



Bharat Heavy Electricals Limited
(A Government of India Undertaking)
BOILER AUXILIARIES PLANT
RANIPET - 632 406, INDIA

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MAINTENANCE & SERVICES DEPARTMENT

NOTICE INVITING TENDER

Tender Notice No	BAP: M&S: TE: INS: 16: 008: DT: 15.07.2016.
Name of work	250 KVA, 1500 RPM, Crompton make DG Set (Alternator) main Rotor field coil complete rewinding, Stator complete service, Exciter Coil Stator & Rotor Complete Service, Rotor Dynamic balancing, Assembling, Alignment & Testing as per detailed scope in schedule – I & II.
Period of contract	15 days.
Earnest Money Deposit (EMD) Amount	Rs. 10,000/-
Last date & Time for Receipt of the Tender	22.07.2016, 14.00 Hrs.
Date of Tender bid Opening	22.07.2016, 14.30 Hrs onwards.
Place of submission of Tender	Tender Box Placed in M&S Office, BHEL –BAP, Ranipet – 632 406
Address on the Sealed Tender Cover to be:	Sr.MANAGER/PLANNING M&S DEPARTMENT BHARAT HEAVY ELECTRICALS LIMITED RANIPET – 632 406 VELLORE DISTRICT TAMIL NADU
Venue of the Tender Opening	M&S Conference hall

ONLY FOR INFORMATION PURPOSE TO COMPLY GUIDELINES & CONSIDER ONLY ON NEXT TENDER SUBJECT TO AN ELIGIBILITY CERTIA.

GENERAL INSTRUCTIONS TO TENDERERS

1. Tenders must be submitted **in sealed covers** and should be addressed to

**Sr.MANAGER/PLANNING,
M&S Department,
Bharat Heavy Electricals Limited,
RANIPET – 632 406.**

The Name, Address of the Tenderer and the name of work shall be clearly mentioned on the cover.

2. Sealed tenders will be received up to 14.00 Hrs on 22.07.2016 in the prescribed form and will be opened on 22.07.2016 at 14.30 Hrs at M&S Conference Hall in the presence of such of those tenderers or their agents who may choose to attend, with authorization letter.
3. 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. You / your authorized Representative may participate in the tender opening.
4. All entries in the tender documents should be filled with same ink. Over-writing in the price bid to be avoided. The tenderers concerned should duly sign all cancellations and corrections.
5. Tenderers should fill in all the required particulars in the blank spaces provided for this purpose in the tender documents and also sign and seal each and every page of the tender document/annexures attached thereto before submitting the tender.
6. Conditional and unwitnessed tenders, tender containing absurd rates and amounts, tenders which are incomplete or otherwise considered defective and tenders not in accordance with the tender conditions laid down by the Accepting Officer are liable for rejection.
7. Bidders are advised to quote only as per BOQ given by BHEL. Offers other than price bid proforma of BHEL will not be considered.
8. In quoting the rates, the tenderers are advised to take into account all factors including any fluctuations in the market rates etc. No claim will be entertained on this account after acceptance of the tender or during the currency of the contract.
9. **The rates quoted in the tender shall remain valid for a period of three months from the date of opening of the tender.**

TERMS AND CONDITIONS TO ENQUIRY

1. BHEL has reserves the right to increase or decrease the tendered quantity.
2. BHEL has reserves the right to negotiate or refloat the tender opened, if L1 Price is not lowest acceptable price to them inter-alia other reasons.
3. BHEL has reserves the right to negotiate with L1 rate.
4. **The contract will be awarded to an overall lowest bidder as splitting of the work schedules between bidders are not possible.**

Clarification if any can be obtained from the undersigned before submitting the offer.

10. Proof of MSE Certificate:

If vendor have their MSE Certificate, EMD need not to pay for this work.

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(as below) 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 last date of bid opening (Part 1 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. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal.

Documents should be notarized or attested by a Gazettes officer.

All MSE suppliers shall continue to be in PMD with MSE status based on the EM II certificate or valid NSIC certificate. Any new supplier will be eligible for registration with BHEL as MSE supplier provided at least any one of the following documents are submitted along with application for registration.

- a) Valid NSIC certificate or
- b) Entrepreneurs Memorandum part II(EM II) certificate (valid based on deemed validity of 5 years) or
- c) EM II certificate along with attested copy of CA certificate(as per prescribed format as below applicable for the relevant financial year(latest audited) , where the deemed validity of EM II is over.

However credentials of all MSE suppliers will be verified before considering the intended benefits for MSE suppliers as per clause9ii) at the time of tender evaluation.

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:
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 Rs.....Lacs is within permissible limit of Rs.....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:

Signature of the Tenderer with seal
(Authorized Signatory)

11. EARNEST MONEY DEPOSIT(EMD) is Applicable Rs.10,000/-.

At the time of tender opening,

Covers containing EMD /One time EMD particulars (if paid already)/ MSME valid certificate(as per MSE Clause listed in point no.10), alone shall be opened first. Tenders received without earnest money deposit in full or part, in the form prescribed shall be summarily rejected.

Techno commercial bids of such of those tenderers who satisfy EMD requirements alone will be opened next.

Earnest Money Deposit (EMD) of Rs.10,000/- (Rupees Ten thousands only) must be accompanied with the tender, in the form of Cash receipt (CR) / Demand Draft (DD) drawn from any nationalized bank, in favor of "BHEL, Ranipet" payable at Ranipet (or) SBI, Mukundarayapuram Branch (Code 7013) / Pay online as per the details given below.

Note: BHEL has now made arrangements for payment of EMD thru Online. The steps to make online payment is detailed as below:

- 1) Visit <https://www.onlinesbi.com/prelogin/collecthome.htm>
- 2) Click „Proceed” button
- 3) Select „**Tamilnadu**” in the drop down menu under „ State of Corporate/Institution”
- 4) Select „**PSU-PUBLIC SECTOR UNDERTAKING**” in the next drop down menu under “ Type of Corporate/Institution”
- 5) Click „Go” button
- 6) Select „**BHEL BAP RANIPET**” in the drop down menu under “PSU-PUBLIC SECTOR UNDERTAKING”
- 7) Click „Submit” Button
- 8) Select „**EMD**” in the drop down menu under “ Select Payment Category”
- 9) Now Fill in the required details and ensure correctness of data filled. Ensure that you are entering correct enquiry/tender number and other details correctly.
- 10) Make payment for EMD as required in tender after entering the details and enclose copy of receipt along with tender documents.

12. SECURITY DEPOSIT(SD):

- a) Security Deposit shall be collected from the successful tenderer. The rate of Security Deposit will be as below:

Upto Rs.10 Lakhs	:	10%
Above Rs.10 lakhs up to Rs.50 Lakhs	}	Rs. 10 lakhs : Rs.1 Lakh + 7.5% of the amount exceeding Rs.10 lakhs.
Above Rs.50 Lakhs	:	Rs. 4 Lakhs + 5% of the amount exceeding Rs.50 lakhs.

- b) Security Deposit may be furnished in any one of the following forms:

- i) Cash (as permissible under the Income Tax Act).
- ii) Pay Order, Demand Draft in favour of BHEL.
- iii) Local cheques of Scheduled Banks, subject to realization.
- iv) Securities available from Post Offices such as National Savings Certificates, Kisan Vikas Patras etc., (Certificates should be held in the name of Contractor furnishing the security and duly pledged in favour of BHEL and discharged on the back).
- v) Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.
- vi) Fixed Deposit Receipts issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The FDR should be in the name of the Contractor, A/C BHEL, duly discharged on the back.
- vii) Security Deposit shall also be recovered at the rate of 10% from the running Bills. However, in such cases at least 50% of the Security Deposit should be remitted before start of the work and the balance 50% may be recovered from the running bills.
- viii) EMD amount of the successful tenderer can be converted/adjusted against the SD.
- ix) **The security deposit shall not carry any interest.**

Note:

Acceptance of Security Deposit against Sl. No. (iv) and (vi) above will be subjected to Hypothecation or endorsement on the documents in favour BHEL. However, BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith. The Earnest Money paid at the time of tender will be adjusted as part of the Security Deposit and the balance amount will be recovered by deduction from the running bills of the contractor at the rates mentioned above.

All compensation or other sums of money payable by the Contractor to BHEL under the terms of this contract or under any other contract with BHEL may be deducted from the Security Deposit or from any sums which may be due or may become due to the contractor by BHEL and in the event of this Security Deposit being deducted by reason of such deductions as aforesaid, the Contractor shall within 7 days thereafter, make good in cash or in securities endorsed as aforesaid, any sum by which the Security Deposit has been reduced.

If the contractor fails to execute the contract either fully or partially or violates the contract conditions leading to cancellation of the contract, the security deposit will be forfeited.

The entire security deposit amount so deposited/recovered will be refunded at the end of the contract period and after satisfactory completion of the work.

13. Should a tenderer or a contractor has a relative or in the case of a firm or company of contractors any of its shareholders or share holder's relative, employed in Bharat Heavy Electricals Limited, the authority inviting tenders shall be informed of this fact at the time of submission of the tender failing which tender may be disqualified or if such fact subsequently come to light, the contract may be rescinded.
14. The Bharat Heavy Electricals Limited will not bound by any Power of Attorney granted by the tenderer or changes in the composition of the firm made subsequent to the execution of the contract. They may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contract concerned.
15. If the contractor deliberately gives wrong information in the tender or creates conditions favorable for the acceptance of his tender, Bharat Heavy Electricals Limited reserves the right to reject the tender at any stage.
16. Words imparting the singular number shall also deemed to include the plural number and vice versa where the context so requires.
17. The General and Special Conditions of Contract are complimentary to each other and where they are in conflict, the Special Conditions shall prevail. In regard to matters not covered by the General or Special Conditions of Contract, those contained in the specifications approved by Bharat Heavy Electricals Limited shall apply.
18. Tenderers shall not increase their quoted rates or lay additional conditions incase Bharat Heavy Electricals Limited negotiates for reduction of rates, such negotiations shall not amount to cancellation or withdrawal of the original offer and the rates originally quoted shall be binding on the tenderers for a period of three months from the date of opening of tender. In case the above conditions are violated, BHEL is at the discretion to cancel the tender by forfeiting the EMD paid by deviating tenderer.
19. Canvassing in any form in connection with the tender is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
20. The "GENERAL INSTRUCTIONS TO TENDERERS" shall be deemed to form an integral part of contract for the work to be entered into.
21. The tenderer should be present if called for negotiation both technical and commercial. In case, the tender's authorized person is attending the negotiation such person should have the authorization letter and he should be capable of taking spot decisions.
22. If needed, the tenderers may visit the site/working area and obtain all clarifications from Tender Issuing Officer regarding the nature of job before offering their quotation.
23. The contractor shall be quoted all the applicable taxes in the offer and no tax will be paid after the issue of the contract.
24. Necessary 'COMPREHENSIVE INSURANCE' coverage is to be arranged by contractor for his material handling vehicle/drivers/ labors and also for third party liability.

25. In case the Bidder is not interested in submitting your quotation, they should return all the tender papers with a covering letter stating that your regrets for not submitting your offer for this tender.
26. The bidder shall clearly indicate all the applicable Taxes in the Price Bid and also shall state clearly whether these taxes are inclusive or exclusive of the Basic rate quoted. If any tender does not indicate applicable taxes, BHEL will assume, price quoted is inclusive of all Taxes and Tender will be evaluated accordingly.
27. The contractor shall indicate all the applicable taxes in the offer and any claim after the issue of contract will not be entertained.
28. In case if any Taxes not applicable, like due to threshold limit etc. Same may be clearly indicated in the offer by the Bidder.
29. BHEL reserves the right to forfeiture of Security Deposit in addition to the other claims and penalties in the event of the Contractor's failure to fulfill any of the Contractual obligation including liquidation or bankruptcy of the contractor, non-payment of money payable by means of arbitration award in favour of BHEL or in the event of termination of Contract as per terms and conditions of Contract. BHEL reserves the right to set off the Security Deposit, against any claims of any other contracts with BHEL.
30. To terminate the contract after due notice to cause forfeiting of Security Deposit and recover the loss sustained in getting the balance work done through other agencies in addition to liquidated damages in the event of:
- 1) Contractor's continued poor progress.
 - 2) Withdrawal from or abandonment of the work before completion of the work.
 - 3) Corrupt act of contractor.
 - 4) Insolvency of the contractor.
 - 5) Persistent disregards to the instructions of BHEL.
 - 6) Assignment transfer, sub-letting of the contract without BHEL's permission.
 - 7) Non-fulfillment of any contractual obligations.
31. Any delay beyond contract period will attract penalty on pro-rata basis, for the delayed period excluding Sundays.
32. **Discrepancy in "Words" & "Figures":**
- a) If, in the price structure quoted for the required goods/services/works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
 - b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.

- d) If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date up to which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.

33. Service Tax & VAT

Rates quoted shall include all royalties, terminal taxes, octroi duties, central and provincial excise tax, sales tax and other taxes leviable under the State or Central Government Rules excluding Service Tax. The Bharat Heavy Electrical Limited will not entertain any claim whatsoever in this respect in future.

The Bidder shall not include Service Tax & VAT in their quoted rates; but the bidder has to separately indicate the Service Tax & VAT rate, amount and workings thereof in the Price bid schedule included in the bid documents.

If service tax & VAT amount is not indicated separately in the price bid schedule included in the bid documents, it will be presumed that the quoted rate is inclusive of applicable service tax and bids will be evaluated accordingly.

The quoted rates shall also include expenditures towards complying statutory payments like Provident fund, ESI payments, bonus & wages etc for the labourer & staff deployed in the work.

The contractor will be submitted service tax registration certificate to BHEL and claim the Service Tax from BHEL by submitting Tax invoice as per Rules & Regulations of Service Tax and the documentary evidence will have to be submitted along with the next bill. If for any reason, the contractor has to pay penalty, interest on service tax, the contractor has to bear such additional payment. BHEL will pay only the service tax at actual. The Bharat Heavy Electricals Limited will not entertain any claim in this regard.

Bidders have to quote the applicable Service Tax payable in the Price bid format included in the Bid document which shall be considered for evaluation. The same shall be considered for reimbursement against valid documentary evidence to successful bidders.

Any statutory variation in Service Tax Rate during contract period shall be reimbursed by the company based on claim by the Agency along with valid documentary evidence.

34. SET OFF Clause:

No interest shall be payable by BHEL on Earnest Money or Security Deposit, if applicable, or any money due to the Contractor by BHEL." "BHEL shall have the right to recover any money due from the contractor from any money due to the contractor under this contract or any other contract or from the security deposit."

35. Insurance, Transportation & delivery are in contractor scope.

Transit insurance and off – BHEL storage insurance of an equipment in contractor scope. The approximate equipment value of DG Set is Rs. 2,00,000/-.

36. Warranty: The repaired item will have a warranty of six months from the date of set into DG Sets. If the repaired equipment fails within the warranty period, the contractor should be carried-out re-work at free of cost including transportation & insurance immediately upon receiving information from BHEL, and ensure satisfactory performance.

37. Payment Terms:

The 90% payment shall be made by BHEL after completing the service & rewinding acceptance.

A balance 10% which is retained as a security deposit will be paid after the warranty period of six months from the date of delivery of serviced parts at our works.

PRICE BID

BILL OF MATERIAL

Name of work : 250 KVA, 1500 RPM, Crompton make DG Set (Alternator) main Rotor field coil complete rewinding, Stator complete service, Exciter Coil Stator & Rotor Complete Service, Rotor Dynamic balancing, Assembling, Alignment & Testing.

Contract period : 15 Days.

Tender Notice no : BAP: M&S: TE: INS: 16: 008: DT: 15.07.2016.

SCHEDULE 01

SL NO	DESCRIPTION	QTY	UNIT	Labour Charge in Rs	AMOUNT in Rs
01	250 KVA, 1500 RPM, Crompton make DG Set (Alternator) main field coil complete rewinding, stator complete service, Exciter coil stator & Rotor complete service, Rotor Dynamic balancing, assembling, alignment & testing as per the scope of work. Dismantling, Loading, Transportation to vendor works & delivery to BHEL/Ranipet by contractor scope.	02	No		
02	Sub Total				
03	Service tax _____%				
04	Material Cost				
05	VAT@ _____%				
06	Total				

Note:

Materials/Damaged winding Coils are removed from the DG Set (Alternator) that should be returned to BHEL/Ranipet without fail.

CERIFICATE OF NO DEVIATION

I / We of M/s

hereby certify that **there is no deviation** from the tender conditions either technical or commercial and I am /We are agreeing to all the terms and conditions mentioned in the Tender Specification.

Date:

Signature of the Bidder

Offer for the Stator & Exciter Rewinding - (In case Stator & Exciter Healthiness not obtained even after Servicing, Baking & varnishing as per Schedule – I, SL No (1)-----then only (after inspection by BHEL the below Scope should be carrier out.(SCHEDULE - II)

SCHEDULE 02

SL NO	DESCRIPTION	QTY	UNIT	Labour Charge in Rs	AMOUNT in Rs
01	250 KVA DG Alternator Main Stator Rewinding charges. (Material using 'F' Class Insulation, Red Varnish applying and including Labour charges).	02	No		
02	Exciter Rotor Rewinding charges. (Material using 'F' Class Insulation, Red Varnish applying and including Labour charges)	02	No		
03	Sub Total				
04	Service tax _____%				
05	Material Cost				
06	VAT@ _____%				
07	Total				
08	Total Amount (Schedule 01 + Schedule 02)				

Note:

Materials/Damaged winding Coils are removed from the DG Set (Alternator) that should be returned to BHEL/Ranipet without fail.

SCOPE OF WORK:- SCHEDULE 01

1. Dismantle, check the conditions the Stator coils (for stator fault) and, check the conditions the Rotor (if Rotor fault) and remove the all old and burnt coils fully.
2. Remove and clean the slots.
3. Repair the core and internals if required.
4. Re- insulates the Stator and Rotor slots with fresh Quality F – class insulation materials.
5. Rewinding the Stator and Rotor by using ISI standard super enamel copper wire (ATLAS, HTP, DEVIDHAYAL, LG).
6. Dynamic balancing the Rotor and clean the stator and rotor with thinner 234.

7. Apply 100% varnishing using INSULVAR –V30 / DR BECK & CO / ELVIN brand of varnish by stator/rotor.
8. Assembling of motor and suitable end termination should be done properly. The insulation values should be more than 50 Mega ohms.
9. Test the motor performance to the full capacity at contractor's work in the presence of BHEL representative. If it is accepted by BHEL person, then
10. Bring the rewounded motor to BHEL and prove the performance completely in all aspects at BHEL

If inspection is not cleared by BHEL,

11. **Carry out the work as given in Schedule- II** and inform BHEL for Inspection. After inspection clearance given by BHEL person, and Bring the rewounded motor to BHEL and prove the performance completely in all aspects at BHEL
12. Transport charges (To and Fro) From BHEL, Ranipet to your work center and return back to BHEL RANIPET in contractor scope.

SAFETY RULES

1. The Contractor must inspect the area of work to decide the safety precautions necessary for executing this contract.
2. Whenever people work at height more than six feet, platform shall be provided or the workers shall wear safety belt to avoid fall from the height.
3. Wherever any area declared dangerous, the workers shall not be allowed to work till a written clearance is obtained from appropriate authorities.
4. No material of any kind shall be dropped or allowed to be dropped from any height.
5. Defective ladders shall not be used at all.
6. Inflammable materials shall not be stored near places where the sparks are likely to occur.
7. The necessary safety equipments such as gloves, safety belt, helmet, safety boot etc must be issued to the workmen and strictly to be used while carryout the work. If Personal Protection Equipments not provided by the contractor, BHEL shall provide the required PPEs on chargeable basis, depending upon the stock availability.
8. If the contractor's workmen found violating the safety precautions, punitive action will be taken and or a penalty of Rs.500/- will be imposed and deducted from the contractor bill for each violation.
9. The working area shall be kept clean and free from all obstructions.
10. All safety precautions are to be taken by the contractor at his cost.

These safety measures shall be deemed to form an integral part of the Work Order/ Agreement.