



TENUGHAT VIDYUT NIGAM LIMITED

तेनुघाट विद्युत निगम लिमिटेड

(A GOVT. OF JHARKHAND UNDERTAKING)

CIN U40101JH1987SGC013153

HINOO, DORANDA, RANCHI-834002, JHARKHAND

(TEL: 0651-6900252, Fax 0651-2253841)

NIT No. 08/BMD/W/TVNL/RAN/2024-25

Due on -24/06/2024

SRM Rfx No.10000010190



TENDER DOCUMENT

SUBJECT: Overhauling of main boiler (pressure part), Fuel Firing Equipment and H.P. Valves of Boiler of Unit No.-2



TENUGHAT VIDYUT NIGAM LIMITED

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(TEL: 0651-6900252, Fax 0651-2253841)

Ref: 240/2024-25

Date:- 11.06.2024

NOTICE INVITING e-SHORT TENDER

NIT No. 08/BMD/W/TVNL/RAN/2024-25

SRM RFx No-10000010190

For and on behalf of Tenughat Vidyut Nigam Limited (TVNL), Ranchi online tender is invited in two parts (Part-I - Technical & Commercial Bid, Part-II - Price Bid to be submitted in TVNL's website <https://webdispatcher.tvnl.in/srmprd> only) from experienced, reputed and financially sound firms for **Overhauling of main boiler (Pressure parts), FUEL Firing Equipment and H.P.Valves of Boiler of Unit No.-2**. Requisite cost of Tender Document & Earnest Money is to be submitted to contact person of TVNL well before submission deadline. Hard copy of Part-I-Technical & Commercial bid may be submitted in TVNL Headquarter Ranchi on or before due date. The details of Tender are as follows:-

Description of item	Overhauling of main boiler (Pressure parts), Fuel Firing Equipment and H.P.Valves of Boiler of Unit No.-2.
Estimated Cost for One years (Rs.)	Rs. 98,99,172.60/- (Rupees Ninety eight lakh ninety nine thousand one hundred seventy two and sixty paise) only plus GST as applicable.
Cost of Tender Documents (Non Refundable) to be deposited through payment gateway link in TVNL website	Rs.10,000/- (Rupees Ten thousand) only. Plus GST extra as applicable.
Amount of EMD to be deposited in the form of BG/payment gateway link in TVNL website	Rs.1,97,984 /- (Rupees One Lakh Ninety Seven thousand Nine hundred eighty four) only.
Downloading of Tender Paper	From 14/06/2024
Last date & time of purchase of tender paper	24/06/2024 up to 12:00 Hrs.
Last Date & Time for submission of Tender Paper	24/06/2024 up to 14:00 Hrs.
Date & Time of Opening of Part-I of Tender	24/06/2024 at 15:00 Hrs.
Place of submission of bid documents and address for communication	Electrical Superintending Engineer (C&M), Tenughat Vidyut Nigam Limited, Hinoo, Ranchi-834002.

1. The bidder should have the following qualification requirement:-

TECHNICAL QUALIFICATION REQUIREMENT:-

- (a) The Tenderer shall have to submit proof of experience of successfully executed work of Overhauling of Main Boiler (Pressure Parts)/ Fuel Firing Equipments and H.P. Valves of Boiler in any Thermal Power Plant not less than 210 MW unit capacity of any TPS under Govt./ Semi Govt. / CPSU/SPSU/SEB's/Reputed Private Organization.
- (b) The Tenderer is required to submit copy (ies) of work orders as proof of successfully executed work of similar job in Thermal Power Station of unit capacity 210 MW or above during last five years as: -
 - i. Three similar completed works each costing not less than 40% of the estimated cost.
OR
 - ii. Two similar completed works each costing not less than 50% of the estimated cost.
OR
 - iii. One similar completed works each costing not less than 80% of the estimated cost.

Similar work means the bidder must have successfully executed working experience of O/H works for Overhauling of Main Boiler (Pressure Parts)/ Fuel Firing Equipments and H.P. Valves of Boiler in any Thermal Power Plant not less than 210MW unit capacity under Govt./ Semi Govt. / CPSU/SPSU/SEB's/Reputed Private Organization.

- (c) The firm has to submit a self declaration under taking that company has not been blacklisted from any organization like NTPC/BHEL/SEBs/any PSU etc
- (d) The bidder should have valid GST Registration Certificate, Employee Provident Fund Code No. and Ownership/Partnership deed.

FINANCIAL QUALIFICATION REQUIREMENT:-

- i. Average annual turnover of preceding 03 (three) financial years (i.e. 2021-22, 2022-23 & 2023-24) should not be less than 30% of the estimated cost. A certificate issued by Chartered Accountant/Auditor should be attached. Annual Accounts Reports of preceding 03 years certified by Auditor/CA for determining, overall profitability, average annual turnover etc, are to be submitted.
In case where audited result for the last preceding financial year are not available, certificate of financial statements from a practicing Chartered Accountant shall also be considered acceptable.
 - ii. The bidder should have financial credibility/ capacity of at least 10% of the estimated cost. Bidder may submit Bank solvency certificate of any Indian Nationalised/Scheduled commercial Bank in support of their financial credibility/capacity.
2. The tender document is to be downloaded from the TVNL website www.tvnl.in. Tenders will have to be submitted in TVNL Web Portal only website: <https://webdispatcher.tvnl.in/srmprd>
For easy reference "Vendor Bidding Manual for Open Tender" can be downloaded from the TVNL website homepage.
 3. After advertisement of NIT, intended bidder will first communicate with TVNL contact person EEE(C&M) for this aforesaid NIT only on his Mobile No- No-9031051183 and send their firm details well before the submission deadline. Also company's contact person name, email, Mobile no may be sent in email ID: k.ram@tvnl.in so that login ID & password can be created in SRM-SAP which will be sent to bidders contact person email. Bidder contact person has to register at TVNL website: <https://webdispatcher.tvnl.in/srmprd> with the given ID & password.
 4. The cost of tender document and the Earnest Money shall be deposited well before the submission deadline and has to be deposited only through payment gateway link in TVNL website. (DD will not be acceptable). The copy of the transaction ID or receipt may be submitted to TVNL contact person in person or by mail so that the contact person will allow access to open the RFx details and initiate bidding at TVNL website and attach the detail of part - I.
 5. Bidder have to fill as well as attach scanned copies of the related documents to qualify in the part-I (Technical & commercial) on TVNL website portal: <https://webdispatcher.tvnl.in/srmprd> and also the bidder may submit the hardcopy of bid part-I (Technical & commercial) to the ESE (C&M), TVNL, Ranchi office along with the details of paid cost of tender document and paid or BG of Earnest money deposit (EMD).

6. Bidders have to bid for part-II (Price part) on TVNL website: <https://webdispatcher.tvnl.in/srmprd> only. **Price Part is not to be submitted in Hard copy** (in sealed envelope).
7. Bidder will not get access to bidding in SRM-SAP without providing the details of cost of tender document. Any type of tempering/alteration with tender document shall not be allowed and offer, if submitted so, will be summarily rejected.
8. Tender without Earnest Money shall not be considered. Cost of tender document and Earnest Money Deposit (EMD) of requisite value as specified above is to be deposited well before submission deadline. EMD may be furnished in the form of Bank Guarantee in required format from any Indian Nationalized Bank/ Schedule Commercial Bank in favour of "TENUGHAT VIDYUT NIGAM LIMITED" payable at Ranchi. The Bank Guarantee should remain valid for 12 months. In case BG is to be submitted against Earnest money deposit (EMD) it is to be submitted to TVNL contact person in a separate envelope so that the contact person will enter the BG details against EMD in the respective RFx well before the submission deadline, failing which offers are liable for rejection.
9. The Earnest Money will be forfeited on revocation of tender before expiry of validity of the tender or on refusal to enter into the contract after the award is made by TVNL to the bidder.
10. Any corrigendum/Addendum/Extension of bid opening date and cancellation of NIT will be published through our website www.tvnl.in only and not through newspaper. The bidders are requested to visit our website regularly for any addendum/corrigendum/extension till opening of NIT.
11. The due date of bid opening as mentioned in the tender will remain firm. However, in case of unforeseen circumstances or due to administrative reasons the bids are not opened on the due date, the same shall be opened on the next working day at the same time. In case the last date of submission of bids is declared as holiday, the bids received up to the time of closing of bids on the next working day shall be considered for opening.
12. TVNL reserves the right to reject any / all offer increase/decrease or to distribute the quantity among the bidders without assigning any reason thereof.

Sd/
(R. Ranjan)
Electrical Superintending Engineer (C&M)

TENUGHAT VIDYUT NIGAM LIMITED
HINOO, DORANDA, RANCHI-834002

BILL OF QUANTITY

PART- I (TECHNICAL& COMMERCIAL)

NIT No. 08/BMD/W/TVNL/RAN/2024-25
SRM RFX No. 10000010190

Sub: Overhauling of main boiler (Pressure parts), FUEL Firing Equipment and H.P.Valves of Boiler of Unit No.-2.

S.N.	Particulars	Details to be furnished by the Bidder (Enclose separate sheets if required)	Flag No. (It is mandatory)	Write Page No. (It is mandatory)
1.	Name of the Bidder (Enclose Letter Head of firm)		I	
2.	Address of Bidder with Telephone, Fax, E-mail		II	
3.	Status of the Bidder (whether Manufacturers.....) (Enclose copy of certificate)		III	
4.	Whether the firm are a Govt. Organ./Govt. U/T.		IV	
5.	Whether the firm are registered with NSIC/SSI/ MSME (enclose copy of certificate)		V	
6.	Experience of Bidder (Attach copy of purchase order of similar work ,LR/Dispatch Documents and PI/Bill during last five years (as per Sl. No. 1.d of QR)	(Please fill ,It is mandatory) (1) Work Order No..... Date..... Dispatch Documents/ Bill Dated..... (2) Work Order No..... Date..... Dispatch Documents/ Bill Dated..... (3) Work Order No..... Date..... Dispatch Documents/ Bill Dated.....	VI	
7.	Financial Credibility/ Capacity (Attach Bank Solvency Certificate)		VII	

8.	Average annual financial turnover of bidder during the last 03 years (Attach audited Balance Sheet & P/L Account for last three financial years ending 31 st March, 2024 are essential)	(Please fill , It is mandatory) Average annual financial turnover of bidder during the last 03 (three) financial years Rs..... Annual Turnover FY 2021-22: Rs..... FY 2022-23: Rs..... FY 2023-24: Rs.....	VIII	
9.	Name & Designation of Authorized Signatory (Attach Power of Attorney if applicable)		IX	
10.	Nature of Firm (Proprietorship/Partnership /Pvt. Ltd./Public Sector) (Attach proof)		X	
11.	Permanent Account Number (PAN) (Attach proof)		XI	
12.	GST Registration Number (Attach proof)		XII	
13.	Particulars of Earnest Money (BG No. & Date) /Receipt of payment Gateway		XIII	
14.	Particulars of Cost of Tender Document(BOQ) Attach receipt for proof		XIV	
15.	Validity period of the offer (minimum 120 days)		XXIII	
16.	Whether you will deposit Security Money. If not reasons thereof with documentary proof of exemption:		XXV	
17.	Whether you will furnish the Performance Guarantee		XXVI	
18.	Whether you accept all term & conditions of B.O.Q.		XXIX	
19.	Penalty		XXX	
20.	Details required for ERP Vendor Coding:- a. Name of firm :		XXXI	

	b. Address : PIN: c. E-mail ID : d. Phone No. : e. Name of Contact Person: f. SGST No : g. CGST No. : h. PAN No: Details required for EMD Refund through RTGS/NEFT : j. Bank Name : k. Branch : l. Branch Code : m. A/c. No. : n. IFS Code : o. MICR Code :			
21.	Any extra information		XXXII	

(Signature & Seal of Bidder)

TENUGHAT VIDYUT NIGAM LIMITED
HINOO, DORANDA, RANCHI-834002

NIT No. 08/BMD/W/TVNL/RAN/2024-25

SRM RFX No. 10000010190

Sub: Overhauling of main boiler (Pressure parts), FUEL Firing Equipment and H.P.Valves of Boiler of Unit No.-2.

INSTRUCTIONS TO BIDDERS FOR ONLINE BIDDING

Due Date & Time of submission of Bids – 24.06.2024 up to 14.00 Hrs

Due Date & Time of Bid opening – 24.06.2024 at 15.00 Hrs.

Each of these instructions must be read carefully and followed strictly. Failure in complying with any of these would render your offer liable for non-submission and TVNL or its any department will not take any responsibility for any bid not successfully Submitted/Participated in **RFx (Request for Quotation)**.

IMORTANT STEPS FOR PARTICIPATION IN BIDDING.

If Bidder is interested to participate in the Open tender, then follow the below steps to provide the bid quotation.

Note: Use Only Internet Explorer browser to login into TVNL Portal.

1) Open RFx

2) Pay tender Fee & Earnest Money Deposit Amount and inform the same to TVNL contact person.

3) Click on participate button.

4) Click on Create Response Button.

5) Enter the Price in the Item tab.

6) Click on Technical RFx Button to upload the documents.

7) Finally click on Submit button before the Submission deadline date and time.

OPEN THE RFX NUMBER

PAY THE TENDER FEE & EARNEST MONEY DEPOSIT (EMD) AMOUNT

Tender Fee & Earnest Money Deposit details may be submitted to TVNL contact person in person or communicate to the contact person by email by attaching the scanned copy of Txn. slip/BG so that the contact person will allow access to open the RFx details and initiate bidding at TVNL website and attach the details of Part-I. Inform TVNL contact person to provide the access to RFx to participate in the Bidding.

OPEN THE RFX NUMBER IN THE VENDOR PORTAL

Vendor login: Login to the TVNL Vendor Portal through the URL mentioned below.

Vendor Login URL: <http://webdispatcher.tvnl.in/srmprd>

Login Page shall appear on Vendor Portal page.

Step-1: Enter the User ID and Password and Change the Password during the first login.

Step-2: Click on Logon button

Step-3: Click on **RFx and Auctions**.

Click on Event Number to open the required RFx No. For E.g. 1000000XXX

If Bidder is accessing the bidder portal for the first time then system will show the Register button once you have opened the RFX as shown in the below screen.

For the second time onwards system will not ask for bidder to Register.

After click on Register button, if bidder is not paid the “**Tender fee amount**” to TVNL then system will show the error message as shown in the below screen.

If you get the error message follow the below step:

1) First vendor will pay “**Tender fee & Earnest Money Deposit**” amount and inform the same to TVNL contractor to provide the access to RFX.

Note: Once contact person provide the access to RFX, then bidder will refresh button the RFX and proceed further.

After the bidder Register, system will show the below options to **Participate, Do Not Participate, Tentative and Create Response.**

What is “Participate” button?

- If bidder click on participate that means, Bidder interested in participating the bidding.

What is “Do Not Participate” ?

- If bidder click on Do Not Participate that means, Bidder is not interested to participate in the bidding.

What is “Tentative” button?

- If bidder click on Tentative that means, Bidder either will participate or not participate in the bidding.

What is “Create Response” button?

- After click on participate/Tentative button, bidder will use the create response to provide his/her bid quotation.

TO CREATE THE RESPONSE FOR THE PARTICULAR RFX

Step-1: Open the RFX.

Step-2: Click on Create Response.

ANSWER THE QUESTIONS IN THE RFX

After clicking on create Response button, system will show the error message. At this time, bidder will follow below steps:-

- 1) Click on Questions tab in the screen
- 2) Bidder will find Questions
- 3) Answer to those questions which are marked “*” is mandatory.
- 4) Finally click on check button to check for any error message.

ENTER THE PRICE OF THE ITEMS IN THE RFX RESPONSE

Enter the Price for all the line items and click on Check if in case of errors and click on Submit to complete the RFX Response.

ASK QUESTIONS TO TVNL IF YOU HAVE ANY DOUBTS REGARDING THE RFX

As a Bidder if You have some questions related to RFX and bidder can also ask questions before submitting the bid.

Step-1: Click on “**Questions and Answers (0)**” button.

Step-2: Enter the Question and click on Send button to send the question to purchaser/TVNL.

Vendor enters the Message and clicks on “**Send**” button.

TO UPLOAD THE DOCUMENTS IN THE RFX RESPONSE AS A BIDDER

Step-1: Click on “**Notes and Attachments**” tab

Step-2: Click on “**Collaboration Room**” as shown in the below screen to upload the documents.

Step-3: Click on Bidder Document folder.

Step-4: Click on Create Button.

Step-5: Select the Documents to upload the documents

Step-6: Enter the Name, Description of the document and click on Continue

Step-7: Click on Browser button to select the document in your local system.

Step-8: Once the document is selected click on save button.

Step-9: The saved document will be shown.

Step-10: Click on Logout and close the window once you have uploaded all the documents.

TO SUBMIT THE RFX RESPONSE AS A BIDDER

Once you have completed the Price, uploaded the documents click on check button for any errors. If there is no errors system will show the below message. Click on Submit button to complete the bidding.

After submitted the system will show the RFX Response status as **“Submitted”**.

You can change the RFX Response even after bid has been submitted only when the submission date or time is still remaining (Not passed).

Step-1: Open the RFX Response

Step-2: Click on Edit Button

Step-3: Make changes in the RFX Response and Click on Submit.

You can also click in the Withdraw button to withdraw a bid and then If you Click on Edit button after withdrawal you can again make changes and resubmit the RFX Response if the submission time is remaining.

ONLINE PAYMENT PROCESS

After registering against the RFX you have to follow the below steps:

1. Go to TVNL website <http://tvnl.in>
2. Click on the navigation tab “ Tender Payment” link (at the Top Right hand side of the TVNL web home page).
3. It will redirect you to the online payment page.
4. Enter your User Id to proceed further.
5. Enter the RFX no. for which you want to participate.
6. Click on the **“Go”** button.
7. Click on the Pay button to proceed for payment of **“Tender Fee”** or **“EMD”**.
8. It will redirect you to the payment gateway for payment.
9. Enter your card details or go for online banking for payment.

(Signature & Seal of Bidder)

TENUGHAT VIDYUT NIGAM LIMITED
HINOO, DORANDA, RANCHI-834002

NIT No. 08/BMD/W/TVNL/RAN/2024-25

SRM RFX No. 10000010190

Sub: Overhauling of main boiler (Pressure parts), FUEL Firing Equipment and H.P.Valves of Boiler of Unit No.-2.

<u>GENERAL INSTRUCTIONS TO BIDDERS</u>	
01	The tender document is to be downloaded from the TVNL website www.tvnl.in Tenders will have to be submitted in TVNL Web Portal only website https://webdispatcher.tvnl.in/srmprd For easy reference " Vendor Bidding Manual for Open Tender " can be downloaded from the TVNL website homepage
02	First time bidder will first communicate with TVNL contact person with their firm details well before the submission deadline like Name, address, email, phone nos. and company's contact person name, email, Mobile no. may be sent in email ID: kavindraram.tvnl@gmail.com , so that login ID & password can be created in SRM-SAP which will be sent to bidders contact person email. Bidder contact person has to register at TVNL website: https://webdispatcher.tvnl.in/srmprd with the given ID & password.
03	The cost of tender document shall have to be deposited through payment gateway link provided in TVNL website which is Non Refundable. Detail regarding the Transaction has to submitted to TVNL contact person, in person enclosed with a letter or by email giving detail of Rfx no. tender name in which the bidder has register and wish to participate. The contact person will allow access to open the RFX details and initiate bidding at TVNL website and attach the details of Part-I. Bidder will not get access to bidding in SRM-SAP without providing the detail of cost of tender document and Earnest money deposit (EMD) deposited.
04	The bidder has to submit in sealed envelope hardcopy of all the enclosures uploaded of bid part-I (Technical & commercial) to ESE(C&M-I), TVNL, Ranchi office along with the copy of Txn. Slip of cost of tender document and Txn. Slip / BG of Earnest money deposit (EMD) should submitted personally or sent by Registered Post / Speed Post. The NIT no., bid due date, details of cost of Tender and earnest money deposit (EMD) should be super scribed on the envelope. Bidders have to bid for part-II (Price part) on TVNL website: https://webdispatcher.tvnl.in/srmprd only. Price Part is not to be submitted in Hard copy
05	Offers shall be accompanied with details of earnest money deposit (EMD) of requisite value as specified failing which offers are liable for rejection. EMD may be furnished in any of the following forms:- (a) Through payment gateway link provided in TVNL website. (DD will not be acceptable). (b) Bank Guarantee from a Nationalized bank/Schedule commercial bank irrevocable & operative till 30 days after the validity of the offer or extended validity of the offer. (c) The earnest money will be forfeited on revocation of tender before expiry of validity of the tender or on refusal to enter into the contract after the award is made by TVNL to the tenderer. (d) Tenders without Earnest Money shall not be considered other than NSIC/SSI registered and Jharkhand registered MSEs firms. Jharkhand registered Non MSE firms will get 50% concession in EMD. A copy of such registration/ license/certificate as per MSME act has to be furnished for claiming exemption/concession in EMD. SSI/ MSME units of Jharkhand will be given preference as per Govt. rule.
06	In case of any change in the name of the company/address viz-a-viz what has been indicated in the tender enquiry, bidders are requested to intimate such changes in advance supported by relevant documents failing which the offer may be treated as unsolicited and run the risk of being not opened.
07	The rates quoted shall be FOR TTPS, Lalpania basis. However, if the vendor quotes on ex-works/ dispatching station basis the freight charges at the rate of 2% shall be loaded on quoted ex – works/dispatching station basic price. Material is to be dispatched through authorized transporter of TVNL on Freight to pay basis. If the vendor quotes on FOR destination/FOR dispatching station/ex-works but freight paid up to destination basis ,packing and forwarding and freight components should be shown separately as ED and ST shall be payable on Ex-works price only and shall not be applicable on freight charges.

08	Offer should be strictly as per specification/drawings/samples as spelt out in the enquiry. Deviations there from, if any, shall be clearly spelt out by the tenderer with reason. In case no such deviations are indicated, it shall be taken for granted that the item has been offered strictly as per requirements given in the enquiry.
09	Tenderer should base his offer as per delivery schedule in the enquiry. In case of any deviation, the tenderer should quote his best, realistic delivery. The same shall be specific and guaranteed. The delivery period shall commence from the date of Letter Of Intent/Purchase Order, whichever is the first intimation of acceptance of vendor's offer. Final dates of delivery shall be the date of dispatch of materials evidenced by the relevant Goods Receipt Note(GR). Wherever stage inspection or Pre-dispatch inspection is involved ,the vendor shall take account 21 days notice to TVNL for deputing inspector. The delivery period shall be inclusive of the time taken for such inspection. For delays beyond the contractual delivery period, provisions of TVNL General Purchase Conditions shall apply.
10	TVNL reserves the right to accept or reject any/all offers increase/decrease the tendered quantity or distribute the quantity among the bidders without assigning any reason thereof.
11	In case of non submission of bid, tenderer may sent a regret letter and return all bid documents/drawings etc. if any, enclosed with the bid.
12	Order placed as a result of this enquiry shall be subject to the purchasers General Purchase Conditions, a copy of which enclosed. Tenderer is requested to confirm acceptance in toto in their offer.
13	All tenderer shall submit along with their bid latest valid Income Tax Clearance Certificate or else their bid are liable for rejection.
14	Make/Brand of the item offered shall be specified failing which offers are liable for rejection. One copy of detailed descriptive literature/pamphlets shall be enclosed along with the offer.
15	Our standard terms of payments are 100% payment within 30 days of receipt and acceptance of the materials at our stores.
16	The prices quoted shall be exclusive of GST.
17	Test Certificate of Manufacturer/Govt. Test House shall be required to be submitted wherever so stipulated.
18	Tenderers shall certify that the quoted rates are applicable to Govt. Depts/Public Sector Undertakings.
19.	The quoted rates must be firm till the complete execution of the contract.
20	Tenderers are requested to fill in the enclosed proforma for Terms and Conditions and submit the same along with their offer.
21	The list of customers to whom tenderer had supplied similar equipment in the past along with the purchase order copy, performance certificate if any, should be furnished.
22	In case the material offered is of ISI mark/tested at any Govt. recognized test house ,copies of relevant test certificate should be enclosed with the offer.
23	Tenders will be opened in the presence of bidder or their authorized representative themselves.
24	Bidder should note that printed terms and conditions shall not be considered for evaluation purposes unless otherwise Specifically mentioned in the offer itself.
25	Bidders should quote their prices excluding insurance charges as all transit insurance will be covered by TVNL open policy. To this effect loading of 0.15% shall be done on their offer towards insurance charges.
26	In case any clause is not acceptable to the tenderers', the same should be specifically brought out in the bid with a categorical confirmation that all other clauses are acceptable to the bidder. If no mention is made in this regard, it shall be presumed that all the clauses mentioned herein above are acceptable to bidder
27	The offers should be valid for a minimum period of 120 days from the date of bid opening.

(Signature & Seal of Bidder)

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NIT No. 08/BMD/W/TVNL/RAN/2024-25
SRM RFX No. 10000010190

Sub: Overhauling of main boiler (Pressure parts), FUEL Firing Equipment and H.P.Valves of Boiler of Unit No.-2.

GENERAL PURCHASE CONDITIONS

01	<p><u>Definition</u> The following terms and expressions used herein shall have the meaning as indicated therein:- Supplier/ Bidder/Vendor : Shall mean the individual firm, Company or Corporation whether incorporated or otherwise to whom this Purchase Order is addressed and shall include its permitted assigns and successors. Purchaser/ Owner : Shall mean TenughatVidyut Nigam Limited, a company incorporated in India under the Companies Act. 1956, having its registered office at Hinoo, Doranda, Ranchi, and shall include its permitted successors and assigns.</p>
02	<p><u>Reference</u> The number of this Purchase Order must appear on all correspondence, drawings, invoices, packing and shipping documents and on all documents or papers connected with Purchase Order.</p>
03	<p><u>Specifications and Drawings</u> Any information, details etc. called for in the specification and not shown in the drawing and vice versa shall have the same effect and meaning as if called for and shown both in the specification and drawings. In case of conflict between the specifications and drawings, the decision of the Purchaser or his duly authorized representative shall be final and binding.</p>
04	<p><u>Price Basis</u> Price mentioned in the Purchase Order shall be firm and not subject to escalation till the execution of the complete order and its subsequent amendments accepted by the vendor even though the completion/ execution of the order may taken longer time than the delivery period specified and accepted in the Purchase Order.</p>
05	<p><u>Taxes, Levies and Duties</u> GST, Levies and any other duties payable shall be shown separately in the invoice. This shall be to the account of the Purchaser/ Owner, unless otherwise mentioned in the Purchase Order.</p>
06	<p><u>Inspection/ Checking testing</u> As per clause no. 06 & 07 of PTC.</p>
07	<p><u>Access to Vendors Premises</u> The Owner and/ or his authorized representative shall be provided access to vendors and/ or his sub vendors premises, at any time during the pendency of the Order, for expediting, inspection, checking etc. of work.</p>
08	<p><u>Removal of Rejected Goods and Replacement</u> If upon delivery, whether inspected and approved earlier or otherwise, the material/ equipment is not in conformity with the specifications, the same shall be rejected by the Purchaser or his duly authorized representative and notification to this effect will be issued to the vendor normally within 30 days from the date of receipt of the material at the Work Site Office/Stores.</p>
09	<p><u>Terms of Payment</u> The payment will be made by the Owner to the vendor on accordance with the terms and conditions specified in the Purchase Order. All payments shall normally be made from the office of the purchaser situated at Hinoo-Doranda-Ranchi:834002</p>
10	<p><u>Additions/ Alterations/ Modifications</u> The Owner reserves the right to make additions/ alteration/ modifications to the quantity of the items in the Purchase Order. The vendor shall supply such quantities also at the same rate as originally agreed to and incorporated in the Purchase Order. If however, the additional work is at variance in design, size and specifications and not already covered by the Purchase Order or the amendments therein, the rates for such additional work shall be negotiated and mutually agreed.</p>
11	<p><u>Delivery Schedule</u> Time is the essence of this Order and no variation shall be permitted in the delivery time/ delivery schedule mentioned in the Order. Delivery of the equipment/ materials described shall be deemed to constitute acceptance of this Order and terms and conditions by the vendor at the price specified.</p>
12	<p><u>Liquidated Damages for Delay in Delivery</u></p> <ol style="list-style-type: none">1. In case of any delay in the execution of the Order beyond the stipulated date of delivery/ delivery schedule including any extension permitted in writing, the Owner reserves right to recover from the vendor a sum equivalent to 0.5% of the value of the delay materials/ equipment for each week of delay and part thereof subject to a maximum of 5% of the totalvalue of the Order.2. Alternatively, the Purchaser reserves the right to purchase the material/ equipment from elsewhere at the sole risk and cost of the vendor and recover all such extra cost incurred by the purchaser in procuring the material by the above procedure.3. Alternatively the purchaser may cancel the Order completely or partly without prejudice to his right under

	<p>the alternatives mentions above.</p> <p>4. In event of recourse to alternative 12.2 and 12.3 above, the Owner will have the right to repurchase the stores, which are ready available to meet the urgency in requirement caused by vendors failure to comply with the schedule delivery irrespective of the fact whether the materials/ equipments are similar or not.</p>
13	<p><u>Source of Supply</u></p> <p>The vendor shall insure that the indigenous capacity is utilized to the fullest extent possible in execution of this Order. Where the imports are unavoidable, all such items be imported by the vendor in good time against his own import license without effecting the contractual delivery schedule.</p>
14	<p><u>Patent Rights</u></p> <p>Royalties and fees form patents covering material/ equipment or processes used in executing the work shall be to the account of the vendor. The vendor shall satisfy all demands that may be made at any time for such royalties and fees and he alone shall be liable for damages, infringement and shall keep the purchaser indemnified in that regard in the event of any equipment/ material or part thereof supplied by the vendor is involved in any suit or other proceedings held to constitute infringement and its use is enjoyed, the vendor shall, at his own expenses, either procure for the purchaser the right to continue the use of such equipment/ material replace it with a non infringing material/ equipment or modify it so it become non-infringing.</p>
15	<p><u>Force Majeure</u></p> <p>Vendor shall not be considered in default if delay in delivery occurs due to causes beyond his control such as acts of God, natural calamities, civil wars, strikes, fire, frost, floods, riot and acts of unsurpassed power. Only those causes which have duration of more than 7 days shall be considered cause of force majeure. A notification to this effect duly certified by local chamber of commerce/ statutory authorities shall be given by the vendor to the Owner by registered letter. In the event of delay due to such causes, delivery schedule will be extended for a length of time equal to the period of force majeure or at the option of the Owner, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the Owner. In the event of such cancellation, the vendor shall refund any amount advanced or paid to the vendor by the Purchaser and deliver back any materials issued to him by the Purchaser and release facilities, if any provided by the Purchaser.</p>
16	<p><u>Cancellation</u></p> <p>The Owner reserves the right to cancel the Order in the part or in full by giving one week advance notice thereby if:-</p> <ol style="list-style-type: none"> (a) The vendor fails to comply with any of the terms of the order. (b) The vendor becomes bankrupt or goes into liquidation. (c) The vendor makes general assignment for the benefit of the creditors, and (d) Any receiver is appointed for the property owned by the vendor.
17	<p><u>Waiver</u></p> <p>Any waiver by the owner of any breach of the terms and conditions of the order shall not be constitute any subsequent breach of the waiver of any other right or conditions.</p>
18	<p><u>Compliance of Regulations</u></p> <p>The vendor shall warrant that all Goods and/ or services covered by this Purchase order shall have been produced, sold, dispatched ,delivered, tested and commissioned in strict compliance with all applicable laws, regulations including industries (development & Regulations) act. 1951 and any amendment there under, labour agreements, working conditions and technical codes and requirement as applicable from time to time.</p> <p>The vendor should execute and deliver such documents as may be needed by the Purchaser in evidence of compliance. All laws, rules and regulations required to be reference. Any liability arising out of contravention of an of the laws on executing this order shall be the sole responsibility of the vendor and the owner shall not be responsible in any manner whatsoever.</p>
19	<p><u>Sub- Letting & Assignment</u></p> <p>The vendor shall not sub-let transfer or assign any part of this Purchase Order, without the prior written consent of the Purchaser. Such assignments or subletting or transfer shall not relieve the vendor from any obligation , duty and responsibility under his Purchase Order. Any assignment, transfer or subletting without the prior written approval of the owner shall be void. The Purchaser shall have the right to cancel the order and to purchase the goods from elsewhere and the supplier shall be liable to the purchaser for any loss or damage which the purchaser may sustain in consequence or arising out of such purchase and the vendor shall indemnify such loss or damage to the owner.</p>
20	<p><u>Vendors Drawing & Date</u></p> <p>All Drawings, data and documentation in respect of the ordered items are an integral part of the Purchase Order. The vendor will furnish all such drawings, data and documentation to the Purchaser. The schedule for submission of these documents by the vendor and the required number of copies shall be specified by Purchaser. The vendor shall ensure strict compliance to this schedule.</p>
21	<p><u>Information Provided by the Purchaser</u></p> <p>All Drawings, data and documentation that are given to the vendor by the Purchaser for the execution of the order shall be the property of the Purchaser and shall be returned by the vendor on demand by the purchaser. The vendor shall not make use of any of the above documents for any purpose at any time except for the purpose of executing the order to the Purchaser. The vendor shall not disclose any of the information given by the Purchaser to any person, firm, body, corporate and/ or authority and shall use all endeavours to ensure that above information is kept confidential. All such information shall also remain the absolute property of the Purchaser.</p>

22	<p><u>Spare Parts, Oils & Lubricants</u> Wherever applicable, the vendor shall furnish item wise price list of spare parts required for two years operation of the equipment ordered. The vendor shall also provide the necessary instructions and drawings to identify the spare part numbers and their location as an interchange ability chart. The vendor shall recommend the quality of oils and lubricants required to be used in the operation of the equipment supplied under this Order for a continuous operation for a period of at least one year.</p>
23	<p><u>Vendor Liability</u> Vendor hereby accept full responsibility and indemnifies the Purchaser and shall hold the Purchaser harmless from all acts of omissions and commissions on the part of the vendor, his agents, his subcontractors and employees in execution of the Order. The vendor also agrees to defend and hereby undertakes to indemnify the Purchaser and also hold him harmless from any and all claims for injury to or death of any and all persons including but not limited employees and for damage to the property arising out of or in connection with the performance of the work under the Purchase Order.</p>
24.	<p><u>Splitting of Quantity</u> The owner reserves the right to splitting of quantity into more than one bidder at the time of placement of order. The distribution of order will be in the ascending order (starting from L₁) and the lowest bidder will get the more weightage in distribution of quantity.</p>

(Signature & Seal of Bidder)

TENUGHAT VIDYUT NIGAM LIMITED
HINOO, DORANDA, RANCHI-834002.

NIT No. 08/BMD/W/TVNL/RAN/2024-25
SRM RFX No. 10000010190

Sub: Overhauling of main boiler (Pressure parts), FUEL Firing Equipment and H.P.Valves of Boiler of Unit No.-2.

Principal Terms and Conditions (PTC)	
01	Acceptance of tenders: - The purchaser is not bound to accept the lowest tender or to assign any reason for the rejection of the lowest tender. The purchaser reserves the right to extend the due date and to reject any/ all the tenders or to increase / reduce/ distribute the quantity of tender without assigning any reason thereof.
02	Price: - Rate should be quoted F.O.R, TTPS (stores), Lalpania.
03	Packing & Forwarding & :- The Tenderer should ensure the materials are securely packed to safeguard against any damage in transit. Packing and Forwarding charges will generally be paid to the Principal manufacturer and not to its authorized dealers and distributors. If the Tenderer wants extra payment in the head of packing & forwarding/ handling etc., the same must be clearly mentioned in the tender without whom the claim for extra amount will not be considered.
04	Freight Charges: Tenderer should clearly mentioned freight charges.
05	GST: - GST will be paid extra as admissible under rule at concessional rate against CGST/ SGST declaration form. The Tenderers are required to indicate their GST registration no. No tender will be considered if this no. is not mentioned.
06	Security deposit: - i) The successful Tenderer shall have to deposit security equal to 5% of the order value (including earnest money which will be retained as security) within the date specified in the acceptance of the tender/ purchase order. ii) Security money (balance amount after deduction of earnest money) will be accepted as Bank draft/ Bank Guarantee in the prescribed format not adjustable against running bill. The same will be released after completion of the guarantee period.
07	Inspection: - The material will be got inspected by the authorized inspector of TVNL either at the Tenderer manufacturing base, stores or after arrival of the materials at TTPS Central stores as per necessity.
08	Rejection of defective materials: - Items found defective or inferior in quality and not as per tender specification shall be rejected and replacement will have to be made by the supplier free of cost.
09	Test Certificate: - The certificate of technical specification etc issued by the authorized inspector of TVNL shall have to be submitted along with the consignment.
10	Payment Terms: - 100% payment will be made by cheque / RTGS on receipt of materials in good condition in our stores along with inspection report.. Payment shall be made by the paying authority on receipt of bill in triplicate duly verified by the consignee along with SRV provided Performance Guarantee and Security Deposit etc. have been furnished by the firm against supply items.
11	Guarantee: - The material supplied shall be guaranteed against manufacturing defects, bad workmanship and unsatisfactory service for a period of 18 months from the date of dispatch or 12 months from the date of materials being put in service whichever is earlier. In the event of any manufacturing defect or bad workmanship and unsatisfactory service, the materials supplied will have to be replaced forthwith free of cost to TVNL.
12	Performance Guarantee: - The supplier shall furnish a Bank Guarantee of 5% (five percent) of the order value in the prescribed Performa of TVNL towards the Performance guarantee. The Bank Guarantee from any Nationalized Bank shall be furnished in this office within 25 days from the issue of this order and shall be valid up to guarantee period not to be adjusted against running bills.
13	Delivery Period: - The items against this order should be delivered in good condition to the consignee within three months. However an early delivery will be highly appreciated.
14	Penalty: - If materials are not supplied within delivery period, a penalty @ 0.5% per week maximum up to 5% of the total undelivered quantity of material will be imposed except under force majeure.
15	Validity of Offers:- The tenders should remain open for acceptance for a Period of 120 days from the date of opening of Part-I unless otherwise specified.
16	Paying Authority: - The Accounts Officer / DDA, TVNL, Ranchi will be the Paying Authority.
17	Late Receipt of the Tender: - Special attention of the bidder is invited about the submission of the tender in time. Tenders received after the stipulated date and time due to any reason, whatsoever, shall not be considered. Bidders are requested to ensure that the tenders are quoted and the hard copy of the Part-I is delivered in the office before the prescribed date and time.
18	Consignee: - EEE (Stores), TTPS, Lalpania, Bokaro will be the consignee of the items.
19	Transit Insurance: - The consignment shall be insured before dispatch. The TVNL have its own marine policy with insurance

	company. The consignee must be informed and asked for the details of Insurance Company through which it would be insured before dispatch.
20	Execution of Agreement: - The firm and his legally authorized representative having Power of Attorney will have to execute agreement with the undersigned within 25days of issue of order in the event of placement of order on them. The agreement will have to be prepared on a non-judicial stamp paper of Rs.50/- only on Nigam's format. Bank Guarantee against Security Deposit, Performance Guarantee etc. as per order will have to be furnished well before execution of agreement. Payment against supply will be made only after execution of agreement.
21	Quality Plan: Bidder has to submit their quality plan.
22	Jurisdiction of Court: - Any dispute between the purchaser and the Tenderer shall be settled in the civil court, Ranchi.
23	In case the terms and conditions of the bidder are found different from our BOQ, their price part may not be entertained.
24	These terms and conditions shall form a part of the contract.

(Signature & Seal of Bidder)

HINOO, DORANDA, RANCHI-834002.

BILL OF QUANTITY

PART – II (PRICE PART)

NIT No. 08/BMD/W/TVNL/RAN/2024-25

SRM RFX No. 10000010190

Sub: Overhauling of main boiler (Pressure parts), FUEL Firing Equipment and H.P.Valves of Boiler of Unit No.-2.

Sl. No	Description	Qty (MT)	Rate (inRs.)	Amount (inRs.)
1	Thorough Cleaning of Boiler & APH Externally and Cleaning of Pent House Roof, Drum House, Dog House, Cat House, 2nd Pass, Eco Hoppers, APH Hoppers & Their Interconnecting Duct, Bottom Ash Hoppers, Erection of all Other Temporary Scaffoldings for this Purpose.	1.000	X	X
2	Erection of Cup Lock Scaffoldings in Boiler (1st Pass) including Erection of Cup-Lock Stair Case in Boiler Pass-I & their removal after work.	1.000	X	X
3	Cleaning of Boiler Internals through H.P. Jet Pump, during OH of Boiler of Unit No.2. Cleaning of Boiler Water Wall.	1.000	X	X
4	4 Cleaning of Boiler Internals through H.P. Jet Pump, during OH of Boiler of Unit NO.2- Cleaning of Final SH/ HRH.	1.000	X	X
5	Cleaning of Boiler Internals Through H.P. Jet Pump, During OH of Boiler of Unit No.2- Cleaning of Pendant SH/ CRH.	1.000	X	X
6	Inspection & Cleaning of Drum Internals, D.P. Test of All Welding Joints.	1.000	X	X
7	Thickness Survey of Boiler Tubes, WW/ ECO/ SCW/ Screen Tubes/ RH/SH /LTSH at Different Elevation, Horizontality /Vertically by D-MT.	1.000	X	X
8	D.P.Test of Old Joints, Hand Hole Caps of Headers, etc	1.000	X	X
9	Repairing of Pent House - Cutting & Removal of Skin Casing of Pent House From I/L Header SHH-01 to O/L Header SHH-02 by Using Gas Cutter, Saw Cut Fins cutting its removal and removal of complete damaged refractories.	1.000	X	X
10	Repairing of Pent House - Correction of all Misaligned Tubes of Radiant Roof(120 NOS.), Their Alignment with the help of chain block by pulling & straightening. If required, their cutting, transportation to the workplace , straightening by heating, pulling & application of Hydraulic Jack, Lifting of straightened Coil, their refitting. Fabrication of C-clamp and locking piece and its fitting on Roof Tubes	1.000	X	X
11	Repairing of Pent House - Repairing/Replacement of skin casing of Pent House From I/L Header SHH-01 TO O/L Header SHH-02 by M.S. welding including fabrication of expansion boxes	600.00	X	X
12	Repair of Skin Casing, Wind Box & its Expansion Joint, Roof of Super Heater & Fins Welding.	600.00	X	X
13	Tube Joints by H.P. Welding. (ECO=850, LTSH=750, SCW=100, Water Wall/Screen Tube=200, CRH=300, HRH=150,SH=150Approx)	2,500.00	X	X
14	Cassette Baffle Replacement/Setting(After Repairing) in	200.000	X	X

	LTSH, Economizer Upper & Lower Bank Coils.			
15	Application of Protective Sleeve on Eroded Boiler Tubes.	2,000.00	X	X
16	Replacement of Economizer Upper and Lower Bank Coils with New/ Reclaimed Coils Including, Fabrication of Support hanger, Correction of Hanger Plates & U-Clamps.	145.000	X	X
17	Lifting of LTSH Coil for Repairing Purpose & Their Re-fitting after work(Including Cutting of Support & Their Page 1 / 5 Indent No :400006114 Date :08.12.2023 Fabrication, Installation.	25.000	X	X
18	PAD Welding on Stubs of Superheater Header.	2,000.000	X	X
19	Fabrication/Manipulation of Cold Bend (Bhel make tube piece will be supplied by the depart.	100.000	X	X
20	Fuel Firing equipments- removal of worn out Coal Compartment Assembly, their refitting, including setting of burner tilt mechanism for their synchronous operation	24.000	X	X
21	Fuel Firing Equipments - servicing of SADC all four corners and Replacement/Rectification of Defects of air nozzles & oil diffusers.	1.000	X	X
22	Refractory of Drum House, Dog House, Pent House, Furnace Gooseneck Arc and other area of furnace as per direction of E/I.	30.000	X	X
23	Checking of arm, hinges, pins & Looseness in Buckstay Beams, its Correction, Fitting of Scallop Bars, Checking& Correction of all expansion rods.	1.000	X	X
24	Replacement of Gaskets of flanges of Steam Pipelines.	5.000	X	X
25	Checking, Correction and Cold Setting of Hanger Supports of Steam Pipelines/Boiler. Nos 40 859.60 34384.00 W.O. No.- 433333609, Dated- 22.08.2023	40.000	X	X
26	Repairing of Man-Holes/ Inspection Holes/ Safety Flaps by Cutting, Welding.	50.000	X	X
27	Insulation & Sheet Casing of Pressure Part, Boiler Drum, Ring Header Area, Steam Piping of Unit No.-2	1500.000	X	X
28	OH of Main Steam Valve (MS-1/MS-2).	2.000	X	X
29	Overhauling of Valves. Size: Ø 25 MM (Pneumatic/Hand Operated/Motorised)	20.000	X	X
30	Overhauling of Valves. Size: Ø 40 MM TO Ø 50 MM (Pneumatic/Hand Operated/Motorised)	25.000	X	X
31	Overhauling of Valves. Size: Ø 65 MM (Pneumatic/H.O/Motorised)	15.000	X	X
32	Overhauling of Valves. Size: Ø 100 MM TO Ø 150 MM (Pneumatic/H.O/Motorised)	12.000	X	X
33	Overhauling of Valves. Size: Ø 200 MM TO Ø 250 MM (Pneumatic/H.O/Motorised)	4.000	X	X
34	Overhauling of Valves. Size: Ø 300 MM (Pneumatic/H.O/Motorised)	8.000	X	X
35	OVERHAULING OF PRDS DE- SUPER HEATING NRV.	1.000	X	X
36	Gland packing of Drain/ Vent Valves/ Instrument Line Valves .	80.000	X	X
37	Replacement of Damaged Valves (Size: Ø 15 MM TO Ø	30.000	X	X

	25 MM)			
38	Replacement of Damaged Valves (SIZE: Ø 40 MM TO Ø 50MM)	25.000	X	X
39	Replacement of Damaged Valves (SIZE: Ø 65 MM TO Ø 100 MM)	20.000	X	X
40	O.H of Vents, Drains of Prds, Re-Heater, Super-Heater, Feed Water Drains. Size- Ø 25 MM	30.000	X	X
41	OH of Boiler Group/PRDS Safety Valves.	12.000	X	X
	TOTAL	X XXXXXXXXX	XXXX	XXXXXXX
	GST extra as applicable.			
	G.TOTAL			

(Signature & Seal of Bidder)

Note:- The price bid to be submitted in TVNL SRM web site only.