

BOKARO POWER SUPPLY CO. (P) LTD.

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

**Reg. Office : Ispat Bhawan, Lodhi Road, New Delhi – 110 003
CIN:U40300DL2001PTC112074**

**TENDER NOTICE NO.: BPSCL/P&C/18-19/C-218/NIT-799/1385
Dated 15/04/2019**



TENDER DOCUMENT

NAME OF WORK: Dismantling, Complete Repair, Rewinding with new copper conductor, Heating, Drying, Testing & Commissioning of One (01) No. of 10 MVA, 11.5KV / 6.9KV Transformer.

**COST: Rs.1,180/-
(Rupees One Thousand One Hundred Eighty only)**

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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
Reg. Office : Ispat Bhawan, Lodhi Road, New Delhi – 110 003
CIN:U40300DL2001PTC112074

NOTICE INVITING TENDER

NIT No. : BPSCL/P&C/18-19/C-218/NIT-799/1385

Date: 15/04/2019

For and on behalf of BOKARO POWER SUPPLY COMPANY (P) LTD, sealed tenders in two parts, **Part - A :** Cost of Tender document & EMD, **Part - B :** Technical & Commercial Offer with copy of system generated acknowledgement-slip for online submission of sealed price are invited from the bidders meeting the eligibility and qualification criteria stipulated in the bidding documents for the following work at our Power Plant.

Description of Work	Dismantling, Complete Repair, Rewinding with new copper conductor, Heating, Drying, Testing & Commissioning of One (01) No. of 10 MVA, 11.5KV / 6.9KV Transformer.
Estimated Cost (in Indian Rs.)	Rs. 27,50,180.00 (Rupees Twenty Seven Lakhs Fifty Thousand One Hundred Eighty Only) Excluding GST.
Earnest Money (in Indian Rs.)	Rs. 15,000.00 (Rupees Fifteen Thousand) only
Cost of Tender Document (Non-refundable) (in Indian Rs.)	Rs. 1,180.00 (Rupees One Thousand One Hundred Eighty) Only <i>including GST @ 18%</i>
Period of Contract	The work order will be valid for 01 (One) year from the date of issue of work order. Delivery Period will be Six (06) months from lifting of the transformer. The defective transformer will have to be lifted within twenty (20) days after issuance of work order.
Last Date & Time of submission of Tender	17/05/2019 at 12:00 Hrs. (IST)
Bid opening Date & Time	17/05/2019 at 12:15 Hrs.

Qualifying Requirements / Eligibility Criteria :

- The bidder shall have valid ISO 9001-2008 (or latest revision) certification as on bid opening date.
- Bidder should have Minimum average annual turnover (MAT) of **Rs. 8.25 Lakhs**.
 - Average annual turnover shall be determined taking into consideration turnover of preceding three consecutive financial years. Other income shall not be considered for arriving at annual turnover.
 - Audited annual accounts along with auditor's report of the bidder should be furnished in support of the same. Where audited annual account is not mandatory as per the law, the bidder has to submit annual financial turnover during the last three (03) consecutive years, ending 31st March of the previous financial year duly certified by CA.
- Bidder should have experience of having completed **similar work** in any Public Sector Undertaking / Government / Semi Government organization or joint venture thereof / Company registered under Companies Act during last 7 years ending last day of month previous to the one in which offer are invited.
Value of such order shall be either of the following:
 - Three similar completed works each costing not less than to **Rs. 8.25 Lakhs**
OR
 - Two similar completed works each costing not less than to **Rs. 11.00 Lakhs**
OR
 - One similar completed work costing not less than to **Rs. 19.25 Lakhs**

Similar Work means:

Rewinding, Testing & Commissioning of oil filled Transformer of capacity 10 MVA or more with voltage level 11 KV or above

‘ OR ‘

Manufacturing & Commissioning of oil filled Transformer of capacity 10 MVA or more with voltage level 11 KV or above.

- Completed Work means the executed/completed portion of Work Order/AMC/RC, even if the work has not been completed in totality (subject to furnishing proof of executed value of work in the form of certified copies of RA Bills) along with successful work execution certificate (by the concerned authority etc.)

4. In support of their eligibility and experience, the bidder is required to submit self attested photo copies of work orders, completion certificates (by the concerned competent authority etc.) along with the techno-commercial bid. In addition, bidder shall submit an affidavit as per format at **Annexure-VI**.
5. The bidder shall submit self certified copies of following:
IT Return (*Latest*), Copy of PAN, EPF, ESI Certificate, Electrical contractor's license, Partnership Deed/ Affidavit for Proprietorship/ Memorandum & Articles of Association, including changes in the Constitution of the Firm,(if any) and Copy of GST registration certificate).*The bidder is also required to submit duly filled Annexure VIII.*

General Terms & Conditions:

- i) Offer shall be accompanied with Cost of the tender documents of **Rs. 1,180.00** (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.
- ii) Offer shall be accompanied with Earnest Money Deposit (EMD) of **Rs. 15,000.00 (Rupees Fifteen thousand Only)** in the shape of Demand Draft / Pay Orders / Bankers Cheque Payable at Bokaro Steel City / Bank Guarantee having validity for one (01) year, from any Nationalized Bank / Scheduled Bank except Co-operative Bank drawn in favour of **Bokaro Power Supply Company (P) Ltd.** as per format available at our website: www.bpscl.com

In case of forfeiture of EMD by BPSCL the bidder is required to re-imburse the applicable GST to BPSCL.

- iii) However, Micro & small enterprises (MSEs) / PSU /Govt. Undertakings and Co-operative societies will be exempted from submission of cost of tender document & Earnest Money as per government policy. For MSEs the exemption from paying cost of tender document & Earnest Money will be granted only on submission of valid copy of certificate having a valid Entrepreneurs Memorandum (EM) number / Udyog Adhaar Memorandum (whichever applicable). SSI/NSIC certificate holders should also submit Entrepreneurs Memorandum / Udyog Adhaar Memorandum (whichever applicable). However unit claiming exemption is required to submit copy of registration certificate indicating clearly the item category for which they are registered.
- iv) **Offers not accompanied with Cost of Tender Document (as per clause i) or Earnest Money Deposit (EMD) (as per clause ii) or documents for exemption (as per clause iii) will be treated as INVALID.**
- v) **BPSCL reserves the right to :**
- Re-tender / extend the due date of submission of offer.
 - Accept or reject any offer / all offers in full or part at any time at any stage without assigning any reasons and without any compensation thereof to the bidders.
 - Modify the tender documents at any stage before the due date of tender.

Note:

- Tender documents are to be downloaded from **Website: www.bpscl.com** only.
- Bidders are requested to visit above 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

(S Pandey)
AGM (P&C)
Tel: 8986874124
Email: purchase.bpscl@gmail.com

Conditions & Rules to be observed in submitting Tenders**1.01 Manner of Submission of the Tender**

The tender shall be divided into 02 parts as follows:-

- a) **Part A:** This part Comprises of Cost of Tender document & EMD.
- b) **Part B:** This part Comprises of Technical and Commercial details, consent on terms & conditions of NIT/ signed Tender Document along with copy of SYSTEM GENERATED **ACKNOWLEDGEMENT-SLIP FOR ONLINE SUBMISSION OF SEALED PRICE*** bid etc.

Sealed Tender *through Regd. Post/Speed Post/In-person/Courier Service* only, in an envelope containing 02 (Two) separate sealed envelopes (*as mentioned above*) with NIT No. & date of opening along with Sender's Name & Address printed on it, is to be sent to the below mentioned address:

DGM (P&C)
Bokaro Power Supply Co. (P) Ltd.
Hall No.M-01, Old ADM Building
Ispat Bhawan, Bokaro Steel City – 827001
Ph: 06452 240380, Mob: 8986874118

*** PROCESS FOR ONLINE SUBMISSION OF SEALED PRICE :**

1. Online sealed Price Bid (% above / % below/ at par) through URL : <http://www.buyjunction.in>

The process of submission of Online Price bid is as detailed hereunder-

Step 1: Type <http://www.buyjunction.in> in the internet explorer.

Step 2: Click on Login (present on Top right side of the Page)

Step 3: Click on **View Live Auctions and Tenders**.

Step 4: In the right side open/ global tenders link will be displayed.

Step 5: Click on the link for the above mentioned tender link present under Open tenders

Step 6: Click on new user if you are not registered in buyjunction earlier. Click on Existing user in-case you have already registered in buyjunction earlier. Existing users can login with their user id and password.

Please note foreign bidders are required to select their bidding currency from the drop down menu available before proceeding further (where ever applicable).

New Users:

Steps to get your **User ID** and **Password**

1. Click on the required tender link under “**Open Tenders**”
2. Choose your Auction currency in-case any option is coming to select currency. Click on “**New User**”
3. Fill up the “**Registration Form**” and click on “**Submit**”. All fields marked with (*) are mandatory fields.
4. On submitting the filled-up registration form, an auto generated email will be sent to the email address you have mentioned in the registration form containing your User ID and Password.
5. Changing of password on first login is compulsory.
6. On receipt of the User ID and Password you become an **Existing User**. Now follow the steps of existing user to login to the auction site.

Existing Users

1. Click on the required tender link under “**Open Tender**”
2. Click on “**Existing User**”.
3. Log in with your existing user id and password for placing your bid.
4. Read through the “**Bidding Procedure**” to proceed further for bidding.

Bidding Procedure

After logging in with your user id and password you have to accept the “**Auction Terms**”.

Steps to accept the “Auction terms”:

1. Click on “Auction Terms”.
2. Then click on “View term without DSC”
3. Click on the relevant auction terms appearing under “Term ”column.
4. Select the check box on the left-side of the relevant auction terms.
5. Click on the button besides “Accept”.
6. Then click on “Submit”.
7. A message will be displayed to you mentioning your acceptance to terms for auction.
8. It is mandatory to accept the terms of online bidding in order to proceed for submission of bid.

Steps to Submit Price Bid

1. Click on “Bids.”
2. Then click on “Live Auction.”
3. Put your login password as transaction password
4. Select the auction id and click on add to watch list.
5. Now the bidding screen is visible.

6a. For Template Bidding

1. Click on Icon “T” on left column of bidding screen (Which will appear separately for each lot).
2. A template form will open where you need to fill up the price & click on evaluate at the bottom
3. If you want to quote the evaluated price then click on “confirm”.
4. After clicking on the confirm button of the template window, your price will appear in the “New Bid” box.

6b. For Non-Template Bidding

1. Fill your Price in the “New Bid Box” visible on the bidding screen.
2. Select the check box at the extreme left of the bidding screen
3. Click on “Submit” button placed at the bottom left of the screen.
4. Bid once placed will have to be honoured.
5. You will see “Bid Accepted” in the “Result” column. This indicates that your bid is accepted and registered in the system.

Steps to take a print-out of the receipt

1. Once you have placed your bid, to download Bid Receipt, kindly click on “Download”.
2. Then click on “Bid Receipt for Open Tender”.
3. Select the auction to generate receipt.
4. Take print out of the same market-wise (Term List)/ item-wise (Auction list).

Note: For any clarification on the bidding process please contact

Mr. Anjan Buda- 9163348263- anjan.buda@mjunction.in

Mr. Manish Nandwana _ 9163348165_ manish.nandwana@mjunction.in

Ms. Monalisa Shaw _ 9163348297_ monalisa.shaw@mjunction.in

Mr. Anshu Verma – 8873002772 - anshu.verma@mjunction.in

Mr. Mukesh Kumar Singh- 8873002741 – mukesh.singh@mjunction } for Bokaro Office

A copy of System generated **acknowledgement-slip** for Online submission of sealed price bid is to be submitted along with Techno-commercial Bid.

1.02 Tender Validity Period

Validity of the offer shall be **Four (04) months** from the bid opening date. In case of extension of "Bid submission Date", the validity will be counted from the extended bid opening date.

1.03 General Instructions:

- i) Bidder will quote price in any of the three options given below:

Percentage ABOVE against LOT value on overall basis for all items (Estimated Cost)

OR

Percentage BELOW against LOT value on overall basis for all items (Estimated Cost)

OR

Percentage AT PAR against LOT value on overall basis for all items (Estimated Cost)

- a) If the bidder does not quote price in terms of percentage/ at par or quotes against more than one option, their offer will be summarily rejected.
 - b) The overall quoted “PERCENTAGE” shall be **uniformly applicable** for each item on the displayed rates of the tender schedule/ price bid.
 - c) In the tender schedule at the place where the bidder has to quote PERCENTAGE, ‘**above**’ will mean mathematically **positive** and ‘**below**’ will mean **negative**.
 - d) The Lowest-1 (L-1) Bidder will be the one whose PERCENTAGE is mathematically lowest and all other Bidders will be ranked/termed as Lowest-2 (L-2), Lowest-3 (L-3) and so on, in the increasing order of PERCENTAGE quoted by them.
- ii) Tenderer’s are requested to visit site for actual assessment of the job before submission of their offer.
 - iii) Tenderer shall clearly indicate that their prices are firm in all respect till execution of the work order.
 - iv) **Any conditional offer or offer having deviations is liable to be rejected.**
 - v) You have to submit Tender document bearing your signature and seal on all the pages along with Techno-Commercial Offer / consent on NIT’s Terms & Condition otherwise, it will be presumed that you do not accept our terms and conditions and this may lead to rejection of your offer forfeiting your claims if any.
Bidders are advised to mention page no. on each page of documents submitted by them. BPSCL shall not bear any responsibility in case of any reported loss of documents submitted by the bidder during tender opening or thereafter.
 - vi) 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.
 - vii) Price or any indication of price shall **NOT** be mentioned in the Techno-Commercial Bid.
 - viii) The sealed tenders received will be opened on scheduled opening date and time in the office of Purchase & Contract, in presence of such bidders who might choose to witness the same
 - ix) If name of the bidder is not mentioned on the envelope, it may be considered as unsolicited and processed as per P&WP in vogue.
 - x) 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.
 - xi) Communication regarding date of Opening of Price-Bid shall be displayed on the Notice board of Purchase & Contract and individual communication to the techno-commercially eligible bidders will be sent only to their e-mail address given in tender documents.
 - xii) Offers from two or more bidders shall summarily be rejected if they have any of the following parameters common:
 - a) Same PAN
 - b) Same GST Number
 - c) Same Postal address
 - d) Same E-mail ID
 - e) Same Mobile number
 - f) Same person signing in more than one offer/representing more than one bidder.
 - xiii) BPSCL reserves the right either to reject any/all the tenders without assigning any reason thereof.

GENERAL TERMS AND CONDITIONS

- 1.01 You will have to follow and observe the safety & statutory requirements.
- 1.02 You will have to fully responsible for any sort of unsafe activity of your workmen. All working personnel should have proper safety certificates issued by BPSCL before start of work.
- 1.03 Bidder will produce medical fitness certificate for his workers. Height passes to be obtained from safety department, if required.
- 1.04 Supervision of the work has to be carried out by the agency.
- 1.05 Work is to be carried out as per instruction & satisfaction of the Engineer-In-Charge.
- 1.06 In case of any documents/information submitted by the bidder(s) found to be false or containing any misrepresentation or having any fraudulent declaration in it then in such eventuality EMD will be forfeited and legal action (including cancellation of contract, banning of business dealing, criminal proceedings etc.) as deemed fit may be initiated by BPSCL against the bidder.
- 1.07 If any tenderer withdraws his bid after opening of bids without giving any satisfactory and acceptable explanation thereof, the tenderer shall be disqualified for making any tender of BPSCL for a minimum period of six months and the Earnest Money will be forfeited.

1.08 **Payment Terms :**

90 % of contract value will be paid on successful commissioning of Transformer duly certified by Engineer In-Charge and balance 10% will be retained as security deposit which will be released after completion of guarantee period.

The expression satisfactory execution of the order shall mean fulfillment of all obligation arising out of and in connection with the contract. In case of default in satisfactory execution of the order the security deposit shall be forfeited.

Amount of penalty and/or Liquidated Damages imposed (if any) will be recovered from Bill / Security Deposit. If the amount of Bill / Security Deposit is not sufficient, the bidder will be required to pay the balance amount to BPSCL. If the bidder doesn't pay the balance amount, the same 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.

- 1.09 You will have to strictly adhere to the provision of various labour laws including payment of bonus Act 1965.
- 1.10 You will have to pay Rs.4/- extra to the working persons as per BPSCL rules above minimum wage of one day.
- 1.11 The manpower (labour and Supervisor) deployed for completion of the job and for compliance of work & safety of the workmen should be adequate. However the compliance and completion of the job cannot be restricted to labour supply but on the actual execution of the job.
- 1.12 Paying authority –In - charge (F&A), BPSCL.
- 1.13 By accepting the order you are understood to have accepted to all responsibilities for completing the work in all respect.

1.14 **GST Related Clauses :**

- a. All bidders should quote GST as extra. If not mentioned, same will be taken as extra.
- b. Bidders have to submit their GSTIN registration details to BPSCL along with supporting documents.

1.	GSTIN	
2.	Service Accounting Code No.	
3.	Applicable GST Rate	
	CGST (in %)	
	SGST (in %)	
	IGST (in %)	

- c. Bidder would pass on the tax benefit/savings, if any, on account of output taxes to BPSCL.

- d. Bidder shall agree to do all things not limited to providing GST invoices or other documentation as per GST Law relating to the above Services, payment of taxes, timely filing of valid statutory returns for the tax period on the Goods and Service Tax Portal etc. that may be necessary to match the invoice on GSTN common portal and enable BPSCL to claim input tax credit in relation to any GST payable under this agreement or in respect of any part under this agreement.
- e. In case the Input Tax Credit of GST is denied or demand is recovered from BPSCL on account of any non-compliance by the Supplier/ Contractor, including non-payment of GST charged and recovered, the Supplier/ Contractor shall indemnify BPSCL in respect of all claims of tax, penalty and/or interest, loss, damage, costs, expenses and liability that may arise due to such non-compliance. Further, in case of any differential tax liability on account of any wrong classification/valuation etc. by the vendor, BPSCL will not be liable to reimburse any part of such differential tax, interest, penalty etc. It will be the sole responsibility of the vendor to discharge appropriate taxes, as applicable.
- f. Supplier/ Contractor shall maintain high GST compliance rating track record at any given point of time.

1.15 **Work accident :**

- a. You will be responsible for the safety of the workers employed by you. In the event of any work-accident, major or minor, you/your representative must take care of the injured person immediately and provide him the required treatment as suggested by the doctor. If you/your representative are not available for medical care, the injured worker will be treated in Bokaro General Hospital and the cost of treatment will be recovered from you.
- b. You shall be fully responsible for making payment of compensation to your workmen or to those of your sub-contractor in respect of any accident or injury occurring to them. BPSCL will in no way be responsible for it and will remain indemnified against all such claims of compensation in such cases

1.16 **SUBMISSION OF PERFORMANCE GUARANTEE BOND FOR QUOTING UNWORKABLE RATE:**

If a tenderer quotes unworkable rates i.e. if the quoted price is less than **75%** of the estimated price and is considered for placement of order, the party will be asked to justify the rate quoted. On non acceptance of justification / refusal of the same, the tenderer will be asked to furnish Performance Guarantee Bond (in addition to the Security Deposit) in the form of **Bank Draft/Bank Guarantee**. The amount of Performance Guarantee Bond will be equal to the difference between **75%** of estimated price and quoted price of the tenderer. Earnest Money of the tenderers who refuse to give Performance Guarantee Bond will be forfeited and they will not be considered for taking participation in any kind of Tender for next Six (06) months from the date of issue of letter to the Defaulter Firm, if order / contract is not finalised from the present tender.

In case of forfeiture of Performance Guarantee Bond the contractor is required to re-imburse the applicable GST to BPSCL.

1.17 **AWA CLAUSE:** The contractor shall have to pay an amount of Rs 96.15 per day on actual attendance per month (not exceeding Rs 2500/month) to the worker engaged for this job as additional welfare amenity (AWA) as per relevant circular/notification of BPSCL and you are requested to include the amount against AWA in your quoted rate, submit the offer accordingly.

1.18 **RATE FINALIZATION:** BPSCL reserves the right to finalize the rate through either of the following modes:

1. Opening of Online Price (*submitted on www.buyjunction.in*) submitted at the time of techno-commercial bid.
2. Through Reverse Auction to be conducted by our service provider **M/s. mjunction**.
3. Where it is decided not to conduct the RA, the techno-commercially accepted bidders may be asked to submit decrement in percentage (%) on their price submitted at the time of techno-commercial bid. In this case – On line price bid and % decrement shall be considered together to finalize the rate.

1.19 **FORCE MAJEURE :** Bidder 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 without imposition of Liquidated Damages at the option of owner.

- 1.20 **Banning of Business Dealings:** On arising any situation or occurrence of any event as mentioned in Clause 6 of the Guidelines on Banning of Business Dealings, the tenderer/bidder or supplier under the tendering process or contract with BPSCL, as the case may be, shall be liable for action under and in accordance with the aforementioned Guidelines. The “Guidelines on Banning of Business Dealings” shall form part of the Tender/Contract.
- 1.21 **Handling of Earnest Money:**
- Earnest Money will be refunded to the un-successful tenderer after finalisation of tender and no interest will be paid for the same. Bidders are requested to provide Bank Details for refund of EMD.
 - The amount of Earnest money may be adjusted against Security Deposit only in case of successful Tenderer.
- 1.22 **RISK AND COST:** Failure on Contractor’s part to start the work within reasonable time/ the progress of the job is poor/ for any breach of contract will entail termination of the Contract. In such an event, the job will be executed at the risk and cost of the Contractor by alternative arrangements.
- 1.23 **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 the order in case any Fatal accident occurs due to violations as mentioned in Clause (i) and (iv) above.

Note: In case penalty is imposed then the successful bidder has to re-imburse the applicable GST to BPSCL

Scope of Work:

1. Draining out of Transformer-Oil at BPSCL site and storing in container(s) provided by BPSCL.
2. Inspection of the Railway-tracks and making them fit for moving of the transformer over it.
3. Shifting of the transformer to the place of loading.
4. Removing the mountings and accessories of the transformer for safe transportation to the place of repair.
5. Loading the transformer, removed mountings and accessories (*in properly packed condition*), on a trailer of suitable size. *Mobile cranes for loading of the transformer on the trailer will be provided by BPSCL free of cost.*
6. Transporting the transformer and removed mountings & accessories to the place of repair and unloading there safely.
7. Carrying out routine testing of the transformer in presence of BPSCL representative to assess the condition of the transformer before starting of the repair work.
8. Dismantling of the transformer.
9. Un-tanking of core and winding of transformer.
10. Carrying out a thorough joint inspection, along with Representative of BPSCL, of the dismantled and un-tanked transformer to find out any surprise element of repair or replacement work which is not covered under the scope of work listed here.
11. Cleaning of tank, conservator, radiator, pipe, explosion vent and all other associated parts and painting by the recommended grade quality paint.
12. Painting of inside of transformer tank is to be done with Zink-chromate paint or air dry varnish which should be of suitable grade resistant to transformer-oil.
13. Painting of outside surfaces of transformer and parts by super gloss enamel paint of smoke grey colour of weather-resistant grade.
14. Repairing of all the valves (*drainage, sampling & filtration valves*), including Butter-fly valves and air-release plugs, oil-level indicators, etc. and replacement of same, if required.
15. Dismantling of core and removal of windings.
16. Preparation of data pertaining to windings and core as per original design.
17. Dismantling of transformer core.
18. Cleaning, re-insulation of all laminations and subsequent re-assembly of core.
19. Changing of core insulation and re-insulation of core bolts.
20. New insulating materials (*such as varnish-coated paper, backelized paper tubes and spacing strips of electrical press board, etc.*) shall be used while doing re-insulation of core lamination and core bolts and doing re-assembly of core.
21. Manufacturing of set of new coils (both HV & LV) with New Copper Conductors and new insulations of proper grade as per standard norms (relevant IS norms) suitable for normal rated voltages of 11.5 KV on HV side & 6.9 KV on LV side (at power frequency).
22. Replacing both HV & LV old windings of transformer with newly manufactured coils, as per above clauses, with the data as per original design.
23. New insulating materials (such as, backelized paper cylinder, cable paper, bonded electrical press board & taffeta tape, etc.) shall be used while doing rewinding of the transformer.
24. Drying, varnishing and curing of HV /LV coils.
25. Placing the coils properly with respect to the core and doing assembly of the core.
26. Varnishing and curing of the transformer windings.
27. Maintenance, repairing, testing, checking of operation & checking of contacts (proper making of contacts with perfect spring pressure) at all positions of tap changer(s). Modification of Tap changer(s), if required.
28. Repairing of both the Buchholz relays.
29. Calibration, testing and fitting of WTI and OTI along with accessories.
30. Boxing up of the transformer with new gaskets and oil seals. All the oil-seals and gaskets of HV & LV bushings, Tap-changer, Radiators, associated pipe-lines, Valves, Inspection-covers, Inner-chambers, Temperature-sensing pockets, Oil-level indicators and Tank-cover, etc. are to be replaced with new ones.

31. Replacement of old silica-gel by new silica-gel in the Breather units.
32. Filling up tested new transformer oil of EHV grade (as per IS-335, 1993, or its latest amendment) in the transformer and doing hot oil circulation with the help of an oil-filtration machine until desired IR / PI is achieved.
33. Carrying out the following checks for:
 - i. Buchholz relays-‘Low oil level’ and ‘Tripping’ signals
 - ii. Oil level in conservator –‘Low oil level’ signal
 - iii. Oil and winding temp. Indicators-‘Temp. is high’ and ‘Tripping’ signals.
34. Testing of the transformer as per the list given below: - (In presence of Representative of BPSCL).
 - i. High voltage test at mains frequency for one minute as per norms.
 - ii. Measurement of IR / PI before and after HV test.
 - iii. Voltage ratio test at all taps.
 - iv. Vector group test.
 - v. Magnetic balance test.
 - vi. Short circuit test.
 - vii. Measurement of DC resistance of windings.
 - viii. Tan Delta test.
 - ix. Magnetizing current test.
 - x. BDV test of transformer oil.
35. Transporting back the repaired transformer, along with dismantled parts & accessories, packed properly, to BPSCL Power Plant site and unloading at a suitable safe place on rail-tracks in the Transformer yard, or on the foundation of suitable transformer (as directed by the engineer in-charge of BPSCL). Mobile cranes will be provided by BPSCL free of cost for unloading of the transformer.
36. Putting back all the earlier removed mountings and accessories on the repaired transformer after doing their proper inspection, maintenance and cleaning.
37. Carry out testing of the repaired Transformer at the site. Lists of tests to be carried out, will be same as above done earlier at the place of repair.
38. Topping-up new tested transformer oil in the transformer to attain the required level in the conservator.
39. Carrying out hot oil circulation in the transformer, if required, with the help of an oil-filtration machine till the required values of IR / PI achieved.
40. Checking all points of seepage and leakage of oil from the transformer and rectifying the defects, if any, at all points.
41. Releasing air from all vents of the transformer including all the radiators, Buchholz Relays, etc.
42. Erection & connection of the repaired transformer at the place of other suitable transformer as per instruction of engineer-in-charge, BPSCL.
43. Testing, commissioning of the repaired transformer at the place of other suitable transformer as per instruction of engineer-in-charge, BPSCL.
44. Charging of the transformer from HV side.
45. Checking of phase-sequence and ensuring parallel operation of the newly installed transformer with the existing system of the station (including reserve transformers) on LV side.
46. Cleaning of the area around the above commissioned transformer.
47. To ensure operational healthiness of the transformer, it will be put on normal load under normal power frequency voltage and kept under observation for one week. After satisfactory operation of the transformer under normal operating conditions, the commissioning work will be considered completed.
48. Submission of detailed reports of the entire job including ‘Test Reports’.

SPECIAL TERMS & CONDITIONS:

1. The contractor shall perform the subject work in accordance with the guidelines contained in the work order and the instructions of the Engineer in-charge keeping in mind the technical specifications & latest IS codes of practice.
2. All incidental items of work not shown or specified but reasonably implied and found to be necessary for successful completion of the work shall be deemed to be included in the scope of work at no extra cost to BPSCL.
3. In case of any dispute concerning the work, the decision of the BPSCL will be final and binding.
4. The contractor has to arrange required gate passes for man and material and perform the job safely as per the availability of the shutdown of required equipment(s) and hence, there will be no consideration for idling of manpower and material.
5. The price shall be inclusive of all costs, implicit and explicit, to be incurred by the contractor (like tools and tackles, instruments, machines, labour, special services & all sorts of repair-materials & other resources needed for carrying out a successful execution of the total job, etc).
6. Supervision of the work on site on daily basis shall have to be carried out by the contractor's supervisor. The contractor and the supervisor will be fully responsible for any unsafe, indecent, illegal incidents caused by his employees.
7. **Supply of new Transformer-Oil :**
 - i. Required quantity of new transformer-oil (EHV grade, as per IS 335, 1993, or its latest amendment) needed to completely fill up the transformer along with cooling plants & tap-changers, will be supplied by the contractor. The required quantity of oil is given in the detailed specification of the transformer.
 - ii. For convenience of transport after repair, parts like conservators, cooling plants, etc., may be dispatched in detached & empty condition. New transformer-oil in separate new sealed drums should be dispatched to the BPSCL site, so that the total dispatched quantity of new transformer-oil is exactly equal to the total quantity given in the detailed specification of the transformer. After assembling all the detached parts at the site of BPSCL, the total quantity of New Transformer Oil is to be filled in the transformer to make it ready for operation.
8. Shifting of the transformer from its present position to the place of loading and again after repair from the place of un-loading to the place of installation or storage, will be done by the contractor.
9. Loading and un-loading activities of the transformer on and from the trailer at BPSCL site as well as at the place of repair will be done by the contractor.
10. Cost of all the above activities will be borne by the contractor.
11. **Facilities to be provided by BPSCL at BPSCL site:**
 - Store area
 - Crane facility
 - Oil filtration machine
 - 3- phase 415V and 1-phase 230V power.
 - Gases for welding
 - Compressed Air
 - Drinking water
12. Contractor will have to arrange for :- (i) 'Challan', 'Material out-pass', 'Photo Gate-pass', etc., required for entry / exit of materials or working personnel inside the plant premises; (ii) 'Vehicle pass' and 'Stay Pass', etc., for any vehicle used by the working personnel, along with the driver / helper of the vehicle(s); (iii) 'Permission for working in Sundays / Holidays & during night hours', etc, needed for round the clock work inside the plant premises; (iv) any other Passes, etc, needed for successful execution of the job; after fulfilling the formalities as laid down by the Bokaro Steel Plant Authorities as well as CISF Authorities.
13. As the area of work is sensitive with respect to safety hazards, contractor must take proper 'Permission to work' (work-permit), shutdown clearance and follow the instructions of the Engineer in-charge, BPSCL, before commencement of the work

14. All the load handling & lifting equipment like slings, ropes, D-shackles, Hook-chook, etc. being used by the contractor must be properly tested before use, and necessary safe usability certificates must be obtained from competent authority.
15. The contractor will have to comply with all the terms and conditions without any deviation and exclusion as described in tender document.
16. After the transformer has been shifted to the premises of the contractor, a thorough inspection of the dismantled and un-tanked transformer will be done there jointly by the representative, BPSCL, and contractor representative, to find out any surprise element of repair or replacement work which is not covered in the scope of work. During such a joint inspection, if physical inspection and /or test results reveal any such **surprise element of extra work**, the same will be specified in detail, quantified & noted in the MOM / Report of the joint inspection. The contractor will have to quote for the extra work not covered in the original scope, with proper justification of the quoted price, and seek approval of the extra work to be done at a mutually agreed price. The additional job (*not covered in the original scope*) shall be taken up by the contractor only after due approval of the same by BPSCL.
17. Normally there will be no exclusion from the detailed scope of work, unless specifically decided and noted in the MOM / Report of the joint inspection, with justifications, whereupon payment of the cost corresponding to the excluded portion of work will not be made.
18. The contractor will have to employ a supervisor having electrical supervisory competency certificate.
19. To facilitate the repaired transformer to be installed and commissioned in place of other transformer, as directed by engineer-in-charge, BPSCL, the contractor is required to ensure the following:
 - (a) Proper connection after proper alignment with the existing HT buses /cables;
 - (b) Proper connection after proper alignment with the existing LT Buses/ cables.
20. Dismantled parts of the transformer will have to be kept under the custody of the contractor at their work shop and BPSCL premises ensuring perfect cleanliness, proper cover & protection. Safety against theft and pilferage of all such dismantled parts, coming under the job-jurisdiction, will be the responsibility of the contractor.
21. **Workmanship Guarantee**: There shall be a guarantee against poor repair or use of improper materials during repair for a period of 18 months from the date of delivery or 12 months from the date of commissioning of the repaired/overhauled transformer, whichever occurring earlier. Any defect noticed under normal operation during the guarantee period will be rectified by the contractor at no extra cost.
22. All the scraps resulting from repair-work will be retained by the contractor.
23. The contractor should clearly specify the total (lump sum) scrap value of the copper of the old conductor of the windings, and deduct the same from the total value of supplied materials in the quoted price.
24. Old transformer-oil coming out from the transformer under repair will be retained by the BPSCL. The contractor has to drain Insulating oil, store in container(s) (provided by BPSCL) and hand over to Engineer in-charge before lifting the Transformer.
25. Contractor will have to submit a Bank Guarantee of **Rs. 25.00 Lakh**, before lifting of the transformer and BG shall be valid up to return of repaired transformer with its all accessories at BPSCL side.
26. The work should not suffer in any way due to absence of any sort of infrastructural facilities, arrangements, materials, equipment, etc, at the place of repair for repairing and testing, where the transformer will be taken for carrying out the subject repair.
27. **Inspection** :
 - a. Inspection call shall be given by the contractor to BPSCL after satisfactory completion of all the repair jobs.
 - b. After the reworking of the transformer, the representative of BPSCL will visit the premises of the contractor to inspect all the aspects of the repair job including all the 'Tests' as mentioned under the head 'Scope of work', which will be carried out by the contractor at the place of repair in his presence. The representative of BPSCL will certify the test-results to be acceptable as per norms & will give dispatch clearance for the repaired transformer.
 - c. Any approval which the representative of BPSCL may give in respect of the tests carried out at the place of repair not be considered valid if, on conducting the same tests at BPSCL site, the test-results are not found to be alright as per norms. In such a case, it will be the responsibility of the contractor to take corrective actions and again conduct the corresponding tests at BPSCL site to have satisfactory test results as per standard norms. Otherwise, the work will not be considered as complete.

- d. BPSCL shall have the option to send their representative to visit the place of repair to inspect and assess the progress of the repair activities going on the transformer at any stage of repair.
28. Contractor will be solely and exclusively responsible for the safety and security of the transformer during transportation to and from the plant site and during working at their own premises. Hence, sufficient precautions are to be taken by the contractor to protect the transformer against any type of theft, damage or deterioration due to carelessness, accident, adverse weather condition, etc.
29. During heating, filtration and handling of the transformer-oil, safety norms are to be strictly followed by the contractor to avoid any fire-hazard or equipment- damage due to overheating or oil-spillage.
30. While carrying out transformer-heating and oil-filtration job, the oil filtration machine is to be manned by the skilled and experienced persons round the clock.
31. The contractor will have to submit the following 'Reports' to Engineer in-charge/BPSCL after completion of the repair work:-
- 'Repair & Test' report(s) of the defective transformer.
 - 'Installation & Commissioning' report(s) of the repaired transformer.
 - 'Test report(s)' of new transformer-oil, to be filled up in the repaired transformer at the place of repair.
32. If the work is delayed beyond the Delivery period, LD @ ½ % of the contractual value of the delayed portion of job per week of delay, subject to a maximum limit of 5% of the entire contractual value will be recovered.
33. **Penalty Clause:** If any part(s) or whole of the transformer is damaged or lost due to negligence of handling or improper / unsafe working or custody of the contractor, the same part(s) is (are) to be replaced by contractor at no extra cost. If such part(s) or whole is (are) not replaced by contractor, same will be done by BPSCL, the cost of the same will be recovered from the contractor.

PRICE BID/ RA FORMAT

Special Instruction –

1. In the event of a L1 Bidder backing out prior to placement of order, in addition to forfeiture of EMD the bidder shall be suspended for a period of six months from the date of issue of suspension order
2. **Price Basis L1 bidder will be decided on lowest Landed Cost excluding GST Basis.**

Sl. No.	Description of work	Qty*	Estimated Cost (Excluding GST) (Rs.)	To be Quoted by Bidder
1.	Dismantling, Complete Repair, Rewinding with new copper conductor, Heating, Drying, Testing & Commissioning of One (01) No. of 10 MVA, 11.5KV / 6.9KV Transformer (As per scope of work)	As mentioned below	27,50,180.00	Online Price Bid (percentage ABOVE/ BELOW/ AT PAR with respect to Estimated cost excluding GST) to be submitted through URL : http://www.buyjunction.in

1. Goods & Service Tax: EXTRA as applicable
2. The overall quoted “PERCENTAGE” shall be **uniformly applicable** for each item on the displayed rates of schedule mentioned below.

Schedule of Rate			
Sl.no.	Description of work	Qty.*	Amount (Rs.)
A. SUPPLY OF SERVICE			
1	Drain-out the insulating oil from Transformer and store in container provide by BPSCL. Disconnection & shifting of transformer	01 No. of Transformer	75,681.82
2	Loading & unloading of transformer.		66,681.82
3	To & fro transportation of transformer.		1,38,681.82
4	Overhauling, Repairing & Re-winding of transformer (both on HV & LV sides) with New Insulation of core & New Copper Conductor of winding, the insulation class of the new insulation being suitable for 11.5 KV on HV side & 6.9 KV on LV side of the transformer, by supplying all the required materials.		18,82,431.82
5	Oil filling, Hot oil circulation and drying out of transformer (heating, gas drying & vacuum drying).		1,61,181.82
6	Testing of transformer as per list of tests.		66,681.82
7	Painting of transformer (inside & outside).		53,181.82
8	Installation & erection of the overhauled & repaired transformer.		39,681.82
9	Charging & Commissioning of the overhauled / repaired transformer after matching its phase sequence with that of the existing systems.		57,681.82
10	Keeping the loaded transformer under observation and rectifying the detected defects.		30,681.82
11	Submission of detailed Report of Jobs executed & Test results.		30,681.82
Sub-Total PART-A			26,03,250.00
B. SUPPLY OF MATERIAL			
1	New transformer oil of EHV grade, as per IS-335, 1993, or its latest amendment.	9530 Ltr.*	7,71,930.00
Sub-Total PART-B			7,71,930.00
C: Less : Cost of Scrap Value of old copper			6,25,000.00
Estimated COST (A + B - C)			27,50,180.00

* Quantity of oil of main tank + cooling plant for one transformer.

Signature with seal of tenderer

Notarized Affidavit

I.....son/daughter of Shri Aged..... years
resident ofPS.....District.....State.....do
hereby solemnly affirm that:

1. I am the authorized representative and signatory of M/s.....
(name of the firm/company).
2. All document(s) submitted/ information provided by M/s.....
alongwith the
Bid Document submitted against Tender No.....
.....dated
- for.....
.....(
Name of work) has/have been submitted under my knowledge and are authentic , genuine and true. No
part of the document(s) / information is false, forged or fabricated.
3. No part of this affidavit is false and that this affidavit and the above declaration in respect of genuineness
of the documents/ information has been made having full knowledge of provisions of bidding conditions
which entitle the Owner/BPSCL to initiate action in the event of such declaration turning out to be a
false.
4. I undertake to produce all documents in original for verification as and when asked for the same by
BPSCL.
5. I depose accordingly.

Solemnly affirmed & declared before me by Deponent(s) who is/are identified by	The declaration made hereinabove are true to the best of our knowledge, information and belief signed atOn..... Deponent(s)
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ANNEXURE - VII

CHECKLIST TO BE FILLED BY BIDDER EXCEPT REMARKS:- All documents which are required for fulfillment of the qualifying requirement/ Eligibility criteria are to be submitted along with tender in serial order (clearly mention page no.) and the tenderer must fill the checklist.

CHECKLIST OF DOCUMENT SUBMITTED BY TENDERER

Sl. No.	Document	Page No.	Remarks by BPSCL
1.	Work Order		
2.	Completion Certificate		
3.	Partnership/ Proprietor		
4.	PAN		
5.	EPF		
6.	ESIC		
7.	Latest ITR		
8.	* GSTIN		
9.	Turnover/ PL Sheet		
*If the agency is not under the preview of GST then please write Not applicable (N.A.).			
Total numbers of pages in Techno-commercial Bid			

Signature of tenderer with seal

(To be submitted on bidder's Letter Head)

Format for Acceptance of General Terms & Conditions, Commercial Terms and all other Terms of the Reverse Auction

We _____ (Contractor Name) having

PAN _____ & registered office at _____ (Address)

agree to all the Commercial, General & other Terms & Conditions listed in the

NIT No. _____ dated _____

for the work of _____

(Name of work) through Reverse Auction.

We confirm that we are in a position to do the job as per the scope of work given in NIT/RFQ. We agree to participate in the Reverse Auction and abide by the rules.

We nominate an executive, whose details are given below, to put the bids on our behalf.

The details of the person authorized to bid on our behalf is as follows.

Name & Designation :

E-mail ID :

Contact phone nos. :

Address :

(Signature & Seal)

Place :

Date :

Format for submitting last quoted prices*(To be submitted on Company Letter Head of the Bidder)***(To be sent within 30 mins of conclusion of the Reverse Auction)**

To,

mjunction services limited
 1st Floor, Tata Centre
 43, Jawaharlal Nehru Road
 Kolkata – 700 071

Fax: 033 – 2288 3279**Ref: Reverse Auction forfor Bokaro Power Supply Co. (P) Ltd. held on**

Reference above, we hereby confirm our Market wise last quoted prices in the Reverse Auction held on forfor Bokaro Power Supply Co. (P) Ltd., Bokaro Steel City.

Market No.	Last Quoted Price
	<i>To be submitted by the L-1 Bidder only after finalization of RA</i>

We also confirm that we will submit item wise price break-up, within two working days from the date of Reverse Auction.

Signature :

Name :

Designation :

Date :

ENVIRONMENT, HEALTH AND SAFETY**EHS (Environment, Health and Safety) Clause for contracts where overall site is under BPSCL control****Bidder's Responsibilities**

The contractor shall during the entire term of contract undertake to perform the following obligations relating to environment, health and safety:-

1. Ensure that your workforce is not exposed to asbestos or asbestos containing atmosphere.
2. Take suitable control measures to ensure that the workers are protected from dust emission.
3. Monitor and ensure that the working area is free from any toxic gas, vapour and fume. Take adequate measures to reduce level of concentration below permissible limit. Exposure to any particular toxic gas, vapour or fume shall not exceed the maximum permissible limit prescribed in local regulation for any particular period of time. Ensure adequate ventilation and no immediate danger to life and health of personnel working at site.
4. Ensure that there is no flammable atmosphere and uncontrolled fire hazard in and around the work place. In case it is required to work in flammable atmosphere, implement safe working procedure and suitable control measures in order to work safely.
5. Ensure that the workers are protected from excessive noise and heat. Take adequate measures to reduce noise/heat level below the permissible limit.
6. Ensure safe access and egress in and around work place. Ensure proper maintenance of Platforms, staircases, ramps etc. Special care and all safety measures should be taken while working at height. Roof work and access to roofs must not be undertaken without prior permit.
7. All Personal Protection Equipments supplied by the bidder should be of internationally recognized standards. All tools and tackles bought by the contractor for use during the contract period should have proper and valid certification by competent authority.
8. All lifting equipments, tools and accessories provided by BPSCL should be maintained and returned back in sound condition after the completion of contract period.
9. Ensure that the illumination in and around workplace and access areas are maintained properly. Make sure to switch off the light, fan and air conditioners after use.
10. The bidder must ensure that all machinery and equipments are provided with earth fault circuit breakers at all times when using electrical leads. Use of electrical tape for temporary repair is prohibited.
11. Guards and covers for equipments/machineries are to be provided where ever necessary.
12. Gas cylinders shall be securely stored, transported, identified and used in line with legislation and EHS requirements.
13. Fire extinguishers and other fire fighting equipments provided in different locations should never be misused.
14. Bidder must ensure optimum use of water with minimum wastage.
15. Contractor shall also ensure that the work area is kept clean, tidy, & free from debris. The Bidder is also fully responsible for protection of ground and underground from pollution.
16. Identify and highlight potential hazards / risks existing.
17. Ensure suitable corrective actions are implemented for identified issues.
18. Provide adequate emergency and first-aid facilities and it should be available in all shifts.
19. All workers should be trained and communicated about the onsite emergency and evacuation plan.
20. All equipments and plant should be maintained in safe condition.
21. The Bidder and their Personnel admitted to site must conduct themselves in an orderly and safe manner and conform at all times to the EHS Requirements. Fighting, engaging in horseplay, being under the influence of or possessing alcohol or drugs, gambling, soliciting, stealing, immoral or otherwise undesirable conduct is not permitted and shall not be tolerated. Upon knowledge of such conduct, BPSCL shall exclude the concerned person from the site and take all other appropriate measures as deemed necessary. BPSCL reserves the right to perform random drug and alcohol tests.
22. The Bidder shall immediately notify BPSCL of any environmental incident, injury, illness, near-miss, unsafe condition or practice and any loss or damage to property, including incidents related to the Bidder Personnel. An investigation report assessing the root cause, corrective action, and preventative action shall be submitted by the Contractor to BPSCL within 24-hours of the incident's occurrence.