

BHARAT HEAVY ELECTRICALS LIMITED
RAMACHNADRAPURAM :: HYDERABAD- 502 032
Website: www.bhel.com

TENDER NOTICE

Ref No: HY: T: 6012/M52/2008/001
Name of the Department: EM Testing

Dt: 28 Jan 2008

TENDER NOTICE NO: HY/T/6012/M52/2008/001

To _____

Sealed tenders in two bids (Techno commercial & Price bids) in a sealed cover, subscribing the tender notice number, tender date, name of the work and due date of tender opening will be received by the undersigned from the contractors satisfying the prequalification requirements indicated below and will be opened at 13.30 hrs on the due date itself in the presence of tenderers or their authorized representatives (if any) in Finance Department, BHEL, Ramachandrapuram, Hyderabad.

Name of the Work	Earnest Money Deposit (EMD)	LAST DATE FOR DOWN LOAD	Due date / Time for receipt of tender	Date and Time of Tender Opening	Period of completion
Repair and Rewinding of 315 KW,6.6 KV,AC Motor (M52) located in 86 building. (Techno Commercial Bid- Part A and Price Bid – Part B are enclosed)	Rs 10,000	09.02.2008	09.02.2008 at 13.00 hrs	09.02.2008 at 13.30 hrs	THIRTY DAYS

Approximate Estimated Amount inclusive of all taxes: Rs 3,34,000/-

- I It is mandatory for a tenderer to have following:
- PAN No. (in case not available, proof of having applied with Acknowledgement from concerned authorities)
 - TIN/ VAT/ APGST No. (in case not available, proof of having applied with acknowledgement from concerned authorities) and
 - Service Tax Registration No. (in case not available, proof of having applied with acknowledgement from concerned authorities)
- II Tenders must be submitted in **sealed covers** addressed to **Addl. General Manager / Testing, 1st floor, 86 Building, BHEL, Ramachandrapuram, Hyderabad 502 032**. Tenderer shall write tender notice No, and name of work and address of the Tenderer on the sealed cover. In case the agency fails to comply any of the above, the tender shall be liable for rejection.

III. **Notes:**

1. Period of completion of work shall be as mentioned in NIT.
2. Tenders are **on two - part bid method** (Techno commercial bid (Part A) and price bid (Part B)).
3. Tender documents can be had through BHEL website
<http://www.bhel.com>
4. BHEL reserves the right to reject or cancel the tender at any stage of the tender process without assigning any reasons there of.
5. The agencies are advised to visit the site on their own expense and understand the nature of repair/ rewinding/ quantum of work in its true perspective to avoid any complications during executions.

Manager/ EM Testing

BHARAT HEAVY ELECTRICAS LIMITED
RAMACHANDRAPURAM:: HYDERABAD-502 032

TESTING DEPARTMENT

TECHNO- COMMERCIAL BID (PART-A)

Work: Repair and re winding of 315 KW,6.6KV,Ac Motor (M52) located in 86 building Machine hall BHEL.

This tender schedule must be submitted along with the General Conditions, Technical points / conditions etc. enclosed herewith duly signed and stamped on each page with your covering letter. **Remarks should be TYPED/ hand written on tender schedule only.** Any deviations / deletions/ additions etc. may be neatly typed on your letter head and can be enclosed with techno- commercial bid document.

To be filled up by the Bidder

1	Name of the contractor:	
2	Name of work	Repair and re winding of 315 KW,6.6KV,Ac Motor (M52) located in 86 building Machine hall BHEL.
3	Tender Notice no & Date:	<i>HY/T/6012/M52/2008/001</i> Date: 28.01.2008
4	Details of DD/ Cash paid. D.D or Cash receipt No. for EMD:	
5	PAN NO. (in case not available, proof of having applied with acknowledgement from concerned authorities).	
6	TIN/ VAT/ APGST No. (in case not available, proof of having applied with acknowledgement from concerned authorities)	
7	Service Tax Registration No. (if applicable). Please mention whether unit rate/ amount is inclusive of tax or exclusive of tax.	
8	Acceptance of Penalty Clause: Penalty of 5% per week will be levied on the value of contract, in case of delay on account of the contractor beyond thirty days.	

NOTE:

1.) Techno commercial bids will be scrutinised with in 3 days. In case the agency has not satisfied all the above conditions with documentary proof, a chance will be given to submit missed documents with in a week time otherwise the bid is liable to be rejected and their price bid will not be opened.

(This clause is not applicable for non-payment of EMD).

2) In case, the tenderer is a firm, documents shall be in the name of the firm. However in case of sole proprietor or individual, these can be on the name of the sole proprietor or individual.

Signature of Contractor(s).

- 3) All the columns shall be filled with proper information.
- 4) BHEL reserves the right to reject or cancel the tender at any stage of the tender process without assigning any reasons there of.

TERMS AND CONDITIONS

- 1) Contractor should arrange all materials for the work concerned.
- 2) Security Deposit clause is applicable, rate of SD is 10%.
- 3) Guarantee period-6 months from the date of Commissioning against any defect of material (supplied/ used by contractor) and workmanship; limited to replacement free of cost only.
- 4) Payment will be arranged after completion of works on submission of bill to Testing Dept.
- 5) Transportation both ways by the Party.
- 6) Delivery time Four Weeks from awarding of work.
- 7) The scope of works is detailed in annexure A.

Signature of Contractor(s).

ANNEXURE A

**DETAILS OF WORK TO BE CARRIED OUT BY THE CONTRACTOR
For "Repair and Re – Winding of 315KW,6.6KV,AC Motor (M52) in 86
Building Machine Hall."**

The details of work to be carried out by the contractor.

**SCHEDULE OF WORK "Repair and Re – Winding of 315KW,6.6KV,AC
Motor (M52) in 86 Building Machine Hall."**

S.No	Description of Work
1.	<ul style="list-style-type: none">a) Dismantling of coupling guard and storing it properly.b) Decoupling of motor & DC-generator coupling. Storing of coupling bolts, marking of coupling matched faces. Recording coupling gap.c) Removal of Stator Frame bolts of Motor Footings from foundation frame and storing these bolts safely.d) Removal of Starting Resistance connections and disconnection of cabling. Noting down connection details.e) Removal of Electrical connections of Stator and mark cable terminal.f) Arrangement of chain-pulley-block for lifting of motor.g) Lifting of motor and packing with due care in shifting to outside of Machine hall and then transporting to Contractor's work shop.h) Shifting of the machine to BHEL after repair /rewinding and successful test run at contractor/vendor s place as in (2) and (3).i) Checking of bearings and if required replacement of bearings (supplied by BHEL), Slip ring machining ,removal and replacement of carbon brushes if required (supplied by BHEL).j) Assembly and electrical connections of the complete machine on the foundation bed at BHELk) Trail run and commissioning of the assembly at BHEL.
2.	<ul style="list-style-type: none">a. Rewinding of the 315KW.6.6KV, 50HZ AC Induction motor stator with new copper , main insulation, inter turn insulation of class F ,retaining of scrap copper with contractor ,ensuring of stator core for healthiness and repair of core if necessary.b. In process quality record of each coil shall be submitted for review.c. Test run of the assembled machine after rewinding at vendors/contractors repair Centre in presence of BHEL personal.
3.	Overhauling of the rotor , cleaning and varnishing , baking improvement of IR values and testing

NOTE:

Lifting tackles and tools for dismantling, assembling, moving motor from and to Machine hall 86 bldg. etc will be in Contractor's scope

Signature of Contractor(s).

(THIS IS AN INDIVISIBLE WORKS CONTRACT AND THE CONTRACTOR SHALL QUOTE FOR ALL ITEMS)

PRICE BID (PART-B)

(Should be submitted in a separate sealed cover)

SCHEDULE OF WORK FOR “Repair of /ReWinding of M-52: 315 KW, 6.6 KV, AC, Motor Armature in 86 building Machine Hall.”

SL.NO	Description of work	UNIT	RATE	AMOUNT
1.	<ul style="list-style-type: none"> a) Dismantling of coupling guard and storing it properly. b) Decoupling of motor & DC-generator coupling. Storing of coupling bolts, marking of coupling matched faces. Recording coupling gap. c) Removal of Stator Frame bolts of Motor Footings from foundation frame and storing these bolts safely. d) Removal of Starting Resistance connections and disconnection of cabling. Noting down connection details. e) Removal of Electrical connections of Stator and mark cable terminal. f) Arrangement of chain-pulley-block for lifting of motor. g) Lifting of motor and packing with due care in shifting to outside of Machine hall and then transporting to Contractor’s work shop. h) Shifting of the machine to BHEL after repair /rewinding and successful test run at contractor/vendor s place as in (2) and (3). i) Checking of bearings and if required replacement of bearings (supplied by BHEL), Slip ring machining , removal and replacement of carbon brushes if required (supplied by BHEL). j) Assembly and electrical connections of the complete machine on the foundation bed at BHEL. k) Trail run and commissioning of the assembly at BHEL. 	LS		
2.	<ul style="list-style-type: none"> a. Rewinding of the 315KW.6.6KV, 50HZ AC Induction motor stator with new copper , main insulation, inter turn insulation of class F ,retaining of scrap copper with contractor, ensuring of stator core for healthiness and repair of core if necessary b. In process quality record of each coil shall be submitted for review c. Test run of the assembled machine after rewinding at vendors/contractors repair Centre in presence of BHEL personal. 	LS		
3.	Overhauling of the rotor, cleaning and varnishing , baking, improvement of IR values and testing	LS		
4.	Taxes if any			
	Total			

TOTAL AMOUNT IN WORDS:

NOTE:

Lifting tackles and tools for dismantling, assembling, moving motor from and to Machine hall 86 bldg. etc will be in Contractor’s scope.

Signature of Contractor(s)