

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-130/NIT-772/5262
Dated 09/11/2018**



TENDER DOCUMENT

**NAME OF WORK: Maintenance of Illumination & Enabling Facilities of
Various Areas of TPP/ CPP.**

**COST: Rs.1180/-
(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 Bhawan, Bokaro Steel City – 827001

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

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NOTICE INVITING TENDER

NIT No. : BPSCL/P&C/18-19/C-130/NIT-772/5262

Date: 09/11/2018

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	Maintenance of Illumination & Enabling Facilities of Various Areas of TPP/CPP
Estimated Cost (in Indian Rs.)	Rs.25,74,112.00 (Rupees Twenty Five Lakhs Seventy Four Thousand One Hundred Twelve 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. 1180.00 (Rupees One Thousand One Hundred Eighty) Only including GST @ 18%
Period of Contract	(01) One Year from the date of commencement of work. <i>However the contract period may be extended for another one (01) year, subject to mutual consent and based on the satisfactory performance during contract period on the same rate, terms and conditions.</i>
Last Date & Time of submission of Tender	07/12/2018 at 12:00 Hrs. (IST)
Bid opening Date & Time	07/12/2018 at 12:15 Hrs.

Qualifying Requirements / Eligibility Criteria :

1. **Financial Capability :**

Bidder should have Minimum average annual turnover (MAT) of **Rs. 7.72 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.

2. **Technical Capability :**

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:

- a. Three similar completed works each costing not less than to **Rs. 7.72 Lakhs**
OR
- b. Two similar completed works each costing not less than to **Rs. 10.29 Lakhs**
OR
- c. One similar completed work costing not less than to **Rs. 18.00 Lakhs**

Similar Work means: Work done in the field of Maintenance or Operation job of Electrical Equipment's or System.

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.)

3. 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**.

4. The bidder shall submit self certified copies of following:
IT Return (*Latest*), Copy of PAN, EPF, Valid Electrical License and ESI Certificate, 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. 1180.00** (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

(V Agrawal)
DGM (P&C)
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 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 (**Landed Cost Excluding GST**) 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) Tenderer’s are requested to visit site for actual assessment of the job before submission of their offer.
- ii) Tenderer shall clearly indicate that their prices are firm in all respect till execution of the work order.
- iii) **Any conditional offer or offer having deviations is liable to be rejected.**
- iv) 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.

- v) 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.
- vi) The tender rates shall be written in English, both in words and figures. In case of any discrepancy between the words & figures of the rates quoted, the rates expressed in words shall be taken as correct. In case of discrepancy in the Unit Rate and Amount, Unit Rate will govern.
- 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 the 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 pro-rata basis duly certified by Engineer In-Charge and balance 10% will be retained as security deposit which will be released after 06 months of satisfactory execution of work.

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 Security Deposit. If the amount of 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 to be certified by the Engineer – In – charge.
- 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.
- 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 the approved lower limit 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 approved lower limit 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 by you in 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**A. Maintenance of Illumination & other Enabling Facilities of WCTP Areas of TPP & CPP:**

1. Complete maintenance of lighting fixtures of 70W, 125W, 250W, 400W HPMV / HPSV Lamps, including replacement of lamps, chokes, igniters, complete fittings, parts thereof, connection, disconnection, earthing, attending various defects of these & associated power points, electric circuit, etc.
2. Complete maintenance of lighting fixtures of 100W, 200W, 300W, 500W incandescent lamps, including replacement of lamps, holders, complete fittings, parts thereof, connection, disconnection, earthing, attending various defects of these & associated power points, electric circuit, etc.
3. Complete maintenance of lighting fixtures of 40W, 20W fluorescent tube lamps, including replacement of lamps, holders, chokes, igniters, starter, complete fittings, parts thereof, connection, disconnection, earthing, attending various defects of these & associated power points, electric circuit, etc.
4. Complete maintenance of 220V & 24V socket supply system including replacement of switch, socket, cabling, connection, disconnection, earthing, attending various defects of these & associated power points, etc.
5. Complete maintenance of welding supply posts including repair / replacement of switches, cables, connection, disconnection, earthing, attending various defects of these & associated power points, etc.
6. Complete maintenance of air conditioner supply posts including repair / replacement of switches, cables, connection, disconnection, earthing, attending various defects of these & associated power points, etc.
7. Complete maintenance of various types of LT power & control cables associated with lighting & other LT enabling facilities, attending various defects of these.
8. Provision of LT power supply to various enabling facilities like compressors, grinding machines, and other minor machines, including provision of additional illumination, and additional 220V / 24V socket points, and their connection, disconnection, earthing, attending various defects of these & associated power points, electric circuit, etc. during various Preventive Maintenance, M/R, C/R or Breakdown Repair jobs of Electrical or Mechanical Departments in WCTP, TPP & CPP. Complete maintenance of exhaust fans, man cooler fans, air blowers, pedestal fans etc., their connection, disconnection, earthing, attending various defects of these & associated power points, electric circuit, etc.

B. Maintenance of Illumination System & Enabling Facilities of Areas of Turbine 1, 2, 3 & 6, 7, 8 of Power Plant:

1. Regular inspection, monitoring, repair & maintenance of 70W, 250W & 400W HPSV / 125W, 250W, HPMV / 100W, 200W, 300W incandescent lamp fittings comprising of replacement of defective parts like bulb, choke, igniter, whole set, etc, connection, disconnection, cable termination, earthing, dismantling, re-assembling, testing, etc. complete, including shifting of materials.
2. Regular inspection, monitoring, repair & maintenance of 24V & 220V socket system throughout turbines 1,2,3 & 6,7,8 including repair replacement of switch, socket, cable termination, earthing, testing, etc, complete, including shifting of materials.
3. Regular inspection, monitoring, repair & maintenance of welding posts comprising of fabrication / repair of supporting stand for switches and welding post shade, repair / replacement of switches, maintenance, connection, disconnection of cables, earthing, testing, etc. complete, including shifting of materials.
4. Regular inspection, monitoring, repair & maintenance of lighting distribution boards, comprising of repair / rectification / replacement of MCBs, ICTPNs, MCCBs, Maintenance of cable, termination and disconnection of cable, earthing, testing, etc. complete, including shifting of materials.
5. Regular inspection, monitoring, repair & maintenance of Highway lighting fixtures comprising of repair / replacement of fixture bracket, repair / replacement of fitting, bulb, choke, igniter, cable connection, disconnection, earthing, testing, etc. complete, including shifting of materials.
6. Regular inspection, checking, dressing, clamping, tagging & marking of highway fitting cable of size 4 x 6 / 4 x 16/4 x 10mm² armored, clamping, dressing etc. complete, including shifting of materials.
7. Regular inspection, monitoring, repair & maintenance of highway lighting Junction Box. Comprising of repair/ replacement of Junction Box, cable, cable connection, testing, etc. complete, including shifting of materials.
8. Regular inspection, checking, dressing, clamping, tagging & marking of cables at (-) level, +0 Mtr, +8 Mtr of TG 1,2,3 & 6,7,8, of size 3 ½ x 120mm² / 3 ½ x 150mm² and size 4 x 16mm² / 4 x 6mm² armoured, including shifting of materials.

9. Regular inspection, checking, monitoring, testing & marking of GI Pipe of 40mm & 80mm dia, including shifting of materials.
10. Provision of Power supply to various enabling facilities like welding machines, grinder machines, winch machine and other machines. Providing additional illumination wherever required & provision of additional 220 V, 24 V Hand lamps & socket points, earthing, connection, disconnection, shifting of materials, etc, (During various Preventive Maintenance works, Medium Repair works & Breakdown Repair works of TG 1,2,3 & 6,7,8).

C. Maintenance of Lighting of Control Rooms, MCC Rooms, 11KV, 6.6KV & LT Switchgear Halls, Site Offices & Welfare Building No. 1 & 2, and Lighting Cables, Trays & Racks of Boilers of Power Plant.

1. Maintenance of complete illumination systems, devices, fixtures & 24V / 220V Socket supply systems, together with emergency lighting (including regular inspection, monitoring, cleaning, replacement of fused lamps, defective chokes, starters, holders, complete fittings, fault-finding, defect rectification, maintenance of wiring, switches, distribution boards, or other illumination devices, minor modification including necessary connection / disconnection of wires, marking, dressing, tagging, proper earthing etc, pertaining to control rooms of TPP & CPP:
 - (i) MCB or ECR-I (ii) ECR-II (iii) GCB-I (iv) GCB-II (v) UCR-I; (vi) UCR-II.
2. Maintenance of complete illumination systems, devices, fixtures & 24V / 220V Socket supply systems (including regular inspection, monitoring, cleaning, replacement of fused lamps, defective chokes, starters, holders, complete fittings, fault-finding, defect rectification, maintenance of wiring, switches, distribution boards, or other illumination devices, minor modification including necessary connection / disconnection of wires, marking, dressing, tagging, proper earthing etc., pertaining to:
 - (a) All MCC rooms of TPP & CPP in TG Hall.
 - (b) 11KV switchgear halls of TPP & CPP.
 - (c) 6.6KV switchgear halls of TPP & CPP.
 - (d) LT S/G rooms of TPP & CPP in TG Hall.
 - (e) Stair cases of control rooms of MCB, ECR-II.
 - (f) Stair case to Conveyor-4 gallery of TPP.
 - (g) Stair cases of welfare building No. 1 & 2.
 - (h) Site offices of TPP & CPP of Lighting maintenance post; Telephone panel room; Truck / Crane / Jeep operators' room; and Boiler maintenance post at ground floor of TPP.
 - (i) Instrumentation panel rooms of TPP & CPP in TG Hall.
 - (j) Air Conditioning cooling pump room over MCB of TPP.
 - (k) Electrical Work Shop & Motor Room of TPP.
 - (l) Electrical Stores 1 & 2.
 - (m) Battery Room & Charger Room of TPP & CPP.
 - (n) Welfare Building No. 1, 2, of power plant, including GM's chamber & conference room, all officers' rooms, stair cases, passages, corridors, bathrooms, etc.
 - (o) Main Canteen in Welfare building No – 2.
 - (p) New Canteen Shed beside WCTP- I.
 - (q) Main stores of BPSCL.
3. Maintenance of cables, trays and racks of 8 M, 10 M, & 13 M levels of all Boilers of TPP & CPP including cleaning of industrial waste, dust, etc, and dressing, clamping, tagging, etc.

D. Maintenance of Tower Lights, Road Lights & Area Lights of Power Plant:

1. Complete maintenance of tower lights of switchyard, railway track & other tower lights in CHP area, comprising of replacement of lamp, chokes, igniters, complete sets connection, disconnection, etc.
2. Complete maintenance of switches including repair /replacement of defective switches at the bottom of towers of tower lights (of CHP & switch yard) including connection, disconnection, checking, etc.
3. Complete maintenance of cables & termination (including replacement of damaged cables, lugs, etc, if required) from source point to tower switch & from tower switch to fitting at top of tower.
 - (a) Cable Size: 4 x 16sq. mm.
 - (b) Cable Size: 4 x 25 sq. mm.
4. Complete maintenance of distribution boards at the top of towers (wherever available) including repair /replacement of defective parts, fixing, connection, disconnection, etc.
5. Maintenance of cables (including replacement of damaged cables, if required) along / across the road for tubular lighting pole fittings.

6. Complete maintenance of road light fittings of tubular poles, straight poles and their junction boxes and accessories inside, repair / replacement of defective parts of fixtures, chokes, tubes, igniter, etc. & electric circuit connection, disconnection, earthing, etc.
7. Complete maintenance of area light fixtures (comprising of areas adjacent to Welfare Building, TG Hall-TPP, Electrical Stores, MCB, including Transformer Yard & Stair case between TPP & CPP) and electric circuit connection, disconnection, earthing, rectification of faults, repair /replacement of defective parts of fitting, lamp, choke, igniter, etc. (250 / 400 W HPSV / HPMV fittings)
8. Complete maintenance of 70 W HPSV area light fittings including electric circuit connection, disconnection, earthing, rectification of faults, replacement of defective lamp, choke, igniter, etc.

E. Maintenance of Welding Machines of TPP & CPP:

Maintenance of Welding MG sets, or, Welding Transformer sets of TPP & CPP (belonging to BPSCL, of which the details are given in Schedule of Quantity):-

- (a) Regular inspection, monitoring & testing.
- (b) Preventive maintenance, on regular basis.
- (c) Complete overhauling including dismantling, cleaning, greasing, tightening, alignment checking, fixing, reinstalling, whenever needed, and as applicable to welding MG sets, or, Transformers.
- (d) Break down maintenance, whenever needed.
- (e) Repairing of defective parts, if any.
- (f) Replacement of damaged parts, if any.
- (g) Strengthening /Replacing damaged electrical insulation of transformers, motors, generators of welding sets.
- (h) Commissioning & trial run of re-assembled / overhauled old machines / sets.
- (i) Fault finding of electrical circuit & defect rectification.
- (j) All other aspects of proper maintenance ensuring smooth trouble-free operation of Welding Machines / Sets of TPP & CPP.
- (k) Shifting of welding machines / sets from site to workshop for repair, and vice versa for commissioning after repair / maintenance.

F. Maintenance of Illumination & Enabling Facilities of Boilers 1 to 5:

1. Complete maintenance of 70W, 250W & 400W,HPSV / 125W, 250W HPMV / 100W, 200W, 300W incandescent lamp fittings comprising of replacement of defective lamps, chokes, igniters, complete sets, cable termination, disconnection, attending various defects of these & associated power points, electric circuits, etc.
2. Complete maintenance of lighting supply distribution boards, miniature circuit breakers and switches (three phase & single phase), from 100 Amp to 5 Amp ratings, comprising of repair / rectification / replacement of switches, connection, disconnection of cables, attending various defects of these & associated power points, electric circuits, etc.
3. Complete maintenance of welding points comprising of fabrication / repair of supporting stand for switches, repair / replacement of switches, connection /disconnection of cables, attending various defects of these & associated power points, electric circuits, etc.
4. Complete maintenance of power lighting cables, proper dressing & clamping of cables including relaying of damaged / burnt cables.
 - (a) 4 x 6 sq. mm. / 4 x 10 sq. mm. armoured cables.
 - (b) 3 ½ x 70 sq. mm armoured cables.
 - (c) 3 ½ x 120 sq. mm armoured cables.
5. Complete maintenance of 24V & 220V socket system throughout the boilers 1 to 5 including repair / replacement of switches, sockets, cables, termination, disconnection, attending various defects of these & associated power points, etc.
6. Provision of power supply to grinding machines, compressors, & other machines facilities and provision of additional 220V, 24V hand lamps & socket points, including connection, disconnection, earthing, etc., complete, during minor repairs like preventive maintenance, medium repairs, capital repairs and breakdown repair works anywhere in boiler 1 to 5 areas.
7. Shifting of all materials required for the job, like light fixtures, transformers, MCB's, cables, etc., to the site, and back to stores for safe keeping after use.
8. Marking of the supply points (LDB's) for illumination, 220V, 24V socket points, welding posts, power points for permanently connected enabling facilities, associated cables, etc., for easy identification.

SPECIAL TERMS & CONDITIONS:

1. The area of work is highly sensitive with respect to safety hazards, since there is a danger of harmful gas leakage, the relevant boilers being gas fired (by both BF & CO Gas). No working personnel should be exposed to unsafe level of gas leakage. Also there is a fire hazard due to dust leakage, and there should not be any case of fire due to dust accumulation on the cables. The various fittings, JBs, PDBs, supply sockets, cables, should be regularly & persistently cleaned and there should not be any sparking or loose connections anywhere in the system. The successful bidder must ensure perfect workmanship, precaution, and must take proper work permit, shutdown clearance and other instructions from Engineer-In-Charge, daily before starting the work.
2. Contractor have to provide the resources like men, materials like working tools and tackles, welding machine, safety helmets, safety boots, hand gloves, and other safety appliances of general & special type.
3. BPSCL will provide spares like lamps, cables, contactors and chokes etc., required for the job.
4. Any defects in the electrical systems covered in the scope of work are to be traced, rectified & normalized by the company within the time frame assigned by the engineer-in-charge of BPSCL.
5. Replacement / repair of defective parts are to be done by the contractor & re-assembling is also to be done so as to normalize the affected devices promptly.
6. 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.
7. Industrial waste & all types of scraps generated by the job are to be removed by the successful bidder to the dumping ground as directed by the engineer-in-charge.
8. The supervision & execution of all jobs and the safety of workmen will solely be the responsibility of the bidding agency. 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 the successful bidder.
9. Workmen may have to be detained beyond normal working hours, or may have to be called at odd hours as per the requirement of the work & demand of the engineer-in-charge of BPSCL.
10. **Minimum indicative manpower to be deployed:** one (01) non diploma Supervisor, eight (08) skilled & four (04) un-skilled workers on daily basis, except weekly rest days.
11. Contractor has to pay his workmen as per circular/notification published by the State Government in regard to rates of payment of VDA in vogue. Nevertheless should there be any enhancement / increase in the rates of VDA circulated and notified by the State Government thereafter the VDA shall be reimbursed (*wherever applicable*) to them subject to production / submission of authenticated certification of the actual payment to the actual workmen deployed for the work under contract and certified by the agency as per the wages in the contract. **The base date shall be the Bid opening date / RA date / Revised offer date (in case of negotiated prices).**
12. During contract period there will be no consideration of idle & escalation charges.
13. **Guarantee Clause:** Workmanship of any particular portion of the job should be guaranteed for six (06) months after completion of the job. If any defect arises any where in the scope of the completed job, within the guarantee period under normal operational conditions, then the contractor has to redo the same job, at no extra cost.
14. **PENALTY CLAUSE:**
 - a. Delayed response to start any job after intimation by BPSCL will be penalized @ Rs. 500/- each time of such an occurrence.
 - b. A work, if started without proper permission (work-permit, duly issued by competent authority), will be penalized @ Rs. 200/- each time of such an occurrence.
 - c. For supplying less manpower as per above **clause no. 10**, a penalty of Rs. 200/- per manday will be imposed in addition to deduction of BPSCL wage rate (as on **Bid opening date / RA date / Revised offer date (in case of negotiated prices)**) for respective manpower category.
 - d. Any case of non-removal of scrap generated after completion of job will be penalized @ Rs. 250/- each time of such an occurrence.
 - e. Any delay in completion of a portion of the job planned to be completed within a particular time frame of a particular day, resulting in loss of production, will be penalized @ Rs. 500/- each time of such an occurrence.

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. *Breakup of quoted unit LC (Landed Cost) excluding GST shall be submitted by the bidder. In case of refusal of L1 bidder to submit price break up, EMD will be forfeited and the bidder shall be suspended for a period of six months from the date of issue of suspension order.*
3. **Price Basis L1 bidder will be decided on lowest Landed Cost excluding GST Basis.**

Sl. No.	Description of work	Duration	Amount (Rs.)
1.	Maintenance of Illumination & Enabling Facilities of Various Areas of TPP/ CPP (As per Scope of work)	12 Months	Online Price Bid (Landed cost excluding GST) through URL : http://www.buyjunction.in
LANDED COST			

Note: GST extra as applicable

Signature with seal of tenderer

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

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.