

BOKARO POWER SUPPLY CO. (P) LTD.

**HALL NO:- M-01, OLD ADMINISTRATIVE BUILDING,
ISPAT BHAVAN, BOKARO STEEL CITY – 827001**

**TENDER NOTICE NO.: BPSCL/CEO/P&C/14-15/C-010/NIT-442/3702
dated 01/05/2014**



TENDER DOCUMENT

**NAME OF WORK: “Rewinding, Repair & Overhauling of Motors up to Capacity of 25
KW LT, 415V AC Motors”**

**COST : Rs. 1000/-
(Rupees One Thousand only)**

I N D E X

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Bokaro Power Supply Co. (P) Ltd.

(A Joint Venture of SAIL & DVC)

Hall No: - M-01, Old Administrative Building,
Ispat Bhavan, Bokaro Steel City – 827001

NOTICE INVITING TENDER

NIT No. : BPSCL/CEO/P&C/14-15/C-010/NIT-442/3702

Date : 01/05/2014

For and on behalf of BOKARO POWER SUPPLY COMPANY (P) LTD, sealed tenders in four parts, **Part - A :** Cost of Tender document and documents in support of eligibility criteria, **Part-B :** Earnest Money Deposit, **Part- C :** Technical & Commercial Offer and **Part – D :** Price Bid. are invited, from reputed, experienced and financially sound firms for the following work at our Power Plant.

Description of Work	“Rewinding, Repair & Overhauling of Motors (up to Capacity of 25 KW LT, 415V AC Motors)”
Estimated Amount (in Indian Rs.)	Rs. 16,60,856/- (Rupees Sixteen Lakhs Sixty Thousand Eight Hundred Fifty Six) only excluding Service tax.
Earnest Money (in Indian Rs.)	Rs. 33200/- (Rupees Thirty Three Thousand Two Hundred) only
Cost of tender documents (Non-refundable) (in Indian Rs.)	Rs. 1000/- (Rupees One Thousand) Only
Period of contract	01 (one) Year from the date of commencement of the actual work.
Last date & time of submission of tender	30/05/2014 at 12.00 Hrs. (IST)
Bid opening Date & Time.	30/05/2014 at 12:15 Hrs. (Part A, B & C)

Qualifying Requirements / Eligibility Criteria :

1. The bidder must submit a self-attested copy of valid (up-to-date) Electrical License for conducting contractual jobs of electrical nature, or proof of application for renewal of the same.
2. The bidder must submit self-attested copy (copies) of Work Order (WO) (s), of which the work(s) has (have) been completed within last seven years ending last day of month previous to the one of issue of NIT, as proof of work done in the field of:
(a) Rewinding of LT Motors of rating 25KW or more;
‘OR’
(b) Rewinding and Repair/ Overhauling of LT Motors of rating 25KW or more in any PSU, Central/State Government Organization, or Joint Venture company thereof, or any Company registered under company’s act 1956.
The value of such WO (s) should not be less than:
i. **Rs. 9, 96,514.00** (Rupees Nine Lakhs Ninety Six Thousand Five hundred Fourteen only, excluding service tax) for a single W.O.
‘OR’
ii. **Rs. 4, 98,257.00** (Rupees Four Lakhs Ninety Eight Thousand Two Hundred Fifty Seven only, excluding service tax) for each of two or more W.O.
3. The bidder must submit self-attested copy (copies) of satisfactory Work Completion Certificate (s) for the work (s) for which copy (copies) of work order (s) is (are) being submitted as given above.
4. (a) The average annual turnover of the bidder during last three (03) Consecutive financial year should not be less than Rs. 4, 98,257.00 (Rupees Four lakhs ninety eight thousand two hundred fifty seven only).

- (b) The bidder shall submit self-attested copies of audited balance sheets, Profit & Loss Account, or certified copy for the same duly authenticated by a practicing Chartered Accountant, for last three (03) consecutive financial years.
5. The bidder shall furnish authenticated copies of documents as proof of upto date ITR, ESI, EPF & Service Tax Registration No.
6. The bidder shall give a declaration in original duly signed with official seal that he/it/they is/are NOT debarred by any Central/State Government agencies or by any PSU company / company registered under co. act. under any sort of blacklist/holiday list.

Important Notes:

1. As fulfillment of requirements described above, the bidder will have to submit (i) declarations duly signed by the bona fide representative of the company with seal; (ii) authenticated copy (copies) of documentary evidence(s), duly signed by the bona fide representative of the company with seal on each page.
2. The original documents are to be produced on demand.

General Terms & Conditions:

- i) Offer shall be accompanied with Cost of the tender documents of **Rs. 1000.00** (non-refundable) in the shape of Demand Draft / Banker's Cheque drawn from any Nationalized / Scheduled Bank except Co-Operative Bank, in favour of **Bokaro Power Supply Company (P) Ltd.**, Payable at Bokaro Steel City.
However Government organizations / Small scale industries registered with NSIC is not required to submit the cost of tender document subject to production of the documentary evidence like valid Registration certificate of the same item or group of item from appropriate Govt. Authority.
- ii) Offer shall be accompanied with Earnest Money Deposit (EMD) of **Rs. 33,200.00 (Rupees Thirty Three Thousand Two Hundred Only)** in the shape of Demand Draft / Bank Guarantee from any Nationalized Bank / Scheduled Bank except Co-operative Bank drawn in favour of **Bokaro Power Supply Company (P) Ltd.**, Payable at Bokaro Steel City.
However EMD exemption wherever applicable may be availed of by Government organizations / Small Scale Industries registered with NSIC against proper entitlement documents.
- iii) The undersigned reserves the right to either reject any / all the tenders without assigning any reason thereof & also reserves the right to alter the qualifying requirements.

Note:

1. Tender documents are to be downloaded from our Website: www.bpscl.in only.
2. Bidders are requested to visit our website regularly for any addendum / corrigendum / Extension till opening of the NIT. **Any such changes shall not be published through Press advt.**

For and on behalf of
Bokaro Power Supply Company (P) Limited
Sd/-
(J.M Prasad)
DGM (P&C)

Conditions & Rules to be observed in submitting Tenders

1.01 Manner of Submission of the Tender

The tender shall be divided into 04 parts as follows:-

- a) **Part A:** This part Comprises of Cost of Tender document, Proof of Qualifying Requirements, marked with (Part-A) 'Qualifying Requirements', NIT No. & date
- b) **Part B:** This part comprises of the Earnest Money Deposit in the manner as stated in the tender which shall be in one envelope marked with (Part-B) 'EMD', NIT No. & date
- c) **Part C:** This part Comprises of Technical and Commercial details, consent on terms & conditions of NIT etc. marked with (Part-C) Techno-Commercial Bid, NIT No. & Date.
- d) **Part D:** This part shall contain only the price schedule comprising the rates filled in figures and words as per the instruction given elsewhere in this tender. This should be kept in a sealed cover marked Price Bid (Part -D), NIT No. and Date.

1.01.1 Each part should be sealed in separate envelopes, clearly superscribing on the top of each envelope the relevant part number and description along with NIT reference and date of opening and submit all the parts simultaneously in another sealed envelope clearly superscribing NIT reference and date of opening.

1.02 Tender Validity Period

The tender shall be valid at least for 120 (One hundred twenty) days from the date of opening.

1.03 General

- i) Tenderer's are requested to visit site for actual assessment of the job before submission of their offer.
- ii) The tender rates shall be written in English, both words and figures. In the case of any discrepancy between the words & figures of the rates quoted, the rates expressed in words shall be taken as correct. In the case of discrepancy in the Unit Rate and Amount, Unit Rate will govern. Erasures, changes, and corrections of whatever type/nature shall be attested by the tenderer. The rates amount shall be written in Rupees and Paise only. The rates in words shall be written in one single line only without admitting any interpolations.
- iii) All pages of the tender documents, conditions, specifications & all enclosures must be signed with seal of the company at the lower left hand corner by the tenderer before submission of the tender.
- iv) If the intending tenderer is a Firm or Company, then they shall, in the forwarding letter, mention the number and names of all the partners & shall sign before submitting the same, unless the Power of Attorney holder has specifically been authorized in this respect.
- v) If any tenderer withdraws his tender before its acceptance or refuses within a reasonable time without giving any satisfactory and acceptable explanation thereof, the tenderer shall be disqualified for making any tender of the BPSCL for a minimum period of one year and the Earnest Money will be forfeited.

- vi) Any tender containing false information/particulars shall be liable to be rejected and tenderer found guilty for furnishing false information/particulars may be debarred from future dealings as per prevailing procedure and EMD will be forfeited.
- vii) **Handling of Earnest Money:**
 - a) Earnest Money will be refunded to the un-successful tenderer after finalisation of tender and no interest will be paid for the same.
 - b) The amount of Earnest money will be adjusted against Security Deposit only in case of successful Tenderer.
- viii) In case the date of tender opening happens to be holiday, the tender will be opened on the next working day at the same time.
- ix) **Any conditional offer or offer having deviations from our qualifying requirement, specification & instruction sheets is liable to be rejected.**
- x) BPSCL reserves the right either to reject any/all the tenders without assigning any reason thereof.

General Terms and Conditions

- 2.01 You will have to follow and observe the safety & statutory requirements.
- 2.02 You will have to fully responsible for any sort of unsafe activity of your workmen.
- 2.03 All working personnel should have proper safety certificates issued by BPSCL before start of work.
- 2.04 Supervision of the work has to be carried out by the agency.
- 2.05 Work is to be carried out as per instruction & satisfaction of the Engineer-In-Charge.
- 2.06 Rates are to be quoted on firm price basis. Any conditional offer is liable to be rejected.
- 2.07 **Payment Terms :**
90% of contract value will be paid on pro-rata basis on progressive jobs duly certified by Engineer In-Charge and balance 10% will be retained as security deposit which will be released on completion of guarantee period after satisfactory execution of work.

The expression satisfactory execution of the order shall mean fulfillment of all obligation arising out of and the guarantees stipulated in the contract. In default at satisfactory execution of the order the security deposit shall be forfeited to the BPSCL.

Any penalty for which the successful tenderer shall be found liable or any liquidated damages which shall be payable to the BPSCL in terms of the Contract, shall also be recoverable by the BPSCL from the Security deposit. If such security deposit will not be adequate for the purpose of liquidating the amount of penalty and/or damages as contemplated, the amount in excess thereof shall be deducted from any sum or sums which may be due or may become due to the successful tenderer from the BPSCL on any account whatsoever.

Notwithstanding what has been stated above if the successful tenderer shall have duly performed all his obligation under and the guarantees stipulated in the contract and observe all the terms and conditions thereof and no penalty shall have been recoverable from him and / or the BPSCL shall not have suffered any damages whatsoever, then security deposit shall be refunded, on receipt of a certificate from the Engineer in - charge that there is no claim against the Successful tenderer under the Contract.

- 2.08 Safety of the contractor's workmen will be entirely the responsibility of the contractor. In case of any work injury, major or minor, the contractor or his representative will have to provide the medical aid. If adequate medical care is not provided by the contractor, the worker will be treated in BGH and the cost of treatment will be recovered from your running bill.
- 2.09 Contractor will produce medical fitness certificate for his workers prior to CLC clearance for working at height. Height passes to be obtained from safety department.
- 2.10 You will have to strictly adhere to the provision of various labour laws including payment of bonus Act 1965.

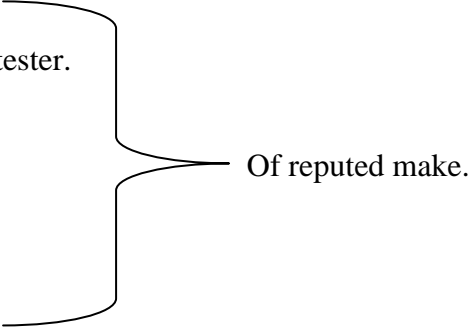
- 2.11 You will have to pay Rs.4/- extra to the working persons as per BPSCL rules above minimum wage of one day.
- 2.12 The tenderer / contractors in the tender shall quote contract price as per circular / notification published by the State Government in regard to rates of payment of VDA in vogue.
- 2.13 AWA to the workers shall be payable by you @ Rs.38.46 per worker / per day subject to maximum of Rs. 1000/- per worker / per month.
- 2.14 Offer is to either type written or by handwritten and in no case partly type written and partly hand written. No corrections, overtyping shall be permitted. If so, the same shall be summarily rejected.
- 2.15 Paying authority – DGM (F&A), BPSCL.
- 2.16 Tenderers shall quote their firm rates and no negotiations will be held except with the lowest tenderer, if required.
- 2.17 In accepting the order you are understood to accept to all responsibilities for completing the work in all respect.
- 2.18 Where a claim of Service Tax is preferred and admitted, the tenderer must satisfy that he is a registered contractor under Service Tax Act and possesses a Certificate of Registration in the firm's name in which the service is made and shall in proof thereof, while submitting bills for payment, furnish the number, date and other particulars of such Certificate.
- 2.19 **SUBMISSION OF BANK GUARANTEE FOR QUOTING UNWORKABLE RATE**
If the tenderer quotes unworkable rate i.e. quoted rate of tenderer is lesser than 90.00% of estimated value and is considered for placement of work order, they/he will be asked to justify the rate quoted and will have to give **Performance guarantee bond** (in addition to the Security Deposit) either in the form of Bank Draft/Bank Guarantee (In prescribed format of BPSCL) issued by any Nationalized/Scheduled Bank in favour of **Bokaro Power Supply Company (P) Limited**, payable / duly endorsed in favour of BPSCL at **B.S.City**. The amount of PBG will be equivalent to difference of 90% of estimated value and quoted value.
- 2.20 **FORCE MAJEURE** : Vendors / Contractor shall not be considered in default if delay occurs due to cause beyond their control such as acts of God, natural calamities, civil wars fire, strike, frost, floods, riot and acts of unsurpassed power. Only those causes which have duration of more than seven days shall be considered in force majeure clause. In the event of delay due to such clause the delivery / completion period will be extended for a length of time equal to the period of force majeure of at the option of owner order may be cancelled without any liability what so ever on the part of the owner.
- 2.21 The bidder shall give a declaration in original duly signed with official seal that he /it /they is/are NOT debarred/pre-maturely terminated by any Central / State Government agencies or by any PSU company under any sort of blacklist / holiday-list.

- 2.22 **The Parties should clearly indicate their prices firm in all respects till execution of the work order.**
- 2.23 In case of asking any variation on any account whether sales tax or Service tax, excise duty or transportation etc. (wherever applicable) will not be treated as firm price on that account and hence parties should state everything clearly.
- 2.24 **Special Instruction:** Tender will be opened on **30.05.2014 at 12.15 PM**. If it is declared a holiday by BPSCL then in the next working day at the same time in the presence of Tenderer's Authorized Representatives, who wish to be present.

Scope of work :

1. The defective motors are to be transported to repair bay inside the plant premises as per requirement of the rewinding of any particular motor.
2. Dismantling of motors is to be done with proper care so that no parts get damaged.
3. Removal of winding is to be done as per standard practice noting all the data of winding details.
4. Rewinding of motors is to be done as per the noted data & using good quality copper wires of proper gauge, insulation, insulating varnish, thinner & other materials required for rewinding. All the materials should be of proper quality as per guidance of engineer-in-charge.
5. Replacement of defective bearings of motors by new bearings, ensuring perfect fittings so that there are no vibration & noise during trial run of motors.
6. Defective Terminal Block(s) & Terminal Box Cover(s) of motors are to be replaced by new ones. (The required materials are to be provided by the repairer and should be of proper quality as per guidance of engineer-in-charge)
7. Replacement of defective cooling fans of motors by new cooling fans. (The new fans are to be supplied by the repairer)
8. Assembly of rewound, reinsulated and repaired motors is to be done as per standard norms.
9. The motor body is to be painted with two (02) coats of Smoke Grey paint (IS: 5, Shade No.- 631) over one coat of primer of reputed make and date of repair is to be clearly written on the motor body for proper identification of repairing agency and required paint is to be supplied by party.
10. Trial run of assembled motors, for at least one hour each, is to be shown to the engineer-in-charge. There should not be any vibration, noise or undue heating up of motor-body, bearings or any other motor parts during the trial run.
11. Repaired motors are to be transported by the repairer for bringing back to site.

Special Conditions for the Job

1. The job is to be done inside plant premises at the site of power plant, BPSCL, providing all categories of manpower with necessary tools & tackles and other resources like materials, etc.
2. For your workers, you have to arrange necessary gate passes against work order.
3. You have to deploy skilled manpower wherever necessary (Supervisor, Electricians, Welders, Rigger, Fitter, etc.).
4. You have strictly complied with all safety rules & regulation of BPSCL. All safety appliances of reputed make are to be provided by you for all your workers. Proper use of safety appliances, personnel protection equipment should be ensured by you. Personnel protection equipments including safety helmet, hand gloves, safety goggles, safety belt, safety shoes, etc. The list & make of safety appliances is to be approved by Safety Officer, BPSCL.
5. All the working tools & tackles, men, material, welding machine, etc., safety appliances like safety helmet, safety boots, hand gloves & personnel protection equipments, whichever applicable / needed for the job, are to be provided by you at your own cost.
6. Materials / grade to be used for rewinding jobs (to be supplied by the party):
 - a) Varnish : Dr. Beck make only;
 - b) Polyester paper / Insulation (Insulation class : F Class) : Gerware make only;
 - c) Nomax Paper (Insulation class : F Class) : Johnson & Johnson make only;
 - d) Motor lead wire : Annealed lined flexible copper conductor, silica rubber insulated glass fiber braided and varnished, of Reputed make as per approval of Engineer In Charge of BPSCL.
 - e) Bearing: SKF /FAG make only.
7. Rewinding of motors is to be done followed by reinsulating & repairing by using good quality copper wires of proper gauge, insulation papers, insulating varnish, thinner & other materials required for rewinding, good quality bearings of standard manufacturer, proper Terminal Studs (with proper nuts, bolts etc.), Terminal Block(s) & Terminal Box Cover(s) of motors, and also proper cooling fans of motors, etc. All these materials are to be arranged, supplied & transported by the repairer, as per requirement. The quality of all these materials should be proper as per guidance of engineer-in-charge.
8. Proper measuring instruments/Tools & Tackles are to be supplied by the party for executive of job as mentioned below:
 - a) Megger (500V/1000V).
 - b) Multimeter cum Tongue tester.
 - c) Soldering iron & wire.
 - d) Required spanners.
 - e) Cutter & Grinder.
 - f) Markin Cloths/Jute.
 - g) Etc.

9. The number of motor will be given in a lot or intermittently as & when required. Actual no. of motors to be given for rewinding will be as per requirement.
10. Motors are to be lifted from Power Plant site & are to be transported to the repair bay (inside the plant premises) & to be delivered back to power plant site by the repairer.
11. Total payment will be made on the basis of no. of motors (actually repaired), duly certified by the engineer-in-charge of BPSCL.
12. You have also to comply with all Labour Laws, ESI Act & EPF rules applicable in the plant area.
13. All taxes applicable will be deducted from your bills.
14. If situation demands, you have to execute the work at odd hours or round the clock as per instruction of Engineer-in-charge.
15. You have to fulfill all the statutes of labour laws and regulations.
16. Workmen Compensation Act, Payment of Bonus Act 1965, & EPF rules, etc. whatever applicable in the plant area.

17. Penalty clause:

- a. Penalty of Rs 1000/- will be charged, if delivery of any particular defective motor after rewinding / repair is delayed by more than 7 (seven) days from the stipulated time allowed by the Engineer – in – charge.
- b. **SAFETY CLAUSE** : Without prejudice to the right conferred by the clause above for stoppage of work for violation of safety requirements, you shall be liable for penalties mentioned below:
 - i. Upto Rs.5000/-by DGM (safety)/Head of safety Engg. Department /Head of the Department where work is being done for 1st violation of safety norm, non use of PPEs(Personal Protective Equipments) like safety shoes, hand gloves, safety helmets, goggles etc as per work requirements by you or your workers. This condition is applicable in case of violations of Road Safety norms also.
 - ii. Fine upto Rs. 20,000/- on 2nd Violation as mentioned in clause (i) above
 - iii. You shall be debarred for one year / deregistered from taking up further contractual work in BPSCL from the date of issue of debarring / deregistering order on 3rd violation as mentioned in clause no (i) above.
 - iv. Fine upto Rs. 10,000/- for violation in use of Full Body Harness by you or your worker for working at height (above 1.8 meter from immediate floor).
 - v. Fine Rs. 25,000/- (minimum) to Rs. 50,000/- (Maximum) for serious injuries and disabilities caused by violations as mentioned in Clause No. (i) and (iv) above.
 - vi. Independent of the above, you shall be fined Rs. 1,00,000/- (1 Lakh) or more and debarred / deregistered from taking up further contractual work in BPSCL from the date of issue of debarring / deregistering order in case any Fatal accident occurs due to violations as mentioned in Clause (i) and (iv) above.

18. **Guarantee Clause:** The vendor has to give the guarantee for workmanship and also for the quality of the winding materials, bearings & other materials used for rewinding, for a period of 06 (Six) Months of normal operation or twelve (12) months after completion of the job, whichever is earlier, for a particular motor. In case of failure of motor under normal operation within the guarantee period, the rewinding of the motor has to be redone free of cost until satisfactory performance is achieved.
19. **Safety Clause:** Without prejudice to the right conferred by the clause for stoppage of work for violation of safety requirements, contractor shall be liable for penalties mentioned below:-
1. Up to Rs. 5000/- by DGM (Safety)/ Head of Safety Engg. Department / Head of the Department where work is being done for 1st violation of safety norms, nonuse of PPEs (Personal Protective Equipments) like safety shoes, hand gloves, safety helmets, goggles, etc as per works requirements by the contractor or his workers. This condition is applicable in case of violations of Road Safety norms also.
 2. Fine up to Rs. 20,000/- on 2nd violation as mentioned in Safety Clause no. 1 above.
 3. The contractor shall be debarred for one year / deregistered from taking up further contractual work in BPSCL from the date of issue of debarring / deregistering order on 3rd violation as mentioned in Safety Clause no. 1 above.
 4. Fine up to Rs. 10,000/- for violation in use of Full Body Harness by the contractor or his workers for working at height (above 1.8 meters from immediate floor).
 5. Fine Rs. 25,000/- (Minimum) to Rs. 50,000/- (Maximum) for serious injuries and disabilities caused by violations as mentioned in Safety Clause no. 1 & 4 above.
 6. Independent of the above, contractor shall be fined Rs. 1,00,000/- (Rs. 1 Lakh) or more and debarred / deregistered from taking up further contractual work in BPSCL from the date of issue of debarring / deregistering order in case any fatal accident occurs due to violations as mentioned in Safety Clause no. 1 & 4 above.

Schedule of Quantity:

Sl. No.	Description of Item	Quantity	Rate / Motor (₹)	Amount (₹)
<i>Rewinding, Repair & Overhauling of 3 Phase 415 V LT Motor :</i>				
1.	Less than 4 KW Rating	170 Nos.		
2.	More than 4 KW & up to 11 KW Rating	65 Nos.		
3.	More than 11 KW & up to 25 KW Rating	12 Nos.		
Total				
Rupees only				

Note: Service Tax : **EXTRA** as applicable () / Not applicable. ()

(Please tick (√) the one which is applicable and cut (x) the another) In case no option is marked, price quoted will be assumed as inclusive of service tax.

Signature with seal of tenderer