

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/23-24/PUR-097/NIT-1337

Dated 24.08.2023



TENDER DOCUMENT

**SUBJECT: PROCUREMENT OF FEED CONTROL VALVES AND INJECTION
CONTROL VALVES.**

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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/23-24/PUR-097/NIT-1337

Date: 24.08.2023

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

Item under procurement	Feed Control Valves and Injection Control Valves.
Earnest Money (in Indian Rs.)	Rs. 1,00,000.00 (Rupees One Lakh Only) OR Document for Exemption as per clause (ii) of General Terms & conditions.
Last date & time for submission of tender	26.09.2023 up to 12: 00 Hours
Bid Opening date & time	26.09.2023 at 12:15 PM

Qualifying Requirements: -

- The bidder should have minimum average annual turnover (MAT) of **Rs. 19.13 Lakhs** only.
 - Average annual turnover shall be determined taking into consideration turnover of preceding three (03) consecutive financial years. Other income shall not be considered for arriving at annual turnover.
 - Audited annual account along with auditor's report of the bidder should be furnished in support of the same. Where audited 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:**

The bidder shall have requisite experience of manufacturing or supplying of "similar item" in India to any Public Sector Undertaking/Government/Semi Government Organization or joint venture thereof / Company registered under Companies Act.

Similar item: "Feed Water Globe Control Valve of Class:1500# (or above) and size 25mm or more".
- The bidder is required to submit self-attested photocopies of documents (Purchase Orders, GRN / Delivery Challan / Completion certificate etc.) in support of their eligibility and experience. In addition, bidder shall submit a self declaration in enclosed format at **Annexure – III**.
- The bidder shall furnish latest **IT return** and **GSTIN**. The bidder shall also submit acceptance to Terms & Conditions of Reverse Auction in the format attached at **Annexure – IV**.

General Terms & Conditions:

- Offer shall be accompanied with Earnest Money Deposit (EMD) in the form of Demand Draft / Pay Orders / Bankers Cheque Payable at Bokaro Steel City / Bank Guarantee having validity of, *one (01) year*, from any Nationalized Bank / Scheduled Bank except Co-operative Bank drawn in favor of **Bokaro Power Supply Company (P) Ltd.** as per format available at our website: www.bpscl.com. Earnest Money can also be deposited online through RTGS / NEFT / SWIFT / TT Remittance in our account, details of which are given below. The proof of such transfer shall be submitted with the offer in the envelope titled " Earnest Money Deposit".

Account Details:

Bank Name	:	State Bank of India
Account Number	:	35665021458
IFSC Number	:	SBIN0004231
Branch Name	:	SME Branch, Sector - 4, City Centre, Bokaro Steel City, Jharkhand - 827004.

In case of forfeiture of EMD by BPSCL the bidder is required to reimburse the applicable GST to BPSCL.

- ii) Conditions for claiming exemption from submission of EMD:
- Micro & Small Enterprises (MSEs) / PSU / Government 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. However, UDYAM Registration Certificates having Services (Trading) as major activity will not be considered as a valid document for claiming exemption from submission of EMD.
 - 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.
- iii) **Offers not accompanied with Earnest Money Deposit (EMD) (as per clause i) or documents for exemption (as per clause ii) will be treated as INVALID.**
- iv) If you withdraw your bid after opening of bids without giving any satisfactory and acceptable explanation thereof, you shall be disqualified from participating in any tender of the BPSCL for a minimum period of one (01) year and your Earnest Money will be forfeited.
- v) **Purchase Preference:** BPSCL reserves the right to exercise Purchase Preference in respect of MSEs based on the extant guidelines issued by Government of India vide Public Procurement Policy for Micro & Small Enterprises (MSEs) order 2012 & subsequent amendments.
- vi) You should quote your firm rates and no negotiations will be held except with the lowest bidder, if required.
- vi) **Handling of Earnest Money:**
- Earnest Money will be refunded to the unsuccessful bidder after determination of L-1 bidder and no interest will be paid upon the same. **You are requested to submit your bank details for the return of EMD.**
 - The amount of Earnest money may be adjusted against Security Deposit in case of successful bidder.
- vii) Consortium bids will not be considered unless the provision for consortium is specifically mentioned in Tender Document.
- viii) **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 the techno-commercially accepted bidders to submit decrement in percentage (%) on their online price submitted at the time of techno-commercial bid. Online price bid along with % decrement shall be considered together in case online price bid is opened.
- ix) Either the representative on behalf of the Manufacturer or the Manufacturer directly be permitted to bid in a tender but not both. If authorized representative of manufacturer quote along with manufacturer, only the offer of Manufacturer will be considered as valid.
- x) One agent cannot represent two Manufacturer or quote on their behalf in a particular tender.
- xi) **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)
CGM (MM)
Tel : 8986874119
Email: purchase@bpscl.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 / Documents for exemption of EMD.
- b) **Part B:** This part shall comprise of Technical and Commercial details, consent on terms & conditions of NIT/ signed Tender Document along with copy of **SYSTEM GENERATED ACKNOWLEDGEMENT-SLIP FOR ONLINE SUBMISSION OF SEALED PRICE*** bid etc.

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

Chief General Manager (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 (**Landed Cost per unit 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.buda1@mjunction.in

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

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

Ms. Priyanka Mazumdar - mazumdar.priyanka@mjunction.in

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

- i) Validity of the offer shall be at least Six (06) months from the Bid Opening Date. In case of extension of “ Bid Submission / Opening Date”, the validity will be counted from the extended Bid Submission End Date.
- ii) In case prices are finalized through Reverse Auction / Price Negotiation, the validity of the final quoted price shall be two (02) months from the date of discovery of the final L-1 price, either through Reverse Auction or through Price Negotiation, as the case may be or till the validity of the techno-commercial bid, whichever is later.

1.03 General Instructions:

- i) You shall clearly indicate that your prices shall remain firm in all respects till execution of the order.
- ii) Specification, quantity, unit rate, freight, insurance, packaging, forwarding, taxes etc. should be mentioned separately and clearly.
- iii) Any conditional offer or offer having deviations is liable to be rejected.
- iv) Where agent commission is involved the same is to be indicated in percentage.
- 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 & Conditions. Otherwise, it will be presumed that you do not accept our terms and conditions and this may lead to rejection of 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 you during tender opening or thereafter.

- vi) If you are a Firm or Company, then you shall, in the forwarding letter, mention the number and names of all the partners & shall sign before submitting the same, unless the Power of Attorney holder has specifically been authorized in this respect.
- vii) 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.
- viii) Price or any indication of price shall **NOT** be mentioned in the Techno-Commercial Bid.
- ix) 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
- 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 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.

2.00 GENERAL TERMS AND CONDITIONS

2.01 BPSCL reserves the right to ask for original documents for verification at any time during tendering, evaluation and / or the execution of the contract. In case any documents / information submitted by you is / are found to be false or containing any misrepresentation or having any fraudulent declaration in it, then, in such eventuality, legal action (including cancellation of contract, banning of business dealing, criminal proceedings etc.) as deemed fit may be initiated by BPSCL against you.

2.02 The shortfall information / documents (if required) shall be sought only in case of historical documents which pre-existed at the time of the tender opening and which have not undergone change since then.

Explanation: For example, if the Permanent Account Number, registration with Sales Tax / VAT, GSTN number, etc. has / have been asked to be submitted and the bidder has not provided them, these documents shall be asked for.

2.03 So far as submission of documents is concerned with regard to qualification criteria, after submission of the tender, only related shortfall documents shall be asked for and considered.

Explanation: For example, if the bidder has submitted a supply order / contract without its completion / performance certificate, the certificate shall be asked for and considered. However, no new supply order / contract shall be asked for.

2.04 **Packing :**

a) **Responsibility for proper packing** – You shall be responsible for the materials being sufficiently and properly packed, for transport by rail / road / sea / air / any combination of above, so as to ensure their being free from loss or damage on arrival at the destination.

b) **Marking of Packages, Packing, etc.** - Each package delivered under the contract shall bear the following:-

- Name of the Supplier
- Contract/Order Number
- Consignee's name and address
- Description and quantity of contents
- Gross weight, net weight,
- Distinctive number or mark which is also to be shown, for the purpose of identification, on the Supplier's packing list.
- Catalogue Number

2.05 **Delivery:** Timely delivery is the essence of the contract & must be completed as per the dates specified therein.

2.06 **Liquidated Damages:** In the event of supply not being effected within the contractual delivery schedule given in the order, excluding the time taken by BPSCL in approval of the drawings submitted by you (if any), liquidated damages @ ½ % of the value of delayed materials for each week of delay and part thereof, subject to a maximum of 05% of the total order value shall be recovered from you. The deduction of such damages shall not relieve you from the contractual obligations to complete the supply as stipulated in the Contract.

2.07 **Risk Purchase:** If you fail to deliver the material either in full or in part, within the prescribed delivery period, BPSCL shall be entitled at its option to take alternate procurement action, at your risk & cost for the unsupplied portion of the goods / items for which delivery period has expired.

2.08 You must mention applicable GST rate in your offer with compliance of following GST clauses:

- a) You shall have to quote GST as extra. If not mentioned, same will be considered as EXTRA.
- b) You shall 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 sole responsibility to discharge appropriate taxes, as applicable.

e) You shall have to maintain high GST compliance rating track record at any given point of time.

- 2.09 **Bank Details:** Bank details mentioning Account number, Bank name, City, Branch name and Branch code should be mentioned in the offer for NEFT / RTGS payment.
- 2.10 **Paying authority – In-charge (F&A),** BPSCL. Bill in triplicate duly receipted on the revenue stamp with cancelled cheque / Bank Mandate and a copy of TC & Packing list etc. are to be submitted to In-Charge (F&A), Bokaro Power Supply Company (P) Limited for processing of the same.
- 2.11 **Inspection:** Acceptance of material is subject to inspection. Final Inspection will be done at BPSCL stores after receipt of material.
If any material supplied is rejected in inspection, BPSCL will inform about the same to the supplier. After such intimation of rejection by BPSCL, the Supplier shall be liable to remove / lift back such rejected / damaged materials within 30 days without any extra charge / cost to BPSCL, failing which, BPSCL shall reserve the right to dispose off the material, as it may deem fit, without any financial repercussions and BPSCL shall stand absolved of all responsibilities towards the material.
- 2.12 **FORCE MAJEURE:** You shall not be considered in default if delay occurs due to reason 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 clause the delivery period will be extended for a length of time equal to the period of force majeure at the option of BPSCL. Order may be cancelled without any liability what so ever on the part of BPSCL.
- 2.13 **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.
- 2.14 **Security Deposit:** In case Purchase order is placed upon you, you shall have to deposit Security Deposit at the rates mentioned below for satisfactory execution of the order:

Sl. No.	Purchase order value (Excluding GST)	Amount of Security Deposit
i.	Up to Rs. 20 Lakh	10% of Purchase order value.
ii.	Over Rs. 20 Lakh up to 100 Lakhs	05% of Purchase order value subject to a minimum of Rs.2,50,000.00.

The Security Deposit shall be in the form of **Bank draft / Bankers Cheque / Bank Guarantee** (as per BPSCL format available at bpscl.com) having validity up to guarantee period of the item to be supplied plus three (03) months of claim period. **Bank Draft / Bankers Cheque** shall be in favor of Bokaro Power Supply Company (P) Ltd. payable at Bokaro Steel City.

The expression “satisfactory execution of the order,” shall mean fulfillment of all obligations arising out of and in connection with the purchase order. In case of default in satisfactory execution of the order the security deposit shall be forfeited. Amount of penalty and/or Liquidated Damages imposed (if any) will be recovered from Bill / Security Deposit. If the amount of Bill / Security Deposit is not sufficient, you shall 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.

In case of forfeiture of Security Deposit, you shall be required to reimburse the applicable GST to BPSCL.

3.0 TECHNO-COMMERCIAL TERMS & CONDITION:**3.1 Description of Material:**

Sl. No.	ITEM DESCRIPTION	QUANTITY
1.	Cat. No. 16700802001 Feed Control Valve Type: Globe Control Valve with Electrical Actuator Valve size : DN 150 Service : Feed water Class : 1500 Welding Ends : 219/22 mm Operating Pressure : 160 Kg/cm ² Operating Temperature. : 230 °C Other details as per Attached Annexure- I	03 Nos.
2.	Cat. No. 56400312043 Injection Control Valve Type: Globe Control Valve with Electrical Actuator Valve size : DN 25 Service : Feed water Class : 1500 Welding Ends : 38/3.8 mm Operating Pressure. : 160 Kg/cm ² Operating Temperature. : 220 °C Other details as per Attached Annexure- I	06 Nos.

3.2 Special Terms and Conditions:

1. Material Test certificate, Manufacturer's Guarantee certificate, IBR Certificate, Lab Inspection Certificate & Packing List shall have to be submitted along with the material.
2. The Valves shall be supplied along with the hand wheel and as per the technical details.
3. Valve technical details with date of manufacturing should be tagged on a plate on the body of the valve.
4. Quality of valves manufacturing should be as per attached QAP.
5. Valve shall be supplied in proper wooden boxes to avoid any damage during transportation.

3.3 The Commercial Bid should confirm the following:

1.	Price	Firm price for the duration of the Contract.
2.	Delivery Term	FOR BPSCL Stores, B. S. City.
3.	Packing & Forwarding Charges	Inclusive
4.	Freight Charges	Inclusive
5.	Transit Insurance	To be arranged and borne by Supplier
6.	GST Registration	To indicate GST Registration Number
7.	GST	Extra- <i>Applicable rate to be mentioned</i> HSN/ SAC- <i>to be mentioned</i>
8.	Payment Term	100% against GRN.
9.	Delivery Period	Within 06 months from the date of placement of Purchase Order.
10.	Guarantee Clause	A guarantee for a period of twelve (12) months from the date of commissioning / use or eighteen (18) months from date of supply, whichever is earlier shall have to be provided by the supplier. In case of any manufacturing defects discovered within the guarantee period of normal operation, the same are to be repaired or replaced by the bidder at no extra cost. If any material supplied fails within the Guarantee Period, BPSCL will inform about the same to the Supplier. After such intimation, the Supplier shall be liable to remove / lift back such materials for repair / replacement.
11.	Inspection	To confirm as per relevant Clause of NIT
12.	Security Deposit	To confirm as per relevant Clause of NIT
13.	LD Clause	To confirm as per relevant Clause of NIT
14.	Risk Purchase Clause	To confirm as per relevant Clause of NIT
15.	Validity Period	To confirm as per relevant Clause of NIT

4.0 PRICE BID / RA FORMAT:**Special Instruction –**

1. *In the event of the L1 Bidder backing out prior to placement of order, EMD will be forfeited and L1 bidder shall be suspended for a period of one (01) year from the date of issue of suspension order*
2. *Breakup of quoted LC (**Landed Cost**) shall be submitted by the L1 bidder. In case of refusal of L1 bidder to submit price break up, EMD will be forfeited and L1 bidder shall be suspended for a period of one (01) year from the date of issue of suspension order.*
3. **Price Basis – Rs. per number on LC basis excluding GST [For each item individually].**

Price Break Up		
Sl. No.	Price Component	Rate per number (Rs.)
1.	Basic Price	
2.	Packing & Forwarding	
3.	Freight	
4.	Transit Insurance	
5.	Any other tax or charges	
LANDED COST (1+2+3+4+5)		

Note: GST Extra

Feed Control Valves Technical Specification

	Description
Type	Globe control valve with electrical actuator. With standard trim configuration. With IBR form IIIC. 100% Feed Control Valve.
Service	Feed water
Valve size	6 inch, pipe size to be match OD 219 X 22mm
Max. Flow	360 T/hr.
At the time of startup Outlet Pressure	15-20 Kg/cm ² & flow 20-25 TPH
Operating Condition1	Inlet pressure = 110 Kg/cm ² Outlet pressure = 98 kg/cm ²
Operating Condition2	Inlet pressure = 160Kg/cm ² Outlet pressure = 75 kg/cm ²
Normal Operating Condition	Inlet pressure = 135Kg/cm ² Outlet pressure = 95 kg/cm ²
Operating temp	230°C
Flow Direction	Flow to open.
Class	1500 ANSI
Trim Material	1.4406/ SS 316LN + ST6/Equivalent
Working Temperature	150-230°C
Seat Leakage	ANSI/FCI 70.2 Class IV
Port size	100 mm.
Leakage Rate	IV
Welding ends	219/22 mm
Bonnet	Pressure seal with integral hard faced back seat
Characteristic	=%
End Connection	BW as per ASME B16.25
Valve design	As per ASME B 16.34
Testing	As per API 598
Back seat	Integral hard faced back seat
Body Material	1.7357/ ASTM A217 Gr. WC6 /Equivalent
Selected KV	160
Seat	Fully stellite
Packing	Reinforced graphite
Medium	Feed Water
Drive	Electrical
Actuator details	AUMA SAR 10.1-400V, 50Hz./ Equivalent
Power supply	3 Phase, AC,400-440V
Torque Switch	Single switch- 1 NO + 1NC- LB 6 - Heater in switch
Limit Switch	Tanden switch- 2No+2NC- LB 8.2
Regulating Potentiometer	4-20mA – 5000 Ω - LB 12.1 L
Power Rating	0.75 KW
Max. Current	01A
Valve should be mounted with actuator and have manual hand operated wheel.	

Injection Control Valves Technical Specification

	Description
Type	Globe control valve with electrical actuator. With standard trim configuration. With IBR form III C
Service	Feed water
Valve size	DN 25mm, pipe size to be match OD 38 X 3.8mm
At the time of startup Outlet Pressure	15-20 Kg/cm ² & flow 0-5 TPH
Operating Condition1	Inlet pressure = 110 Kg/cm ² Outlet pressure = 80 kg/cm ²
Operating Condition2	Inlet pressure = 150 Kg/cm ² Outlet pressure = 75 kg/cm ²
Normal Operating Condition	Inlet pressure = 135 Kg/cm ² Outlet pressure = 85 kg/cm ²
Max Flow	25 T/hr.
Minimum Flow	0 T/hr.
Working Temp	150-230°C
Flow Direction	Flow to open.
Class	1500 ANSI
Operating temp	230°C
Operating press.	160 Kg/cm ²
Trim Material	1.4406/ SS 316LN + ST6/Equivalent
Seat Leakage	ANSI/FCI 70.2 Class IV
Port size	24 mm.
Leakage Rate	IV
Welding ends	38x3.8 mm
Operating press.	160 Kg/cm ²
Bonnet	Pressure seal with integral hard faced back seat
Characteristic	=%
End Connection	BW as per ASME B16.25
Valve design	As per ASME B 16.34
Testing	As per API 598
Back seat	Integral hard faced back seat
Body Material	1.7357/ ASTM A217 Gr. WC6 /Equivalent
Selected KV	6.3
Seat	Fully stellite
Packing	Reinforced graphite
Medium	Feed Water
Drive	Electrical
Actuator details	AUMA SAR 07.1-400V, 50Hz./ Equivalent
Power supply	3 Phase, AC
Torque Switch	Single switch- 1 NO + 1NC- LB 6 - Heater in switch
Limit Switch	Tanden switch- 2No+2NC- LB 8.2
Regulating Potentiometer	4-20mA – 5000 Ω- LB 12.1 L
Power Rating	0.75 KW
Max. Current	01A
Valve should be mounted with actuator and have manual hand operated wheel.	

QAP for Feed Control valves and Injection control Valves.

SI No.	Component operation	Characteristic checked	Type of check	Class	Inspection Details				Type of Records	Acceptance Standards	Remarks	
					M	TPI	C	Extent of Inspection				
1.	Raw Material											
	A. Body	1. Physical Property	Mechanical testing	Critical	P	N.A	R	1/Heat	Lab TC	Submitted Drawing	To be tested by Govt. approved/NABL accredited Lab.	
		2. Chemical property	Chemical testing	Critical	P	N.A	R	1/Heat	Lab TC			
	B. Spindle	1. Physical Property	Mechanical testing	Major	P	N.A	R	1/Heat	Lab TC	Submitted Drawing		
		2. Chemical property	Chemical testing	Major	P	N.A	R	1/Heat	Lab TC			
	C. Seat	1. Physical Property	Mechanical testing	Major	P	N.A	R	1/Heat	Lab TC	Submitted Drawing		
		2. Chemical property	Chemical testing	Major	P	N.A	R	1/Heat	Lab TC			
	2.	Final Inspection										
		1. Overall dimensional	Measurement	Critical	N.A	N.A	P	100%	IR	Submitted Drawing		Final inspection of material will be done at BPSCL store.
		2. Body and seat leakage	Hydraulic test	Critical	P	N.A	R	100%	IR	API 598		
		3. Valve operation	Operation check	Major	P	N.A	P	100%	IR	Jam free operation with no play at any components.		
		4. Painting	Visual	Major	P	N.A	R	100%	IR	Submitted Drawing		

**LEGENDS: M: Manufacturer TPI: Third Party Inspector C: Client TC-Test certificate IR- Internal Records N.A-Not applicable
P: Performed W: Witness R: Review.**

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:.....

(To be submitted on Supplier's Letter Head)

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

We _____ (Supplier Name)

with PAN _____ having registered office at _____

_____ (Address)

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

NIT No. _____

dated _____

for procurement of _____ (item) through Reverse Auction.

We confirm that we are in a position to supply material as per the specification given in NIT. 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

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 :