
6. Tenders 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 only be considered.
7. Please submit point wise compliance to our specifications, terms and conditions. Otherwise it will be presumed that you are accepting BHEL's terms and conditions. Fill Up Annexure A. Please Ensure That All Terms & Conditions Should Be Indicated in The Un-Priced Bid To Be Attached With The Techno-Commercial Bid Positively(ANNEXURE-A)

8. Offer/s received after due date and time: **02:00 pm** will not be considered under any circumstances.

9. **Validity** of quoted rates should be maintained minimum for **90 days** from the date of Tender opening for ordering (Technical Bid). The quoted/Finalized rates shall be Firm till completion of the supplies.

10. The rates are to be quoted on **F.O.R. BHEL THIRUMAYAM/PUDUKKOTTAI Distt-622507** basis (Inclusive of Packing, Forwarding) .If any Freight & Transit Insurance charges which are payable to supplier is applicable, please indicate extra in %.. All the items should be supplied at our stores, BHEL **THIRUMAYAM/PUDUKKOTTAI Distt-622507** at your own cost. Offers with any other delivery conditions is not acceptable .

IMPORTANT NOTE: (I) Delivery condition like Ex-works / Ex-godown / Transportation of materials through transport carriers from your works up to the transport carrier's office at THIRUMAYAM and taking delivery of goods by BHEL from such office of transport carriers is not acceptable to us)

11. Payment Terms (Indigenous)

Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials.

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.

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.

Offers of indigenous Suppliers with payment terms as LC/Advance Payment are liable for rejection.

Payment term for supply portion(For import supplies)

BHEL Payment term is 100% payment on CAD basis after 45 days from the date of receipt of documents, specified in PO, at BHEL bank. Respective bank charges to respective account.

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.

In the case of Usance LCs the loading will be considered @ 1.5% on the offered Value.

For LC at sight the loading will be considered @ 3.5% on the offered Value.

Normally CAD at sight and Confirmed LCs are liable for rejection.

Payment terms for Indian agent:

Indian Agency Commission ,if any, shall be clearly specified in the offer and the same will be paid in Indian Rupees against acceptance of the materials

12. Liquidated Damages / Penalty:-

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.

Material Despatched after Due date: 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.

The rate of LD for delayed E&C shall be @ 0.5% per week of delay of total PO value (Supply + E&C) in E&C subject to a maximum of 10% of total PO value (Supply + E&C).

For staggered delivery schedule, 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.

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 (Bill of Lading)/ Airway Bill /Lorryway Bill shall be considered

13. If Guarantee / Warranty period is applicable as per tender specification, No deviation permitted and deviated

offers are liable for rejection.

14. IMPORTANT NOTE: BHEL WILL CONSIDER THE RANKING AFTER THE LOADING IS APPLIED AS REFERRED ABOVE WHEREVER DEVIATIONS ARE OBSERVED.

15. No revision of prices will be entertained at any circumstances after tenders are opened.

16. If any sales tax is payable as extra to the quoted price it should be specifically stated in quotations along with CST & VAT Number failing which the purchaser will not be liable for payment of sales tax. Our TIN 33243560005 dt.01.01.2007 & CST no 239383 DT, 11.06.1991

17. On the due date of tender opening, only the technical bids will be opened. Technical bids will be evaluated by us and clarifications required, if any, will be called for from the bidders on technical and commercial points. The price bids of techno-commercially suitable bidders will be opened at a later date with prior intimation to respective suitable bidders.

18. Ranking L-1, L-2 etc. shall be done generally on each individual items for the techno-commercially acceptable offers on landed cost to BHEL, **THIRUMAYAM/PUDUKKOTTAI Distt-622507** basis and BHEL reserves the right to place order for individual items with different vendors. At special circumstance ranking shall be done on compatible basis which will be indicated through Enquiry special instruction General Notes.

19. BHEL reserves the right to increase or decrease the tender quantity and split up the tender quantity among more than one vendor at the lowest acceptable price to BHEL and place order accordingly in any proportion at our own discretion.

20. Lowest price received against BHEL tenders need not be the technically acceptable one and in that case BHEL reserves the right not to consider the same. The purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any tender in part or full without assigning any reason whatsoever.

21. BHEL reserves the right to negotiate or refloat the tender opened, if L1 price is not the lowest acceptable price to BHEL due to inter-alia other reasons.

22. PACKING AND MARKING: The supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.

23. **RISK PURCHASE:** 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 previous supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitutes therefore. The supplier shall be liable for any loss, which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in our LD clause.

24. **PREFERENTIAL DELIVERY:**(Applicable in the case of BHEL's Enquiry specifies Preferential Delivery in the Special Instructions) It should be noted if a contract is placed on a higher tendered as a result of this invitation to tender in preference to the lowest acceptable offer in consideration of the earlier delivery, the seller will be liable to pay to the purchaser the difference between the contract rate and that of the lowest acceptable tender on the basis of final price F.O.R destination, including all elements of freights, Sales tax, duties and other incidents, incidental in case of failure to complete supplies in terms of such contract within the date of delivery specified in the tender and incorporated in the contract, such difference amount in addition to penalty at the rate mentioned in our LD clause.

25. **CENVAT CREDIT:** If any Excise Duty is payable, the Chapter Head / Sub -head reference and the rate of the duty should be quoted. If the Tenderer is availing CENVAT credit for this input material, the effect of Performa credit should be passed on to the purchaser. Tenderer under "CENVAT" shall be preferred.

26. Any other conditions which might have been quoted by the seller and are in contravention to the terms prescribed in the order and which have not been specifically accepted by purchaser in written will not be applicable to the contract.

27. The bidder may also be a Micro and Small Enterprises (MSE) vendor registered as per MSE act. As per the public procurement policy notified by the Central government,

20% of the tendered quantity is earmarked for MSE suppliers in this tender.

Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC / ST entrepreneurs.

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.

"MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM 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 at Annexure -V where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part I in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. Documents should be notarized or attested by a Gazetted officer. "

28. For verification of data submitted towards evaluation of bidder's capability, BHEL may decide to visit the bidder(s) works. Any fact found deviating from submitted data shall make the bidder liable to be disqualified.

29. In the event of more than one vendor becoming L1 for any of the item / items, the enquiry quantity for those item / items will be shared equally among all the L1 vendors.

30. The correspondence between the bidder and BHEL through email is considered as valid document Legally though not signed. It is treated as valid confirmations made on behalf of the respective company and comes under the legal ambit of the business transaction and hence binding on both the parties.

31. Equipment will be inspected and proved at vendor's works prior to dispatch, if applicable as per tender condition. However final inspection and acceptance of equipment will be after installation at BHEL, **THIRUMAYAM/PUDUKKOTTAI Distt-622507**.

32. Erection / commissioning charges , if applicable as per tender condition will be clearly mentioned in the offer or else confirmation that Erection / commissioning shall be done at free of cost is available in the offer.

33. Price shall be quoted item wise.

34. Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, **THIRUMAYAM/PUDUKKOTTAI Distt-622507** basis

35. 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.

36. Part Shipment or Transshipment is not permissible.(For import supplies)

37. In case of any short shipment in the main equipment / spares, where separate rates are not available in the contract, the customs duty levied on such supplies, shall be borne by the supplier / Indian agent.(For import supplies)

38. Indicate Nearest airport & sea port, Country of Origin .(For import supplies)

39. Vendors Meeting Our Pre-Qualification Criteria & Technical Specification Will Be Essential For Consideration Of Offer.

40. For The Vendor Willing To Participate In Tender Opening, The Representative Should Have Valid Company ID Proof & Authorization Letter From The Concerned Firm Who Has Submitted The Offer.

41. After Technical Scrutinisation Of The Offers, Price Bid Of Only Technically Qualified Vendors Will Be Opened With Prior Intimation.

42. If The Due Date Of Tender Opening Happens to be a Holiday, Those Tenders Will Be Opened On Next Working Days

43. For any clarification you can contact to pgavictor@bheltry.co.in, surajkumar@bheltry.co.in

44. This Tender Is Hosted Both In Bhel Website And In NIC, PSU Portal And Any Corrigendum May Pl Be Viewed in BHEL's website <http://www.bhel.com> (Tender Notification page)

Govt. Tender website <http://tenders.gov.in> (Public sector units > Bharat Heavy Electricals Limited Page)

45. If we receive offer from both Manufacturer and their Agent / Dealer or any other, the offer of Manufacturer only will be considered

46. AR BITRATION

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.

General Note For The Enq On Reverse Auction (RA) conductance :

1. BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA

In case BHEL decides to go for Reverse auction ,only those bidders who have given their acceptance to participate in RA will be allowed to participitate in RA . Those bidders who have given their acceptance to participate in RA will have to necessarily submit online sealed bid in the RA .Non submission of "online sealed bid" by the bidder will be considered as tampering of tender process & will invite action by BHEL as per extant guidelines in vogue.

Information And General Terms And Conditions Covering RA Are Given In **Annexure-I**

2. Reverse Auction Is Done Through On Line Internet Through A Service Provider Appointed By BHEL. Hence Vendors Shall Make Themselves Equipped With Email, Fax And Internet Facility Etc.

3. In Case Of Going For Reverse Auction Vendors Will Be Suitably Informed About The Working Procedures Of Reverse Auction Process And Bhel Will Provide All The Relevant Details To Enable The Vendor To Participate. Service Provider Will Also Give Demo- Training.

4. The RA Will Be Done On Individual Itemwise L1 Basis, Not On The Whole Package L1 Basis

Annexure-V

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) dtd•.....
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.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

(Strike off whichever is not applicable)

The above investment of RsLacs is within permissible limit of
Rs.Lacs forMicro / 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

ANNEXURE –A (CHECK LIST FOR TECHNICAL & COMMERCIAL TERMS CONFIRMATIONS)**(a).TECHNICAL TERMS CONFIRMATION: AGAINST ALL ENQ SL NOS. (SUBMITTED IN COVER NO: 1)**

ENQ NO	SL	BHEL SPECIFICATIONS	YOUR SPECIFICATION	unit	Quantity	Consignment weight against each item separately	whether quoted/ not quoted
10							
20							
30							

(b).COMMERCIAL TERMS CONFIRMATION REQUIRED FROM SUPPLIERS (SUBMITTED IN COVER NO: 1)

SL NO	DESCRIPTION	BHEL REQUIREMENTS	SUPPLIER CONFIRMATION
1	VALIDITY	MINIMUM 90 Days from Date of tender opening	
2	PRICE QUOTED	FOR BHEL THIRUMAYAM INCLUSIVE OF PACKING & FORWARDING CHARGES.	
3	EXCISE DUTY WITH CESS (Whether inclusive (or) extra) Clearly mention the percentage	SUPPLIER TO QUOTE	
4	VAT % Clearly mention the percentage	SUPPLIER TO QUOTE	
5	CST % with& without c form Clearly mention the percentage	SUPPLIER TO QUOTE	
6	FREIGHT & INSURANCE CHARGES FOR DELIVERY AT BHEL / THIRUMAYAM STORES/PUDUKKOTTAI Distt-622507	SUPPLIER TO QUOTE IN % ONLY	
7	DEIVERY SCHEDULE FROM THE DATE OF PURCHASE ORDER / LETTER OF INTENT	SUPPLIER TO QUOTE IN NO. OF DAYS/ WEEKS	
8	PAYMENT TERMS	As per Clause 11 of Terms and Conditions of the Enquiry (Two Part Bid)	
9	LIQUIDATED DAMAGES CLAUSE	As per Clause 12 of Terms and Conditions of the Enquiry (Two Part Bid)	
10	RISK PURCHASE CLAUSE	As per Clause 23 of Terms and Conditions of the Enquiry (Two Part Bid)	
11	GUARANTEE / WARRANTY	AS PER TENDER CONDITION	
12	ERECTION / COMMISSIONING	AS PER TENDER CONDITION	
13.	Origin of dispatch	SUPPLIER TO QUOTE	
14.	Nearest airport & sea port (For import supplies)	SUPPLIER TO QUOTE	
15.	Country of Origin (For import supplies)	SUPPLIER TO QUOTE	
16	CONTACT PERSON DETAILS	NAME:	
		MOBILE NO:	
		LAND LINE NO:	
		EMAIL :	
		FAX:	

NOTE: a). -It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.

b)Your specific acceptance to our Payment terms,LD & Risk Purchase Clause are essential for consideration of your offer.

c).No row shall be left blank. Please indicate NA, in case the item is “not applicable”

Full postal Address:

Signature & Office Seal of the vendor

ANNEXURE –B (MODEL PRICE BID FORMAT)

EN Q SL NO	BHEL SPECIFICATIONS	YOUR SPECIFICATION	unit	quantity	Rate in Rs.	Value in Rs.
10						
20						
30						

PRICE BID FORMAT OF ALL QUOTED ITEMS, IF ANY ITEM YOUR ARE NOT QUOTED SIMPLY YOU SHOULD MENTION AS “NOT QUOTED” AGAINST THAT ENQ SL NO. (SUBMITTED IN SEPARATE COVER NO: 2)

Annexure-VI

CHECK LIST TO BE SUBMITTED ALONG WITH OFFER

SL NO	Documents submitted	Vendor's Confirmation Yes/No
01.	Offer Submitted in 2 part bid system i.e. (I).Techno-Commercial Bid & (II).Price Bid inside a separate larger sealed envelope and this envelope shall be super scribed as "Techno-Commercial Bid and Price Bid" for Enquiry No:Dt.:Due Dt.:	
02.	Annexure-A part-(a).TECHNICAL TERMS CONFIRMATION & part (b).COMMERCIAL TERMS CONFIRMATION to be SUBMITTED ALONGWITH IN COVER NO: 1	
03.	Annexure-B- Price Bid to be SUBMITTED IN SEPARATE COVER NO: 2	
04.	Pre-Qualification Criteria fulfilled& documents Submitted	
05.	Documents/technical catalogues /DRAWINGS, (wherever as applicable) submitted as per tender condition	
06.	point to point confirmation provided as per tender condition	
07	In case of RA conductance ,Details submitted as per RA checklist	