TENUGHAT VIDYUT NIGAM LIMITED
(A GOVT. OF UNDERTAKING)

JUPMI Building Premises in ABD Area, Smart City
Dhurwa, Ranchi-834004, Jharkhand

Website: www.tvnl.in

CST NO:229C	TIN NO:200992201429	PAN NO: AACCT1197L	GST No. 20AACCT1197L1ZC

NIT No.: 22/C&I-I/P/TVNL/RAN/2025– 26

Due on – 11.10.2025

RFx/Event No. 1000011095

GEM BID No. - GEM/2025/B/6693773

TEN DER DOCUMENT

SUBJECT: Supply and commissioning of H2 Purity Analyzer set of Purity Panel for Unit #2 at TTPS, Lalpania.

TENUGHAT VIDYUT NIGAM LIMITED

(A GOVT. OF JHARKHAND UNDERTAKING)

JUPMI Building Premises in ABD Area, Smart City
Dhurwa, Ranchi-834004, Jharkhand

Ref. No. –917/25-26 **Dated: 26.09.2025**

NOTICE INVITING TENDER

NIT NO- 22/C&I-I/P/TVNL/RAN/2025– 26

RFx/Event No. 1000011095

For and on behalf of TENUGHAT VIDYUT NIGAM LIMITED (TVNL), Ranchi tenders in two parts (Part-I Technical & Commercial Bid, Part-II Price Bid to be submitted in GeM portal Website Only) (A- Earnest Money of specific value to be submitted well before submission deadline, B-Technical & Commercial) are invited online through GeM Portal: https://gem.gov.in/ from experienced, reputed and financially sound firms for Supply and commissioning of H2 Purity Analyzer set of Purity Panel for Unit-2 at TTPS, Lalpania. Hard copy of Part-I-Technical & Commercial bid is also to be submitted in TVNL Headquarter Ranchi on or before due date. The detail of Tender is as follows: -

Description of Work	Supply and commissioning of H2 Purity Analyzer set of Purity Panel for Unit #2 at TTPS, Lalpania.
Estimated Cost (Rs.)	Rs. 27,60,000.00 (Rupees twenty-seven lakh sixty thousand) plus GST extra as applicable.
Cost of Tender Documents	Not applicable.
Amount of EM to be deposited in the form BG or to be deposited in GeM website through the payment gateway	Rs. 55,200/-(Rupees fifty-five thousand two hundred) only.
Last Date& Time for receipt of Tender Paper	**11.10.2025, up to 14:00 Hrs.**
Date & Time of Opening of Part-I of Tender	**11.10.2025, at 14:30 Hrs.**
Place of submission of bid documents and address for communication	Electrical Superintending Engineer (OS/C&M), Tenughat Vidyut Nigam Limited, Dhurwa, Ranchi-834004.

1. The Tenderer should have the following Qualifying Requirements (QR) :-

a. The bidder should be a manufacturer i.e., **M/s ABB Ltd. or their authorised dealer**.

b. The bidders should have to submit Copies of Purchase Order for Supply and commissioning of H2 Purity Analyzer under any Govt. /Semi Govt. / CPSU/SPSU/ SEB's/any reputed Pvt. Sector Company.

c. The average annual financial turnover of bidder during the last 03 (three) financial years, ending 31st March of 2024 should be at least 30% of estimated value.

Bidder should have to submit copy of Audited Annual Report (Financial statement) including Profit & Loss Accounts as well as Balance Sheet clearly evidencing the Annual Turnover figure in support of their meeting above stipulated financial criteria. In case of non-availability of Audited Annual Reports, the Bidder shall furnish a certificate from a Chartered Accountant stating annual turnover for the last three consecutive financial years ending 31st March 2024.

d. The bidder should have to submit Copies of LR/Dispatch Documents/PI/Bill along with performance certificate as proof of experience of having successfully completed similar orders during last 05(five) years ending last day of month previous to the one in which tenders are invited. The successful completed similar orders shall be either of the following: -

i. Three completed similar order each costing not less than the amount equal to 40% of estimated value.

OR

ii. Two completed similar order each costing not less than the amount equal to 50% of estimated value.

OR

iii. One completed similar order costing not less than the amount equal to 80% of estimated value.

"**Similar order**" means "Supply and commissioning of H2 Purity Analyzer**"**.

e. The bidder should have financial credibility /capacity of at least 10% of estimated value. Bidder may submit recent Bank Solvency Certificate from any Indian Nationalized/Scheduled Commercial Bank of current financial year in support of their financial credibility/capacity.

f. The bidder should have GSTIN no., PAN no.

g. Bidder have to submit a self-certified letter that the bidder is not blacklisted by any of central govt./state govt./central PSU/state PSU at the time of submission of tender.

2. The tender document is to be downloaded from the TVNL website www.tvnl.in / GeM Portal website: https://gem.gov.in/. Tenders will have to be submitted in GeM Portal website: https://gem.gov.in/.

3. Bidder have to fill as well as attach scanned copies of the related documents to qualify in the part-I (Technical & commercial) on GeM Portal website: gem.gov.in failing which the bid may be rejected.

4. 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.

5. 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.

6. Any corrigendum/Addendum/Extension of bid opening date and cancellation of NIT will be published through GeM Portal website: gem.gov.in and TVNL website www.tvnl.in only and not through newspaper. The bidders are requested to visit the website regularly for any addendum/corrigendum/extension till opening of NIT.

7. 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.

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/-
(Nurul Hoda)
Electrical Superintending Engineer (OS/C&M)

NIT NO- 22/C&I-I/P/TVNL/RAN/2025– 26
RFx/Event No. 1000011095

Sub: Supply and commissioning of H2 Purity Analyzer set of Purity Panel for Unit #2 at TTPS, Lalpania.

S.N.	Particulars	Details to be furnished by the Bidder (Enclose separate sheets if required)	Flag No.	Page No.
1.	Name of the Bidder (Enclose Letter Head of firm)		I	
2.	Address of Bidder with Telephone & E-mail		II	
3.	Status of the Bidder (whether Manufacturers or authorized dealer) (Enclose copy of certificate)		III	
4.	Whether the firm is a Govt. Org./Govt. U/T.		IV	
5.	Whether the firm is registered with NSIC/SSI(Jharkhand)/DGS&D/Local MSE (Jharkhand state only). (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 seven years (as per Sl. No. 1.d of QR)	Purchase Order No……. Dated……. Dispatch Documents/ Bill Dated…… Purchase Order No……. Dated……. Dispatch Documents/ Bill Dated…… Purchase Order No……. Dated……. 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 years ending 31st March, 2024)	Average annual financial turnover of bidder during the last 03 (three) years Rs…….. Annual Turnover FY 2023-24: Rs…… FY 2022-23: Rs…… FY 2021-22: 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.	Goods and Services Tax Registration Number (GSTIN) (Attach proof)		XII	
13.	Particulars of Earnest Money (BG No. & Date/Online transaction details)		XIII	
14.	Particulars of Cost of Tender Document (BOQ) (Online transaction details)		XIV	
15.	Specification of the material to be supplied:		XV	
16.	Quantity both in figure & in words:		XVI	
17.	Prices (FOR Basis)		XVII	

18.	Packing & Forwarding charges		XVIII	
19.	IGST / CGST / SGST Rates Applicable		XIX	
20.	HSN Code/SAC Code		XX	
21.	Payment Terms		XXI	
22.	Transit Insurance charges		XXII	
23.	Transportation charges		XXIII	
24.	Delivery period		XXIV	
25.	Validity period of the offer (minimum 180 days)		XXV	
26.	Guarantee period of the material to be supplied		XXVI	
27.	Whether you will deposit Security Money. If not reasons thereof with documentary proof of exemption:		XXVII	
28.	Whether you will furnish the Performance Guarantee. If not reasons thereof with documentary proof of exemption		XXVIII	
29.	Inspection		XXIX	
30.	Do you fulfill the pre-requisite qualification?		XXX	
31.	Whether you accept all term & conditions of B.O.Q.		XXXI	
32.	Penalty		XXXII	
33.	Details required for ERP VendorCoding: - a.Name of firm : b. Address : PIN: c. E-mail ID : d. Phone No. : e. Name of Contact Person: f. GSTIN No: g. PAN No : Details required for EMD Refund through RTGS/NEFT : h. Bank Name : i. Branch : j. Branch Code : k. A/c. No. : l. IFS Code : m. MICR Code :		XXXIII	
34.	Any extra information		XXXIV	

(Signature & Seal of Bidder)

Sub: Supply and commissioning of H2 Purity Analyzer set of Purity Panel for Unit #2 at TTPS, Lalpania.

GENERAL INSTRUCTIONS TO BIDDERS	
01	The tender document is to be downloaded from the TVNL website www.tvnl.in. Tenders will have to be submitted in GeM online web portal only with Login URL: http://gem.gov.in. For easy reference "Vendor Bidding Manual for Open Tender" can be downloaded from the TVNL website homepage
02	**Bidder has to bid for part-II (Price part) on TVNL website:** https://gem.gov.in/**only**. **Price Part is not to be submitted in Hard copy.**
03	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 GeM portal. (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. Tenders without Earnest Money shall not be considered other than NSIC/SSI registered and Jharkhand registered MSEs firms. A copy of such registration/license/certificate as per MSME act has to be furnished for claiming exemption/concession in EMD.
04	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.
05	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 GST shall be payable on Ex-works price only and shall not be applicable on freight charges.
06	Offer should be strictly as per specification /samples as spelt out in the enquiry. Deviations their form, 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.
07	Bidder should base his offer as per delivery schedule in the enquiry. In case of any deviation, the Bidder 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.
08	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.
09	In case of non-submission of bid, bidder may sent a regret letter and return all bid documents etc. if any, enclosed with the bid.
10	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 to in their offer.
11	All tenderer shall submit their bid along with latest valid Income Tax Clearance Certificate or else their bid are liable for rejection.
12	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.
13	Our standard terms of payments are 100% payment within 30 days of receipt and acceptance of the materials at our stores.
14	The prices quoted shall be exclusive of GST. The rate and nature of GST applicable shall be shown separately. GST will be paid to the seller at which it is liable to be assessed or has actually been assessed on the date of supply provided the transaction of sale. In case quoted goods are subject to GST, the vendor shall have to furnish documentary evidence as proof of having paid the same. Requirement of concessional GST form if any, may be clearly indicated in the offer. In case of variable GST will be loaded for comparison purposes.

15	If the tenderer is on DGS & D Rate contract for enquired items, a copy of the same should be enclosed along with the offers. Units registered with SSI/NSIC shall indicate the registration number and enclosed copy of registration certificate.
16	Test Certificate of Manufacturer/Govt. Test House shall be required to be submitted wherever so stipulated.
17.	Bidder shall certify that the quoted rates are applicable to Govt. Depts/Public Sector Undertakings.
18	The quoted rates must be firm till the complete execution of the contract.
19	Bidder is requested to fill in the enclosed Proforma for Terms and Conditions and submit the same along with their offer.
20	The list of customers to whom bidder had supplied similar equipment in the past along with the purchase order copy, performance certificate if any, should be furnished.
21	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.
22	Tenders will be opened in the presence of bidder or their authorized representative, If present.
23	Bidder should note that printed terms and conditions shall not be considered for evaluation purpose unless otherwise Specifically mentioned in the offer itself.
24	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.
25	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
26	The offers should be valid for a minimum period of 180 days from the date of bid opening.

(Signature & Seal of Bidder)

Sub: Supply and commissioning of H2 Purity Analyzer set of Purity Panel for Unit #2 at TTPS, Lalpania.

GENERAL PURCHASE CONDITIONS

01	**Definition:** 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 Tenughat Vidyut Nigam Limited, a company incorporated in India under the Companies Act. 1956, having its registered office at Dhurwa, Ranchi, and shall include its permitted successors and assigns.
02	**Reference:** 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.
03	**Specifications:** Any information, details etc. called for in the specification is attached in Annexure-I. In case of conflict in the specifications the decision of the Purchaser or his duly authorized representative shall be final and binding.
04	**Price Basis:** 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 take longer time than the delivery period specified and accepted in the Purchase Order.
05	**GST, Levies and Duties:** IGST, CGST, SGST, 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.
06	**Inspection/ Checking testing:** As per clause no. 06 of PTC.
07	**Access to Vendors Premises:** The Owner and/ or his authorized representative shall be provided access to vendors and/ or his sub vendor's premises, at any time during the pendency of the Order, for expediting, inspection, checking etc. of work.
08	**Removal of Rejected Goods and Replacement:** 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.
09	**Terms of Payment:** 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 Dhurwa -Ranchi:834002
10	**Additions/ Alterations/ Modifications:** 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.
11	**Delivery Schedule** 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.
12	**Liquidated Damages for Delay in Delivery** **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 total value 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 the alternatives mentions above. **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/ equipment are similar or not.
13	**Source of Supply:** 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 are imported by the vendor in good time against his own import license without affecting the contractual delivery schedule.
14	**Patent Rights:** Royalties and fees from 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.
15	**Force Majeure:** 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.
16	**Cancellation:** The Owner reserves the right to cancel the Order in the part or in full by giving one week advance notice thereby if:- (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	**Waiver:** Any waiver by the owner of any breach of the terms and conditions of the order shall not be constituting any subsequent breach of the waiver of any other right or conditions.
18	**Compliance of Regulations:** 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. 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.
19	**Sub- Letting & Assignment:** 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.
20	**Vendors Drawing, manuals & Date:** 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.
21	**Information Provided by the Purchaser:** 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 endeavors to ensure that above information is kept confidential. All such information shall also remain the absolute property of the Purchaser.
22	**Spare Parts, Oils & Lubricants:** 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.
23	**Vendor Liability:** 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.
24.	**Splitting of Quantity:** 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 L_1) and the lowest bidder will get the more weightage in distribution of quantity.

(Signature & Seal of Bidder)

TENUGHAT VIDYUT NIGAM LIMITED
JUPMI Building Premises in ABD Area, Smart City
Dhurwa, Ranchi-834004, Jharkhand
NIT NO- 22/C&I-I/P/TVNL/RAN/2025– 26
RFx/Event No. 1000011095

Sub: Supply and commissioning of H2 Purity Analyzer set of Purity Panel for Unit #2 at TTPS, Lalpania.

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	**Goods and Services Tax: -**IGST, CGST and SGST if chargeable extra should be specifically quoted, failing which no claim for the same will be entertained and price quoted will be deemed to have included of same. GST if quoted will be paid extra only on production of documentary evidence.
05	**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.
06	**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.
07	**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.
08	**Test Certificate: -** The certificate of technical specification etc issued by the authorized inspector of TVNL shall have to be submitted along with the consignment.
09	**Payment Terms:** - 100% payment will be made by 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.
10	**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.
11	**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.
12	**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.
13	**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 plus GST extra on applicable rates will be imposed except under force majeure.
14	**Validity of Offers: -** The tenders should remain open for acceptance for a Period of 180 days from the date of opening of Part-I unless otherwise specified.
15	**Paying Authority: -** The Accounts Officer, TVNL, Ranchi will be the Paying Authority.
16	**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.
17	**Consignee: -** EEE (Stores), TTPS, Lalpania, Bokaro will be the consignee of the items.
18	**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.
19	**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.
20	**Jurisdiction of Court: -** Any dispute between the purchaser and the Tenderer shall be settled in the civil court, Ranchi.
21	In case the terms and conditions of the bidder are found different from our BOQ, their price part may not be entertained.
22	These terms and conditions shall form a part of the contract.

(Signature & Seal of Bidder)

BILL OF QUANTITY

Sub: Supply and commissioning of H2 Purity Analyzer set of Purity Panel for Unit #2 at TTPS, Lalpania.

Sl. No.	Description	Quantity	Unit
1.	**HYDROGEN GAS ANALYSER EQUIPMENT** **"HYDROGEN GAS ANALYSER EQUIPMENT** *** WITH AO2000 ANALYSER** *** WITH ANALYSER MODULE CALDOS 27** *** TO BE MOUNTED IN ZONE 2, CLASS1 DIVII** *** GROUP A, B, C, D, T4** *** IP54** *** Power Supply: 100-240 Universal Power** *** Output: 4-20 mA DC** *** Range: -** **1) 0-100 Vol% CO2 in Air.** **2) 0-100 Vol% H2 in CO2.** **3) 85-100 Vol% H2 in Air.** **MODEL: AO2040, MAKE: ABB Ltd.** **With Calibration Gas Cylinder** **1. Calibration Gas Cylinder with H2 Purity 99.9%.** **2. Calibration Gas Cylinder with H2 Purity 85.0% remaining Nitrogen."**	1.00	**Set**

Note: The price bid to be submitted in GeM Portal only.

Scope of Work

1. Supply and supervision in replacement and commissioning of old H2 Purity Set to new Set.

TENUGHAT VIDYUT NIGAM LIMITED
JUPMI Building Premises in ABD Area, Smart City
Dhurwa, Ranchi-834004, Jharkhand
NIT NO- 22/C&I-I/P/TVNL/RAN/2025– 26
RFx/Event No. 1000011095

Sub: Supply and commissioning of H2 Purity Analyzer set of Purity Panel for Unit #2 at TTPS, Lalpania.

SELF DECLARATION

(of the Head of the Firm In the Firm's Letter Head)

I ..... S/o ..... Resident of At-.....P.O.-..... P.S.-..... Dist..... State-.....PIN -.....do herby solemnly affirm and declare as follows:-

1. That, I am aged about ..... years. (Male -Y/N / female -Y/N).

2. That, I/we am/are proprietor/partner of the firm .....At-..... P.O.-.....P.S.-..... Dist.....State-.....PIN .....

3. That, my firm not blacklisted or warned at the time of bid submissionby any works department under Jharkhand Govt. / Govt. /Semi Govt./ CPSUs /SPSUs/SEB's.

4. That, above mentioned declaration along with documents submitted against the NIT no. **22/C&I-I/P/TVNL/RAN/2025–26** are true and correct to best of my knowledge, information and belief. Verified and signed at .....on .....2025.

5. That, I have read and understood all the terms, conditions and scope of the work enlisted in the abovementioned Tender and will abide by them if the order is placed on our firm.

Signature with Firm seal

* SELF DECLARATION of the Head of the Firm duly filled with sign & firm seal attached with tender documents & its scanned copy may be attached online TVNL web portal: https://gem.gov.in/.

(Bank Letter Head)
SOLVENCY CERTIFICATE
BANK NAME/BANK SEAL

BRANCH……

DATE:……

……

……

……

This is to certify that to the best of our knowledge and information that Mr/Mrs/Ms/Company Name/Firm Name…… a customer of our bank having Account type…… and Number…… is respectable and can be treated solvent up to a sum of Rs……(Rupees…… Only).

Branch Manager

Sign

Seal of Bank