

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/21-22/C-028/NIT-1001/1333

Dated 10/05/2021



TENDER DOCUMENT

NAME OF WORK: Annual Maintenance Contract of Control and Instrument system and Equipments of CPP Unit 6,7 & 8.

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/21-22/C-028/NIT-1001/1333

Date: 10/05/2021

For and on behalf of BOKARO POWER SUPPLY COMPANY (P) LTD, sealed tenders in two parts, **Part - A :** Earnest Money Deposit 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 of Control and Instrument system and Equipments of CPP Unit 6,7 & 8.
Estimated Cost (in Indian Rs.)	Rs.59,89,108.00 (Rupees Fifty Nine Lakh Eighty Nine Thousand One Hundred Eight Only) Excluding GST.
Earnest Money (in Indian Rs.)	Rs. 1,00,000.00 (Rupees One Lakh) only
Period of Contract	One (01) Year from the date of commencement of work.
Last Date & Time of submission of Tender	11/06/2021 at 12:00 Hrs. (IST)
Bid opening Date & Time	11/06/2021 at 12:15 Hrs.

Qualifying Requirements / Eligibility Criteria :

Financial Capability:

1. Bidder should have Minimum average annual turnover (MAT) of **Rs. 17.96 Lakhs** in preceding three (03) Consecutive Financial years.
 - 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 consecutive last three (03) years, ending 31st March of the previous financial year duly certified by CA.

Technical Capability:

1. The bidder shall have a valid (up to date) ISO: 9001(or advance) certification, as on bid opening date.
2. Bidder should have experience of having completed **similar work** 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 offers are invited. Value of such work order shall be either of the following :
 - a. Three similar completed works each costing not less than to **Rs. 23.95 Lakhs**
 - OR**
 - b. Two similar completed works each costing not less than to **Rs. 29.94 Lakhs**
 - OR**
 - c. One similar completed work costing not less than to **Rs. 47.91 Lakhs**

Similar Work means: AMC of Control and Instrumentation in a Thermal Power Plant having pulverized coal fired Boiler of unit capacity not less 220 TPH and Steam Turbine of Unit capacity not less than 36 MW.

- 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)
3. The bidder must submit Satisfactory Work Execution / Completion Certificate(s) for the work (s) for which copy (copies) of work order(s) is (are) being submitted as given above issued by the competent authority.
 4. In support of their eligibility and experience, the bidder is required to submit self attested photo copies of work orders & completion certificates (by the concerned competent authority) along with the techno-commercial bid. In addition, bidder shall submit a self declaration as per format at **Annexure-VI**.

5. The bidder shall submit self certified copies of the following:-
IT Return (*Latest*), Copy of EPF, 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).
6. The bidder shall submit acceptance for finalization of rates through Reverse Auction as per **Annexure**.

General Terms & Conditions:

1. 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 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. 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	:	STATE BANK OF INDIA
Branch Name	:	SME BRANCH, Sector 4, Bokaro Steel City
Bank Account No.	:	35665021458
IFSC Code	:	SBIN0004231
Bank A/c Type	:	Current Account

In case of forfeiture of EMD by BPSCL, you will be required to reimburse the applicable GST to BPSCL.

2. In place of EMD, Bidders shall have the option of submitting a Bid Securing Declaration on their firm’s letter head accepting that if they withdraw / modify their Bids during the period of validity without assigning any valid reason for the same or refuse to submit Performance Security / Performance Guarantee as per the relevant Clause of this tender enquiry or refuse to accept the price quoted by them in Online Price Bid / Reversed Auction within the period of validity of the same or refuse to sign the Contract Agreement upon emerging as the successful bidder, they will be suspended for a period of one year from being eligible to submit bids against tender enquiries of BPSCL. A Format of Bid Securing Declaration is provided at **Annexure X**.
3. 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 Udyam Registration Certificate. SSI/NSIC certificate holders should also submit Udyam Registration Certificate. Further, unit claiming exemption is required to submit copy of Udyam registration certificate clearly indicating the item category for which they are registered.
4. **Offers not accompanied with Earnest Money Deposit (EMD) (as per clause 1) or Bid Security Declaration (as per clause 2) or documents for exemption (as per clause 3) will be treated as INVALID.**
5. Consortium bids will not be considered unless the provision for consortium is specifically mentioned in Tender Document.
6. 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.
7. **SUBMISSION OF PERFORMANCE GUARANTEE BOND FOR QUOTING UNWORKABLE RATE:**
If 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 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, your 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 reimburse the applicable GST to BPSCL.

8. Handling of Earnest Money:

- i. 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.

9. **RATE FINALIZATION**: BPSCL reserves the right to finalize the rate through either of the following modes:
- Opening of Online Price (*submitted on www.buyjunction.in*) submitted at the time of techno-commercial bid.
 - Through Reverse Auction to be conducted by our service provider **M/s. mjunction**.

Note: BPSCL may ask techno-commercially accepted bidders to submit decrement in percentage (%) on their online price submitted at the time of techno-commercial bid. On line price bid alongwith % decrement shall be considered together in case online price bid is opened.

10. **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

(A.K. Das)
GM I/c (MM)
Tel: 8986874119
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:

GM I/c (MM)
Bokaro Power Supply Co. (P) Ltd.
Hall No.M-01, Old ADM Building
Ispat Bhawan, Bokaro Steel City – 827001
Ph: 06452 240380, Mob: 8986874119

*** 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.buda1@mjunction.in

Ms. Debalina Maity - 8336991451 - maity.debalina@mjunction.in

Ms. Bingyasini Pradhan – 9163348173 – pradhan.bingyasini@mjunction.in

Ms. Priyanka Muzumdar – mazumdar.priyanka@mjunction.in

Mr. Mukesh Kumar Singh- 8873002741 – mukesh.singh@mjunction.in

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 submission of offer.
- iii) You shall clearly indicate that your quoted 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 documents submitted by you. BPSCL shall not bear any responsibility in case of any loss of documents submitted by the bidder 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, 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 to individual communication to the techno-commercially eligible bidders will be sent only to their e-mail address given in the tender documents.
- xi) Offers from two or more bidders shall summarily be rejected if they have any of the following parameters in 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. You are requested to visit site for actual assessment of the job before submitting of your offer.
2. You shall make yourself fully conversant with the actual site condition, nature of subject job(s) to be executed and terms and conditions of contract, cost of all the input materials and facilities, cost of labor, transport, incidentals, royalties etc. or any other taxes and duties before submitting the tender.
3. You will have to arrange necessary Gate Passes for your workmen.
4. You will have to deploy proper category of manpower for execution of the job.
5. You have to comply with all labor laws, ESI Act, EPF rules & AWA rules applicable in the Industry.
6. You will have to strictly adhere to the provision of various labor laws including Payment of Bonus Act 1965.
7. **Payment Default Clause:** You must ensure that payment is made to the workers as per provisions of Payment of Wages Act and CLC norms failing which BPSCL shall make payments to concerned workers directly. The amount so paid along with 15% of Administrative cum Service charge shall be deducted from any of the concerned Contractor's bill. If the provision of Payment of Wages Act is not adhered to second time, the Contractor shall be liable for banning of business dealing with BPSCL as per procedure in Vogue. Such Contractor shall not be permitted to work in BPSCL through sub-contracting also for the banning period.
8. **You have to pay your workmen as per circular / notification published by the State Government in regard to rates of payment of VDA in vogue.**
9. You will have to pay an additional amount of **Rs.4/-** to every worker engaged by you for the subject work over and above their daily minimum wages, as per BPSCL rules.
10. **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.
11. You shall execute the work in compliance with the provisions of contract and contract Technical Specification and/or design drawings furnished by BPSCL in terms of the contract and as per codes and standards specified therein, wherever applicable.
12. Supervision of the work is your responsibility. Inspection of executed work will be done by Site Engineer/BPSCL.
13. If situation demands, you will have to execute the work round the clock.
14. After completion of work, Engineer-in-charge or his representative will review the work(s), you will have to rectify any defect, if found, at no extra cost.
15. You shall remove all debris, surplus materials, etc., if any, and dump the same at place as directed by the Engineer-in-charge.
16. All the applicable taxes will be deducted from your bills.
17. During contract period there will be no consideration for idle & escalation charges.
18. You will be fully responsible for any sort of unsafe activity of your workmen and all your workmen should be trained for operational safety and to avoid fire hazards of Power Plant and must have proper safety certificates issued by BPSCL before start of work.
19. You will have to follow and observe the safety & statutory requirements and comply with all safety rules & regulations applicable in the plant area as per Booklet of Safety rules for BPSCL contractors. If you are not having that booklet, same may be collected from the safety department with a request letter.
20. For working at height, you shall produce medical fitness certificate for your workmen. Height passes to be obtained from safety department, if required.
21. All the working tools & tackles, men, material etc. and safety appliances like personal protection equipment are to be provided to your workmen by you at your own cost. All safety appliances of reputed make are to be provided by you to your workmen in presence of Safety Officer of BPSCL. The list and make of safety appliances may be obtained from safety office.
22. In case any documents/information submitted by you 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 dealing, criminal proceedings etc.) as deemed fit may be initiated by BPSCL against you.
23. **GST RELATED CLAUSES:**
 - a. You should quote GST as extra. If not mentioned in offer it will be considered as extra.
 - b. You have to pass on the tax benefit/savings, if any, on account of output taxes to BPSCL.

- c. 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.
 - d. 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 responsibility to discharge appropriate taxes, as applicable.
 - e. You have to maintain high GST compliance rating track record at any given point of time.
24. **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.
25. **RISK AND COST:** Failure on your 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 your risk and cost by alternate arrangements.
26. **SAFETY CLAUSE:** You shall be liable for penalties mentioned below for violation of safety norms:
- i. Up to Rs.5000/-by Head of safety Engineering Department /Head of the Department where work is being done for 1st violation of safety norm, non-use of PPEs (Personal Protective Equipment) 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 up to 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 up to Rs. 10,000/- for violation in use of Full Body Harness by you or your worker for working at height (above 1.8 meter from immediate floor).
 - v. Fine Rs. 25,000/- (minimum) to Rs. 50,000/- (Maximum) for serious injuries and disabilities caused by violations as mentioned in Clause No. (i) and (iv) above.
 - vi. Independent of the above, You shall be fined Rs. 1,00,000/- (1 Lakh) or more and debarred / deregistered from taking up further contractual work in BPSCL from the date of issue of debarring / deregistering order in case any Fatal accident occurs due to violations as mentioned in Clause (i) and (iv) above.
27. **FORCE MAJEURE:** You shall not be considered in default if delay occurs due to causes 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 LD at the option of BPSCL.
28. **Work accident**
- a. You will be fully responsible for the safety of the workers employed by you. In the event of any work-accident, major or minor, 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 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 own workmen 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.
29. **You shall also maintain all records/register/return/cards such as:**
- i) Register of workmen employed by contractor
 - ii) Employment card
 - iii) Muster Roll
 - iv) Register of wages-cum-muster roll
 - v) Submission of Return
 - vi) Order book

Scope of Work:

Plant Details: 3x60 MW condensing steam turbine and 3x260TPH, 100 ata 540⁰C, pulverized coal fired boiler. The scope of work involves Preventive and running / breakdown maintenance of Control & Instrumentation as indicated and detailed in the tender document.

Sl.No.	DESCRIPTION OF JOB
1	Replacement of Recorder Accessories
2	Replacement of ACS, Annunciation and Indicators Cards
3	Cleaning of Control panels (External)
4	Cleaning of control Panels(Internal)
5	Cleaning of Instrument enclosures / Pneumatic and electrical field junction boxes
6	General cleaning and inspection of field instruments area-wise for following areas of each unit : Turbine floor, turbine 3.5 m, ejector floor, turbine zero m, turbine – 3.5m, turbine 13 m, deaerator floor, mill / P.A fan area, F.D fan /I.F fan area/ Feeder and firing floor area, boiler instruments above feeder floor.
7	Preventive maintenance of electric/pneumatic control valves along with accessories
8	Preventive maintenance of electric/pneumatic power cylinder operated valves / dampers along with accessories
9	Preventive maintenance of BFP / ID fan / Scoop tube actuator
10	Purging / packing of impulse lines and cleaning of tapping points
11	Preventive maintenance of Rota meters
12	Preventive maintenance of Oxygen Analyzers
13	Operation / functional checking of electric/Pneumatic control valves/ Power cylinder operated valves/dampers/solenoid valves / controller / positioner
14	Functional Checking of transmitters / Pressure switch / temp. Switches / pressure gauges/ temp. gauges / P-I converters/ I-P converters / scanners/ recorders/indicators/ air filter regulators
15	Removal / Servicing and re-commissioning of air filter regulators / limit switches / positioner / P-I / I-P converters
16	Removal / Servicing and re-commissioning of transmitters
17	On site calibration of Transmitters
18	Replacement of diaphragm and diaphragm-operated pneumatic actuators (big size)
19	Servicing of Power Cylinder operated pneumatic actuators (big size)
20	Calibration of control valves & power cylinder operated pneumatic actuators (regulatory type)
21	Calibration of control valves and power cylinders operated pneumatic actuators(on / off type)
22	Removal and re-commissioning of Pr /Temp. Switches.
23	On site servicing/Calibration of Pressure / Temp. switches
24	Removal and re-commissioning of Pr. / Temp. gauges
25	On site servicing/calibration of Pr. / Temp. Gauges
26	Removal and re-commissioning of panel mounted indicators / recorders / temp. scanners
27	On site calibration of Panel mounted indicators
28	On site calibration of recorders / temp scanners as per scope of work attached
29	Servicing of electromagnetic Relays / Contractors
30	Servicing of Solenoid Valves
31	Removal and Re-commissioning of Oxygen Analyzers
32	Removal and Re-commissioning of level switches
33	Servicing of level switches
34	Checking and removal of Earth faults of electrical circuits
35	Leakage arresting in process impulse lines (without welding)
36	Leakage arresting in process impulse lines (with welding)
37	Leakage arresting in pneumatic signal lines
38	Zero checking of Transmitters and gauges.

39	Healthiness and Terminal tightness checking of RTD & Thermocouple
40	Removal, replacement & re-commissioning of RTD & Thermocouple
41	Replacement of defective annunciation lamps / Indicators lamps/ LED's
42	Removal & re-commissioning of panel mounted relays / contractors
43	Replacement of isolating valves / manifolds
44	Cleaning of main air station air filter air regulator
45	Servicing of recorders / indicators/ temp scanners
46	Servicing of Controllers / Positioner / Transmitters/ P-I converters / I-P converters
47	Servicing of Pr. / Temp Gauges
48	Servicing of Pr. / Temp Switches
49	Checking of annunciators by simulating initiating fields device
50	Terminal tightening of all the terminals of a control panel
51	Terminal tightening of all the terminals of a field junction box
52	Physical assistance during Light Up and synchronization activities
53	Physical assistance during interlock and protection checking / control panel checking / Misc. jobs
54	Laying of Cables
55	Termination of Cables
56	Laying of impulse lines (up to ½' O.D")
57	Laying of Cu Tubes (up to ½' O.D)
58	Maintenance of control panels / instruments enclosures / fields junction boxes
59	Sealing of control panels / Instrument Enclosures / Field junction boxes
60	Fabrication of canopy / Instrument Enclosures / Field junction boxes
61	Preventive maintenance of C&I equipment of mill
62	Preventive maintenance of C&I equipment of PA Fan
63	Preventive maintenance of C&I equipment of BFP
64	Preventive maintenance of C&I equipment of air compressor
65	Preventive maintenance of C&I equipment of CW pump
66	Replacement of Diaphragm of Diaphragm operated Pneumatic Actuators (small size)
67	Servicing of power Cylinder operated pneumatic Actuators (small size)
68	Preventive maintenance of level switches
69	Maintenance of PLC system of gas burner management system
70	Maintenance of power distribution cubicle of gas burners
71	Maintenance of operating workstation of gas burner operation console

SPECIAL TERMS & CONDITIONS:

1. **Man Power Deployment:** Manpower must consist of site-in-charge, supervisors, Instrumentation Fitter, helpers, instrumentation technicians etc. and should ensure to carry out minimum 03 jobs simultaneously and/or jobs as per site requirements.

2. **Minimum indicative manpower to be deployed by contractor:**

Sl. No.	Manpower Category	Qualification and Experience	Qty. of Minimum indicative manpower	
i.	Site-In-Charge	Degree in engineering (Instrumentation/electronics) having experience of at least five years or diploma in engineering having experience of seven years in similar type of job.	01 Number	to be deployed on daily basis excluding weekly off (i.e. for 313 days)
ii.	Supervisor (Diploma)	Degree in engineering (Instrumentation/electronics) having experience of at least two years or diploma (Instrumentation/electronics) having experience of five years in similar type of job.	03 Nos.	to be deployed on daily basis (i.e. for 365 days)
iii.	Skilled Worker	ITI in relevant field with atleast 01 year of experience or Skilled Worker with at least 05 years of experience	09 Nos. (Technicians-08, Instrumentation Fitter-01)	to be deployed on daily basis (i.e. for 365 days)
iv.	Unskilled Worker	-	06 Nos.	to be deployed on daily basis (i.e. for 365 days)

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

4. **Commencement and Execution of work :**

- The schedule date of commencement of works will be intimated after placement of work order.
- Work shall be carried out round the clock including holidays & Sunday in all three shifts.
- Scope of Work is a guideline to carry out the AMC job but the work not specified and otherwise necessary to ensure the smooth running of the equipment is in the scope of contractor.

5. **Minimum Resources to be deployed by the contractor.**

- The contractor must have proven skilled staffs who have already worked on similar jobs. They should be able to show their experience, competence indicating the period for which they have been working with the firm and their experience on similar jobs. At any point of time, if any of the manpower is found lacking in competence or interest, he will be immediately, withdrawn and should be replaced by a competent person as acceptable to the engineer – in – charge.
- It shall be contractor's responsibility to maintain and keep his manpower in specified area only. Strict action will be taken against the contractor and his employees if found in other place and indulging in unlawful activities.
- BPSCL reserves the right to check the credentials of the working personnel, deployed by the contractor and, if not found suitable by Engineer in charge, replacement with substitute is to be done.

6. The contractor shall bring the required material from the store / other sites to the site of work and dispose off the dismantled / damaged parts to the store etc. as per the instruction of the engineer - in - charge. However, truck / trolley / crane will be provided by BPSCL subject to availability
7. **Inputs to be provided by BPSCL (Free supply)**
 - i. All interchangeable Spares & Accessories.
 - ii. All Machinery's such as EOT Crane / Mobile Crane / Hydra, Truck/ Trailer / Trolley etc. for movement of materials inside the plant.
 - iii. Compressed air, Special electrodes, all permanent consumables such as gaskets, gland packing, nut & bolts, grease, lubrication oil, 'O' ring, rubber chord, oil seals etc. shall be supplied by BPSCL.
 - iv. Electricity, Water and Storage Area.
 - v. Steel structures (plates, channel, angle, sheet etc.), pipes as per job requirement.
 - vi. Laboratory facilities along with instrument testing gadgets for C&I System in case of emergency.
8. **Housekeeping of Area :**
 - i. The contractor shall keep the site clean and dispose off all waste material, rubbish etc. during the work itself in specified manner. The contractor shall also remove all temporary arrangements made during working (scaffolding etc.) and shift them to storage area. The contractor shall carry out any measures required to comply with health and hygiene regulations. The site shall be left clean and tidy on daily basis to the satisfaction of the engineer – in – charge.
 - i. The contractor should not keep / leave any scrap / items hindering the walk ways and working areas.
 - ii. All un-used, removed spares and un-used consumables shall be returned to the departmental stores.
9. **Site organization of the contractor :**
 - i. The contractor shall authorize one of his representatives to act as overall site in charge for this particular contract with sufficient experience
 - ii. The site in charge shall co-ordinate all activities to ensure satisfactory working, in addition to his normal duties he shall receive and abide by all instructions given by the engineer-in-charge or his representative for smooth, safe and satisfactory execution of work.
 - iii. Site in charge will submit time schedule and attend daily progress review meeting.
 - iv. Site in charge should normally be available at the work site during the execution of the job & should have mobile for proper coordination.
 - v. Site in charge shall co-ordinate the work and for night shift he should depute one site supervisor as authorized representative of the contractor.
 - vi. The contractor shall authorize one of his supervisors to look over all safety during execution of work and for all safety aspects of the work.
 - vii. The names of site-in-charge, safety supervisor, material collector and shift site in charge shall be communicated in writing to engineer-in-charge prior to commencement of work.
 - viii. Contractor shall have to maintain a register and duplicate book showing details of the job to be done against each schedule / sub-schedule on daily basis. Planning meeting will be conducted in morning and evening for reviewing work progress. Next day planning and spare and consumable requirements assessment issues related of safety and housekeeping.
 - ix. Records of spare & consumables used against each job and equipment is to be maintained by the site supervisor and to be made available on daily basis in planning meeting and he should maintain a computer with printer at site for proper record keeping and planning
10. **Quality of work :**
 - i. The engineer-in-charge or his representatives will carry out checks and inspections Maintaining the quality of work is primarily the responsibility of the contractor.
 - ii. The clearances, settings and other measurements affecting quality are to be taken in presence of BPSCL representative and logged in checklist.
 - iii. The assembly of equipments after servicing / overhauling, restoring to its original shape and all other assemblies of important / critical nature shall be done in the presence of BPSCL representatives.
 - iv. Any work being done on the equipment is to be notified to the engineer - in - charge so that necessary inspection can be done during the progress of work.

- v. The contractor shall ensure that the equipment to be attended is dismantled carefully without damage to any parts. All dismantled parts shall be kept in a clean place, well covered. Responsibility of theft / pilferage / damage to dismantled parts lies on the contractor. However, if there is any such damage before dismantling of the equipment, the same is to be shown to the Engineer in charge.
- vi. The recovery in respect of any spare which is damaged due to negligence on the part of contractor will be done at the rates mentioned in the price catalog of equipment supplier / latest purchase order values or any other source plus BPSCL overheads @25%. Decision of engineer - in- charge will be final in this regard.
- vii. **Guarantee Clause:** The contractor shall be responsible for the workmanship of the job executed by him. For this purpose, he should stand guarantee for three months. In case of failure minimum guarantee period the contractor should get the same attended immediately by deploying additional manpower at his own expense and the defect liability will get further extended accordingly. If he fails to do the same, BPSCL reserves the right to get it attended by some outside agencies at the contractor's risk and cost.

11. General Safety Precautions :

- a. All persons deployed by contractor should be medically fit. A copy of medical fitness certificate should be submitted.
- b. Work should be started only after ensuring that valid permit to work is available for working in the relevant area.
- c. All persons must wear safety helmet, safety shoes and use other personal protective equipment like dust mask, safety belt, hand gloves, grinding goggles and fire restrained clothing as deemed necessary.
- d. Hand railings / toe guards etc. Wherever removed shall be restored as soon as possible after completion of work.
- e. Wherever opening has been made in the floor, suitable warning boards will be displayed and the contractor will have to close the opening after completion of job.
- f. For working in isolated areas viz: pent house, dead chambers etc. At least two persons must be deputed, one being outside to ensure safety of the person working inside.
- g. Violation of any safety norms shall draw the penalty as per the safety clauses of BPSCL (attached).
- h. Gas cylinders should not be rolled on the ground or carried in bi-cycles etc. Trolleys should be used for their transportation.
- i. For lifting and lowering cylinders proper cage should be used. Anchoring at valve portion should be avoided as the valve is delicate portion of the cylinder and is liable to break causing serious accident.
- j. Protective goggles shall be used at the time of welding and grinding.
- k. Welding cables should have proper insulation. No necked cable should be used.
- l. While welding or gas cutting, the area where the sparks/hot metal is likely to fall should be identified and all inflammable materials should be removed from or effectively covered in the affected area to prevent any chance of fire.
- m. All portable hand lamps shall have 24 V bulb, insulated handle and cage guard/cover over the bulbs.
- n. All electrical cables shall be of double insulated type and joints in electric power supply cables should be avoided to the extent possible. In case joints are unavoidable these should be minimum and the joint should be properly insulated.
- o. Inserting bare terminals in plug sockets is prohibited. Proper plug tops should be used for connection with switchboards.
- p. Welding, grinding and drilling machines etc should have their bodies properly earthed.
- q. All electrical hand tools should preferably be of fibre body to reduce risk of electric shock.
- r. Welding machine connection shall be made with welding receptacles only and properly earthed.
- s. No loose material shall be left at heights as material falling may cause serious injuries.
- t. Working platforms at height should have adequate space and proper railings. Where permanent railings are not feasible, temporary railings using manila rope or any other means should be provided.

- u. Toe guards should be provided in the platforms deployed for the work. All scaffolding should be inspected for its soundness and strength, only tubular scaffolding materials should be used.
- v. Any scaffolding shall be constructed with a minimum of three supports as per safety norms for a standard length plank.
- w. Proper approaches should be made up to the working area.
- x. Each scaffolding plank should be properly supported at least at four places. Gaps should not be left between planks.
- y. All workers working at a height of more than two meters of any other location fall from where is likely to cause injuries should use Full body harness.
- z. Contractor will submit the proper testing certificates of tools & tackles employed for carrying out the job.

12. LIST OF T&P TO BE PROVIDED BY THE CONTRACTOR (indicative)

1	All Ring & D. E. Spanners upto 32mm	03 sets.
3	Adjustable Spanners 6'',12''	04 Nos. each.
4	Allen key set upto (12 mm)	03 sets.
5	Hammer upto (05 Kg.)	02 Nos.
6	Screw Driver all sizes	05 Nos.
7	Hack – saw Frame	03 Nos.
8	Files (smooth, rough) round, half round, needle file	02 Nos. of each type
9	Inside & Outside circlip plier	02 Nos. each
12	Cutting torch along with regulator & hoses	01 sets
13	Straight grinder,	01 Nos.
14	Chain Pulley block (2T) (duly tested)	01 Nos.
19	Welding Generator (with welding cables)	01 Nos.
20	Chisel 8", 12"	02 Nos. each
21	Try Square, Surface plates	02 Nos. each
22	Vernier calliper –BIG & SMALL	02 Nos.
23	Measuring Tape 5 M/03m	02 Nos./02 Nos.
24	Torch	05 Nos.
25	24 V lamps and transformers	03 Nos.
26	Micrometer 0-25,0-50 mm	01 Nos. each
27	Lighting/Extension Boards with proper plugs 5 point	03 Nos.
28	Hand hole cutting M/C, tools & fixtures if required	02Nos.
29	Multipoint Welding Transformer	01Nos.
30	Tester, Continuity tester	15 no. each
31	Plier, Nose plier, champion set, Allen keyset, Box spanner sets up to 65mm	As per requirement
32	Tube cutter & Bender, Sim cutter, hacksaw cutter	02Nos. each
33	Scaffolding materials, Multi meters, soldering iron kit, crimping tools	As per requirement
34	Drill m/c with Bits (size – 4 to 20 mm), Hand Blower, Hand oil pump	03 Nos.
35	Letter punch and Number punch	01 set

13. LIST OF TESTAND MEASURING INSTRUMENTS TO BE PROVIDED BY THE CONTRACTOR:

1. Multimeter (3 ½ digit) : 04 No.
2. Portable Multifunction loop calibrator(mA/ mV / R Source) : 01 No.
3. Pressure calibrator (0-2kg/cm2) : 01 No.

14. **LIST OF CONSUMABLES TO BE PROVIDED BY THE CONTRACTOR :**

Sl. No.	Description	Quantity / Month (Lump-sum)
1	Welding Electrodes (General Purpose)	As per actual requirement
2	LPG Cylinder	
3	Oxygen Cylinder	
4	Cotton, Jute & Cleaning Cloth, Coir string	
5	Grinding Wheel	
6	Cutting Wheel	
7	Rustoline, card cleaner, WD40	
8	Teflon Tape, Emery paper & Heck saw blade, Enamel paint.	
9	Hold tight	
10	Misc. (M-seal, Pencil battery, Torch, drill bit etc.)	
11	PVC tape, cello tape, fevi quick	
12	Card cleaner, Contact cleaner	
13	Permanent paint marker	
14	Kerosene / Diesel for cleaning	
15	Steel Putty	
16	Molykote, Selastic Gel	
17	Required Fitter hand tools, Gas cutting sets, Welding machines, Welding Cables and accessories.	
18	Stationary items for record keeping	

15. **Payment Terms :**

97% of contract value will be paid on pro-rata basis duly certified by Engineer In-Charge and balance **03%** will be retained as security deposit which will be released after completion of Guarantee Period.

The expression satisfactory execution of the order shall mean fulfillment of all 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, the bidder 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.

16. **Penalty Clause :**

Sl. No.	Description of cases in which Penalty will be imposed	Penalty Amount (Rs.)
1	Failure in carrying out job as per work order.	Rs. 2000/- for each such case.
2	Shortage in manpower deployed on daily basis (<i>except of Site- In-Charge</i>).	For supplying manpower less than the minimum indicative manpower as mentioned above, a penalty of Rs. 200.00 per man day 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) <i>whichever is later</i>) for respective category of manpower.
3	The schedule date of commencement of work will be intimated after placement of the work order. If the contractor fails to start the work on scheduled date, penalty of Rs. 10,000/- per day of delay will be imposed.	

4	In case of absence of site in charge.	Rs. 1000 /-per day for short supply & Rs.1000/- per day as penalty.
5	If any Breakdown remains unattended after issue of permit.	Rs. 5000/- per hour
6	If repetition of same breakdown occurs within 24 hours of maintenance due to poor workmanship.	Rs. 5000/- for each such failure.
7	Failure in providing feedback of all maintenance job to the concerned officer on regular basis.	Rs. 1000/- for each such case
8	Failure to clear site after completion of work, as per relevant clause of this Tender Enquiry.	Rs. 1000/- for each such 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.	Annual Maintenance Contract of Control and Instrument system and Equipments of CPP Unit 6,7 & 8. (As per Scope of work)	12 Months	Rs. 59,89,108.00 (Rupees Fifty Nine Lakh Eighty Nine Thousand One Hundred Eight 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
2. Please provide following details :

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

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 Percentage
	<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 :

Format for Bid Securing Declaration (In lieu of EMD)

Date: _____

Tender Enquiry no.: _____

To
The GM In-charge (Material Management)
Bokaro Power Supply Company (P) Ltd.
Hall No. – M 01
Old Administrative Building
ISPAT Bhawan, Bokaro Steel City

I/We*, the undersigned, declare that:

I/We* understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration in lieu of Earnest Money Deposit.

I/We* understand that if I/We* withdraw or modify my / our* Bids during the period of validity, or if I am /We are* awarded the Contract and I/We* fail to honour my /our* offer by way of either withdrawing my / our* bid within the bid validity period without assigning any valid reason for the same or refusing to submit Performance Security / Performance Guarantee as per relevant Clause of the tender enquiry or refusing to accept the price quoted by me / us* in Online Price Bid or Reverse Auction within the period of validity of the same or refusing to sign the Contract Agreement, I/We* will be suspended for a period of one year from being eligible to submit Bids for all future Contracts.

I/We* understand that this Bid Securing Declaration shall cease to be valid if I am / We are* not the successful Bidder and I am / We are* not awarded the Order against the tender enquiry.

Signed _____ in the capacity of _____

Name: _____

Duly authorized to sign the Bid for and on behalf of: _____

Dated on _____ day of _____, _____

Corporate Seal (where applicable)

[Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the Bid.]

* *Please delete as appropriate*

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.