

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/MM/19-20/C-175/NIT-875/898

Dated 03/04/2020



TENDER DOCUMENT

NAME OF WORK: Annual Maintenance Contract for Electrics of Coal Handling Plant and Furnace Oil station, including Unit #9 CHP system, and cleaning of Electrical Substations, Panels, etc. in the above areas.

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

NOTICE INVITING TENDER

NIT No. : BPSCL/MM/19-20/C-175/NIT-875/898

Date: 03/04/2020

For and on behalf of BOKARO POWER SUPPLY COMPANY (P) LTD, sealed tenders in two parts, **Part - A** : Earnest Money Deposit (EMD), and **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 qualifying criteria stipulated in the bidding documents for the following work at our Power Plant.

Description of Work	Annual Maintenance Contract for Electrics of Coal Handling Plant and Furnace Oil station, including Unit #9 CHP system, and cleaning of Electrical Substations, Panels, etc. in the above areas.
Estimated Cost (in Indian Rs.)	Rs.42,53,710.00 (Rupees Forty Two Lakh Fifty Three Thousand Seven Hundred Ten Only), excluding GST.
Earnest Money (in Indian Rs.)	Rs. 15,000.00 (Rupees Fifteen Thousand only)
Period of Contract	One (01) Year from the date of commencement of work.
Last Date & Time of submission of Tender	01/05/2020 at 12:00 Hrs. (IST)
Bid opening Date & Time	01/05/2020 at 12:15 Hrs.

Qualifying Requirements / Eligibility Criteria :

- Bidder should have Minimum average annual turnover (MAT) of **Rs. 12.76 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** as a principal contractor in India 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. 12.76 Lakhs**
OR
 - Two similar completed works each costing not less than to **Rs. 17.01 Lakhs**
OR
 - One similar completed work costing not less than to **Rs. 29.77 Lakhs**

Similar Work means: Work Order(s) which include(s) the job of maintenance of HT / LT Motors or Transformers & Switchgears.

 - 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)
- 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) along with the techno-commercial bid. In addition, bidder shall submit a self declaration as per format at **Annexure-VI**

4. Credential of a bidder having experience as a Sub-contractor for supplying only manpower will not be considered.
5. The bidder shall submit self certified copies of the following:
IT Return (*Latest*), Copy of PAN, EPF, ESI Certificate, Valid Electrical license OR Proof of application for renewal of the same, 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 Earnest Money Deposit (EMD) in the form of Demand Draft / Pay Orders / Bankers Cheque payable at Bokaro Steel City or Bank Guarantee having validity of one (01) year, from any Nationalized Bank / Scheduled Bank except Co-operative Bank & Gramin Bank, drawn in favour of **Bokaro Power Supply Company (P) Ltd.** as per format available at our website: www.bpscl.com. Earnest Money can also be deposited online in our account through NEFT / RTGS / SWIFT / TT remittance, details of which are given below. The proof of such transfer shall be submitted with the offer in the envelope titled "Earnest Money Deposit".

Banker Details as under:

Name of Bank	:	UCO Bank
Branch Name	:	Bokaro Steel City
Bank Account No.	:	02430201002084
IFSC Code	:	UCBA0000243
Bank A/c Type	:	Current Account

In case of forfeiture of EMD by BPSCL, you shall be required to re-imburse the applicable GST to BPSCL.

- ii) However, Micro & Small Enterprises (MSEs) / PSU /Govt. Undertakings and Co-operative societies will be exempted from submission of Earnest Money as per government policy. For MSEs, the exemption from submitting 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.
- iii) **Offers not accompanied with Earnest Money Deposit (EMD) (as per clause i) or documents for exemption (as per clause ii) will be treated as INVALID.**
- iv) **Consortium bids will not be considered unless the provision for consortium is specifically mentioned in Tender Document.**
- v) **BPSCL reserves the right to :**
 - a) Re-tender / extend the due date of submission of offer.
 - b) 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.
 - c) Modify the tender documents at any stage before the due date of tender.

Note:

1. Tender documents are to be downloaded from **Website: www.bpscl.com** only.
2. 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

(V Agrawal)
Chief GM (MM)
Tel: 8986874118
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 shall comprise of EMD / proof of online submission of EMD.
- b) **Part B:** This part shall comprise 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:

Chief GM (MM)
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) 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. Kaushik Roy _ 9836447044 _ Roy.Kaushik@mjunction.in

Ms. Debalina Maity _ 8336991451 _ Maity.Debalina@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) You shall have to quote price in any of the two options given below:

Percentage ABOVE with respect to Total Estimated Cost excluding GST
OR

Percentage BELOW with respect to Total Estimated Cost excluding GST

- a) If you do not quote price in terms of percentage or quote in more than one option, your offer will be rejected.
- b) In the tender schedule at the place where you have to quote PERCENTAGE, ‘**above**’ will mean mathematically **positive** and ‘**below**’ will mean **negative**.

- c) 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) You are requested to visit site for actual assessment of the job before submitting your offer.
- iii) You shall clearly indicate that your prices shall remain firm in all respects 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.
- You are advised to mention page no. on each page of the documents submitted by you. BPSCL shall not bear any responsibility in case of any loss of documents submitted by you during tender opening or thereafter.
- vi) If you are a Firm or Company, then you 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 Material Management Department, in presence of such bidders who might choose to witness the same
- ix) 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.
- x) Communication regarding date of opening of Price-Bid shall be displayed on the Notice Board of Material Management Department and individual communication to the techno-commercially eligible bidders will be sent only to their e-mail addresses given in tender documents.
- xi) 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.
- xii) 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 be 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 You will have to produce medical fitness certificate for your workers. Height passes shall be obtained from Safety department, if required.
- 1.04 Supervision of the work shall be your responsibility.
- 1.05 Work is to be carried out as per instruction & satisfaction of the Engineer-In-Charge.
- 1.06 In case any documents/information submitted by you is / are 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 dealings, criminal proceedings, etc.), as deemed fit, may be initiated by BPSCL against you.
- 1.07 If you withdraw your bid after opening of bids without giving any satisfactory and acceptable explanation thereof, you shall be debarred from participating in any tender of BPSCL for a minimum period of 01 (one) year and your Earnest Money will be forfeited.
- 1.08 **Payment Terms :**
90% of contract value will be paid on pro-rata basis duly certified by Engineer In-Charge and balance 10% will be retained as security deposit which will be released after satisfactory execution of the work.
The expression satisfactory execution of the order shall mean fulfillment of all obligations 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, you will be required to pay the balance amount to BPSCL. If you do not pay the balance amount, the same shall be deducted from any sum or sums which may be due or may become due to you from BPSCL on any account whatsoever.
- 1.09 You will have to strictly adhere to the provisions of various labour laws including Payment of Bonus Act 1965.
- 1.10 You will have to pay an additional amount of Rs.4/- per day to every worker engaged by you for the subject work over and above their daily minimum wages, as per BPSCL rules.
- 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 to be certified by the Engineer – In – charge.
- 1.12 Paying authority –In - charge (F&A), BPSCL.
- 1.13 **GST Related Clauses :**
- a. You shall have to quote GST as extra. If not mentioned, same will be taken as extra.
 - b. You shall have to submit your 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. You shall have to pass on the tax benefit/savings, if any, on account of output taxes to BPSCL.
- d. You 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 you, including non-payment of GST charged and recovered, you 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 you, BPSCL will not be liable to reimburse any part of such differential tax, interest, penalty etc. It will be your sole responsibility to discharge appropriate taxes, as applicable.
- f. You shall maintain high GST compliance rating track record at any given point of time.

1.14 **Work accident :**

- a. You will be responsible for the safety of your workers employed for the work. In the event of any work-accident, major or minor, you or your representative must take care of the injured person immediately and provide him the required treatment as suggested by the doctor. If you or your representative is not available for arranging 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

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

In case you quote unworkable rates, i.e. if the quoted price is less than **90%** of the estimated price and is considered for placement of order, you will be asked to justify the rate quoted. On non acceptance of justification / refusal of the same, you 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 **90%** of estimated price and your quoted price. In case you refuse to give Performance Guarantee Bond, Earnest money will be forfeited and you will not be considered for participating in any kind of Tender for next 01 (one) year from the date of issue of letter to you, if order / contract is not finalised from the present tender.

In case of forfeiture of Performance Guarantee Bond, you shall be required to re-imburse the applicable GST to BPSCL.

1.16 **AWA CLAUSE:** You shall have to pay an amount of Rs 96.15 per day on actual attendance per month (not exceeding Rs 2500/month) to the workers engaged by you in this job as Additional Welfare Amenity (AWA) as per relevant circular/notification of BPSCL. You may include the amount against AWA in your quoted rate and submit the offer accordingly.

1.17 **FORCE MAJEURE:** You shall not be considered in default if delay occurs due to reasons beyond your 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 cause, 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.

1.18 **Banning of Business Dealings:** On arising of any situation or occurrence of any event as mentioned in Clause 6 of the Guidelines on Banning of Business Dealings, you 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 and can be viewed on our website www.bpscl.com

1.19 **Handling of Earnest Money:**

- Earnest Money will be refunded to the un-successful bidder after determination of L1 Bidder and no interest will be paid upon the same. You 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 Bidder.

1.20 **RISK AND COST:** Failure on your part to start the work within reasonable time / poor progress of job / any breach of contract will entail termination of the Contract. In such an event, the job will be executed at your risk and cost by alternate arrangements.

- 1.21 **SAFETY CLAUSE:** You shall be liable for penalties mentioned below for non compliance of safety norms.
- i. Upto Rs. 5000/-by Head of Safety Engg. department /Head of the department where work is being done for 1st violation of safety norms, 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 / deregistered from taking up further contractual work in BPSCL for a period of one year 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 workers for working at height (above 1.8 meter from immediate floor).
 - v. Fine of 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/- 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.

Note: In case penalty is imposed, you shall be required to re-imburse the applicable GST to BPSCL

- 1.22 **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.
- 1.23 **VDA Clause:** During operation of the contract, if there is an upward revision of minimum wage/VDA by the appropriate Government, you shall be entitled to reimbursement of such additional amount (*wherever applicable*) on actual basis subject to production of documentary evidence. The base date shall be Bid Opening Date or RA Date or Revised Offer Date (in case of negotiated prices) whichever is later.

Scope of work:**Part-A: (Electrical Running Maintenance for whole CHP & FOS area)**

1. To ensure healthiness of all the drives/ electrical equipment in CHP& FOS round the clock on all days including Sundays & holidays in order to run the plant smoothly. Any complaint of malfunctioning of drives/ electrical equipment by MCB Shift-in-charge must be rectified promptly.
2. Recording of all electrical problems and defects for both CHP & FOS and informing promptly to MCB Shift in-charge/Engineer-in-charge.
3. To ensure the healthiness of dust extraction system in all electrical substations and MCC rooms in all three shifts on regular basis.
4. Running maintenance to be done for all type of electrical equipment as per requirement to run the plant smoothly by deploying suitable technical personnel with at least two years' experience of maintenance of such equipment.
5. Monitoring and recording of electrical parameters installed in CHP areas daily and conveying the abnormalities if any to the MCB Shift in-charge/Engineer-in-charge promptly.

PART-B (Preventive & Breakdown Electrical Maintenance)

1. **Preventive Maintenance:** Carrying out preventive maintenance of various electrical equipment as per schedule. Developing the preventive maintenance schedule for all the electrical equipment/electrical drives of CHP & FOS and get the same examined by BPSCL Engineer- in-charge for implementation. The preventive maintenance list of installed electrical equipment and their required schedule maintenance is as follows.

Area	Name	Location	Installed Qty. (Nos)	Schedule of Medium Repair / Year (on reasonable interval)	Schedule of Preventive Maintenance (on reasonable interval)
CHP	HT Motor	Crusher	03	Once	Once/week
	LT Motor	Wagon Tippler	02	Twice	Once/week
		Pusher Car	02	Twice	Once/week
		Conveyors& VFs	65	Twice	Twice/month
		Cranes& Telphers	08	Twice	Once/month
FOS	LT Motor	MOP	08	Twice	Once/month
		Transfer Pump	05	Twice	Once/month
		Pit Pump	06	Twice	Once/month
CHP	MCC	Sections & PDB	18	Twice	Nil
FOS	MCC	Sections	04	Twice	Nil
	LT Motor (portable)	For de-watering& miscellaneous purpose	06	Twice	Once/month

2. **Replacement and Minor Maintenance of LT Motors:-**

Disconnection of power and control cables (after proper marking), disconnection of earthing strips, removal of motor from the foundation, bringing to zero meter for repair if required and again back to the place of installation after repair, greasing etc. Replacement of bearings, coupling of motors, if required. Placing of healthy motor on the foundation and alignment of motor with the mechanism. Lugging of cable ends and reconnection of power and control cables as per the drawing. Checking the healthiness of O/L relays, pull chord switches, power contactors and their replacement if needed. Checking the overall healthiness of power and control circuit of the motors and ensure their availability.

Trial run in de-coupled and coupled condition as per the instruction of EIC. *(The above work must be carried out by a team of experienced technical personnel of electrical back ground).*

3. **Replacement of HT Motors:**
Disconnection of power cables, earthing strip, after ensuring proper isolation. Removal of motor from the foundation, bringing to zero meter. Placing of healthy motor on the foundation and alignment of motor with the mechanism. Re-connection of cables at both ends and ensuring overall healthiness of power and control circuit.
Trial run in decoupled and coupled condition and correct the DOR, if required. *(The above work must be carried out by a team of technical personnel who have experience in working in 6.6KV equipment).*
4. **Breakdown Maintenance** of MCCs, motors, contactors, fuses, replacement/repair of defective parts totally/partially has to be rectified on emergency basis.
5. **Magnetic Separator:** Tightness checking, cleaning, contactors cleaning, replacement of defective parts/ total replacement, if required.
6. **Conveyors:** Power and control circuit checking & rectification of faults, replacement of control & power cables, O/L relays, fuses & base if required, replacement of motors, maintenance of pull cord ropes & switches and their replacement, etc.
 - Ensuring healthiness & functioning of all the conveyors and proper illumination of conveyor gallery for uninterrupted feeding of coal to different boilers.
7. **Pusher Car:** Power and control circuit checking, contactors cleaning, replacement of worn out parts, carbon brush and brush holder, resistance boxes checking, replacement of holders, pantograph checking / adjustment/ replacement. Changing of brushes, limit switch checking/ replacement, maintenance of overhead lines, tightening of overhead conductors, if required Spare motor readiness should be ensured. Painting of Trolley Line Towers.
8. **Wagon Tippler:** Power and control circuit checking, cleaning of contactors and panels, checking of slip ring, carbon brushes and holders, checking of rotor circuit, resistance boxes, rotary limit switches, and alignment with the mechanism & limit setting as per the requirement, repair/ replacement of defective parts/ equipment. Spare motor's readiness should be ensured.
Wagon Tippler, Pusher Car and Belt Feeders of Wagon Tippler are very vital equipment of CHP and directly involve unloading of coal wagons. So you must ensure the smooth functioning of Pusher car, Wagon Tippler and Belt feeders during unloading of coal wagons must be rectified promptly.
9. **EOT Cranes & Telfers:** Cleaning, greasing and oiling to be done periodically, healthiness of brake and limit switches should be ensured, power and control circuit should be kept healthy. Tightness to be checked. Trolley line and current collector should be checked. Availability of all EOT cranes and telfers should be ensured.
10. **Battery Chargers:** You have to carry out periodical maintenance of Battery chargers installed in 82T & 83T S/S and ensure their healthiness. Replacement/ repairing of defective parts of the chargers, associated control and power cables (both AC & DC) will be done by you.
11. **Maintenance of Main Oil Pumps, Transfer Pumps, Unloading Pumps,** Drain pumps (fixed & portable) to be done and their availability to be ensured. Defective parts / equipment to be replaced. You must ensure smooth functioning of unloading pumps during unloading of oil tankers.
12. **Area Lighting:** Maintenance of area lighting of CHP& FOS to be done and defective parts to be repaired/ replaced if required. Routine cleaning and maintenance of MCCBs, LDBs, all lighting panels of the area including replacement of fittings, bulbs, igniters, chokes, tube lights, burnt switches to be done. Repair/ replacement of cables, providing additional light at the places of works in CHP & FOS including railway tracks. Maintenance of supply for welding machines, providing supply for portable pumps and other works connected with area lighting. You have to ensure power supply and functioning of submersible/dewatering pumps in various substations, MCC rooms, conveyor tail ends and furnace oil station particularly during rainy season.
13. **Belt Feeders and Vibro-Feeders:** Power and control circuit checking of Belt feeders of wagon tippler and silo system, maintenance of VFD panels, replacement of drives of VFD panels, if required, control & power cable replacement, maintenance of vibro feeders of crushers, SF₁, SF₂, and SF₃. Replacement of fuses and its base if required. Replacement of motor and proper alignment with the mechanism.

Since all the above equipment are parts of coal feeding system of CHP, you must ensure the healthiness and functioning of the above system.

14. Any other maintenance work connected to the subject Electrical works which seems to be necessary for various drives, of CHP & FOS including Unit#9 for the smooth running of the plant.

PART-C: (Cleaning of Electrical Substations & Panels under CHP & FOS area.)

Maintenance and cleaning of all electrical substations, panels and various electrical equipment of CHP & FOS of BPSCL. These are described as below:

1. Sweeping all floors of the various substations like 81T substations, 82T substations, 83T substations, Wagon tippler substations, OLC Control Room, MCC-1 & MCC-2 of Unit#9 of CHP.
2. Cleaning of windows glass panes. Removal of cob-webs.
3. Cleaning and brooming cable galleries & cable.
4. Cleaning of all equipment like motor of Crusher, Vibro- feeder, Wagon Tippler, Pusher car, Pusher car cabin, Belt feeder panel, EOT crane panel, battery charger panel and various MCC panel in CHP & FOS by vacuum cleaner, blowing the dust from the top & foundation of equipment & then cleaning the equipment & panel with dried cloths to make them dust free. .

Note: All above points of scope of work will also be applicable to whole conveyor system for Unit#9.

SPECIAL TERMS & CONDITIONS:

1. For attending the job, you shall have to provide required manpower with necessary tools & tackles.
2. **Minimum Indicative manpower to be deployed:** Three (03) Nos. Supervisor (Non-Diploma), Seven (07) Nos. Skilled workers (Electrician), Seven (07) Nos. Un-Skilled Worker (05 Helper & 02 Panel & Sub Station Cleaner) on daily basis for 365 Days.
3. All working personnel should have proper medical fitness certificates issued by registered Doctor before start of work.
4. You will have to engage experienced manpower to look after the electrical maintenance of CHP & FOS. Preferably all skilled workers will be experienced in electrical field.
5. As the area of work is highly sensitive with respect to safety hazards, you must take proper work permit, shutdown clearance & other instructions from Engineer-in-charge daily before starting the work.
6. You should mobilize your team to attend the major/minor breakdown immediately and rectify the same within a stipulated time according to the nature of breakdown to run the plant smoothly.
7. You shall have to ensure that your worker/supervisor maintain proper discipline.
8. BPSCL will supply free of cost following items (as per requirement).
 - a) Water and Electricity.
 - b) Cranes, hydra, truck etc.
 - c) All consumable items necessary for maintenance job.
9. The portion of the job planned to be completed within a particular time frame of a particular day as directed by the Engineer-In-Charge of BPSCL, should not be delayed beyond the stipulated time schedule.
10. Industrial waste & all types of scraps generated by the job are to be removed by you to the dumping area as directed by the Engineer-in-charge.
11. The supervision & execution of all jobs and the safety of workmen will solely be your responsibility. BPSCL will not be responsible in any way in case of any violation of safety or statutory rules or any illegal / unworthy incident, major or minor, caused by the workmen employed by you.
12. Sub-letting of the contract is not allowed.
13. **Penalty Clause**

Sl.	Cases	Penalty Amount (Rs.)
01	For supply of less manpower (as per Clause # 2 of Special Terms & Conditions).	A penalty of Rs. 100/- (Rupees One Hundred Only) per man-day will be imposed in addition to the deduction of existing BPSCL Wage Rate (Estimated Rate) for different categories of manpower as on BOD/RA Date/Revised Price Date (in case of negotiated price).
02	Any Breakdown of Electrical Equipment at CHP/FOS area arising due to poor workmanship on part of the working personnel.	Rs. 5000/- (Rupees Five Thousand Only) for occurrence of each case

PRICE BID/ RA FORMAT

Special Instruction –

1. *In the event of L1 Bidder backing out prior to placement of order, in addition to forfeiture of EMD, the bidder shall be suspended for a period of 01 (one) year from the date of issue of suspension order.*
2. **Price Basis: L1 bidder will be decided on mathematically lowest percentage.**

Sl. No.	Description of Job	Duration	Total Estimated Cost (excluding GST)	To be quoted by Bidder
1.	AMC Job of Electricals at CHP & FOS area including unit #9 and cleaning of electrical substations, panels, etc. (As per Scope of work)	12 Months	Rs. 42,53,710.00 (Rupees Forty Two Lakh Fifty Three Thousand Seven Hundred Ten Only) Excluding GST.	Online Price Bid (% above / % below with respect to Total Estimated Cost excluding GST) through URL : http://www.buyjunction.in

Note:

1. Goods & Service Tax: EXTRA as applicable

Signature with seal of tenderer

Self Declaration

I.....son/daughter of Shri Aged.....
years

resident ofPS.....District.....State.....do
hereby declare 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. 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.

(Name & Signature of Authorized person):.....

Designation:.....

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.	EPF		
5.	ESIC		
6.	Latest ITR		
7.	* GSTIN		
8.	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****Your Responsibilities**

You 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 you should be of internationally recognized standards. All tools and tackles bought by you for use during the contract period should have proper and valid certification by competent authority.
8. All lifting equipment, tools and accessories provided by BPSCL should be maintained and returned by you 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. You must ensure that all machinery and equipment 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 equipment/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. You must ensure optimum use of water with minimum wastage.
15. You shall ensure that the work area is kept clean, tidy, & free from debris. You are 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 your 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. You and your 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. You 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 your personnel. An investigation report assessing the root cause, corrective action, and preventative action shall be submitted by to BPSCL within 24-hours of the incident's occurrence.