



Rajasthan State Mines & Minerals Limited

(A Government of Rajasthan Enterprise)

Registered Office

C89-90, Lal Kothi Scheme, Janpath
Jaipur (Rajasthan)India
Ph.:+91-141-2743734. 2743934
Fax: +91-141-2743735
CIN No.: U14109RJ1949SGC000505

Corporate Office

4, Meera Marg,
Udaipur – 313 001
Ph.:+91-294-2428768, 2428763-67
Fax:+91-294-2428768, 2428770, 2428739
e-mail hemantgoutam.rsmml@rajasthan.gov.in
website: www.rsmm.com

PAN No : AAACR7857H

GSTIN No. 08AAACR7857 H1Z0

TENDER DOCUMENT

TO

e TENDER NO. RSMM CO MM NIT 09 2025-26 Dated 30.12.2025

e- TENDERS ARE INVITED FROM THE MANUFACTURERS FOR THE WORK OF DESIGN, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF NITROGEN INJECTION FIRE PROTECTION SYSTEM (NIFPS) FOR FOUR TRANSFORMERS AT OUR JHAMARKOTRA MINES.

S. N.	Description	Date	Time
1	Bid Submission Start Date	13.01.2026	10.00 a.m.
2	Bid Submission Closing Date	21.01.2026	6.00 p.m.
3	Techno-Commercial Bid Opening Date	22.01.2026	3.00 p.m.
4	Submission Tender Document Fee, Processing Fees and Bid Security as per tender provisions	21.01.2026	Up to 6.00 p.m.
6	Price Bid Opening Date	Will be intimated later on to the techno-commercially qualified bidders	
7	Websites for downloading tender documents/ corrigendum etc.	www.rsmm.com , http://eproc.rajasthan.gov.in http://sppp.rajasthan.gov.in/	
8	Website for submission of tender (only online)	http://eproc.rajasthan.gov.in	
9	Tender Document Fees	Rs. 1,180/- (Inclusive of GST-18%) in favour of "Rajasthan State Mines & Minerals Limited" payable at Udaipur.	
10	RISL Processing Fees	Rs. 1,500/- in favour of "MD RISL" payable at Jaipur.	
11	Bid Security	Rs. 1,30,000/- in favour of "Rajasthan State Mines & Minerals Limited" payable at Udaipur.	





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NOTICE INVITING e-TENDER

e- Tenders in Two parts (Techno Commercial Part & Price Part) are invited from Original Manufacturer (OEM) of NIFPS for following work-

Description	Qty.
WORK OF DESIGN, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF NITROGEN INJECTION FIRE PROTECTION SYSTEM (NIFPS) ALONGWITH ALLIED WORKS ON 4 NOS. TRANSFORMERS INSTALLED AT OUR JHAMARKOTRA MINES AS PER TERMS & CONDITIONS MENTIONED IN TENDER.	One Job basis.

For more details, visit us on web site www.rsmm.com, www.eproc.rajasthan.gov.in, www.sppp.rajasthan.gov.in or contact Manager (MM) at the above address.



[Signature]
30/12/25
(Dr. S S Daiya)
Head (MM)

e TENDER NO. RSMM CO MM NIT 09 2025-26

The tender document consists of following:

General	Instruction for preparation & submission of tender and General Conditions of e-Tender.
Annexure-I	General profile of tenderer.
Annexure - II	Undertaking towards non suspension/non banning /GST.
Annexure - III	Undertaking towards acceptance of all terms & conditions of tender.
Annexure -IV	Registration details as per Micro, Small & Medium Enterprises Development Act,2006.
Annexure - V	Details of taxes & duties offered in price bid.
Annexure-VI -a	Checklist to Specifications/Technical details
Annexure-VI -b	Plan layout of existing Switch yard of 132 KV Sub Station & Photographs
Annexure - VII	Declaration by the tenderer
Annexure - VIII	Details of past experience
Annexure - IX	Format of B.G. for Security Deposit.
Annexure - X	Format of Bid security declaration.
Annexure - XI	Format of Performance security declaration.
Annexure - XII	List of Public Sector Banks & Private Sector banks as per schedule II of the Reserve Bank of India Act, 1954.
Annexure - XIII	Format of Undertaking for B.G.
Annexure- A	Compliance with the Code of Integrity and No Conflict of Interest.
Annexure-B	Declaration by the Tenderer regarding Qualifications.
Annexure- C	Grievance Redressal during Procurement Process and Form No. 1.
Annexure- D	Additional Conditions of Contract.
Form-A	Format of Application by MSME for Purchase Preference in Procurement of Goods.
Form-B	Format of Affidavit.

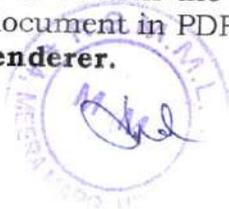
SECTION -I

1.0 Instructions for preparation & submission of e-Tender and Conditions of e-Tender:

- i) Tender shall be submitted online only through e-procurement portal of GoR i.e. www.eproc.rajasthan.gov.in. No physical/offline Tender/bid shall be accepted.
- ii) The **Tender document fee** shall be in the form of Demand Draft/Bankers Cheque/Bank Pay Order/RTGS/NEFT drawn **in favour of "Rajasthan State Mines & Minerals Limited"** payable at Udaipur and shall be submitted to the office of the Head (MM), 4-Meera Marg, Udaipur up to schedule date and time, as above.



- iii) The **Bid Security** shall be in the form of Demand Draft/Bankers Cheque/Bank Pay Order RTGS/NEFT drawn **in favour of "Rajasthan State Mines & Minerals Limited" payable at Udaipur** and shall be submitted to the office of the Head (MM), 4-Meera Marg, Udaipur up to schedule date and time, as above.
- iv) The **Processing Fee** shall be in the form of Demand Draft/Banker Cheque RTGS/NEFT drawn in favour of **"MD RISL"** payable at Jaipur and shall also be submitted to the office of the Head (MM), 4-Meera Marg, Udaipur up to schedule date and time, as above.
- v) Conditional tenders and casual letters sent by the bidders will not be accepted.
- vi) Bidders are requested to read the instruction in the Tender Document/Bid before submitting the Tender/BID online.
- vii) The Tender Document is not transferable.
- viii) Bidders who wish to participate in this tender will have to be registered on <http://eproc.rajasthan.gov.in>. To participate in online tenders, bidders will have to procure Digital Signature Certificate (type II or III) as per Information Technology Act-2000 using which they can sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency or may contact Government of Rajasthan e-procurement Cell, Department of IT&C for further assistance. Bidders who already have a valid Digital Certificate need not to procure a new Digital Certificate.
- ix) Contact details of Government of Rajasthan e-procurement Cell, Department of IT&C are:
24X7 Help Desk Telephone No. 0120-4200462, 0120-4001002, 8826246593. Email-support-e proc @ nic.in. Local Help Desk Number 0141-4022688. 9.30 AM to 6.00 PM on all working days. email: eproc@rajasthan.gov.in, Address: e-procurement cell, RISL, Yojana Bhawan, Tilak Marg, C-Scheme, Jaipur.
- x) Training for the bidders on the usage of e-Tendering system is also being arranged by RISL on regular basis. Interested bidders may contact e-Procurement Cell, RISL.
- xi) Bidder shall submit their offer on-line in electronic formats both for techno-commercial and financial bid, however DD/Banker Cheque for Tender Fees, Processing Fees and Bid Security should be submitted offline (personally/post/courier) to the office of Head (MM) before scheduled date & time as mentioned in tender document. Scanned copies of DDs/BCs/RTGS/NEFT should also be uploaded along with the online Bid.
- xii) Before electronically submitting the tenders, it should be ensured that all the tender papers including conditions of contract are digitally signed by the tenderer.
- xiii) Bidders are also advised to refer "Bidders manual" available under "Download" section for further details about the e-tendering process.
- xiv) All bidders are advised not to wait for last date and submit their tender/bid at earliest. The Company shall not be responsible for any interruption/technical snag in website and No extension in deposition of Tender/bid shall be allowed.
- xv) Bidders shall have to furnish the legible/readable bid documents in the "covers" as prescribed in the document in PDF/jpg format. **All the documents should be sealed & signed by the tenderer.**



- xvi) Provisions of Rajasthan Transparency in Public Procurement Act, 2012 and Rajasthan Transparency in Public Procurement Rule, 2013 & subsequent amendments time to time, will also be applicable.
- xvii) In compliance to the Rajasthan Transparency in Public Procurement Act, 2012 and Rajasthan Transparency in Public Procurement Rule, 2013, following annexures are enclosed:
- Annexure-A- Compliance with the Code of Integrity and No Conflict of Interest.
 - Annexure-B- Declaration by the Bidder regarding Qualifications.
 - Annexure-C- Grievance Redressal during Procurement Process and Form No. 1.
 - Annexure-D- Additional Conditions of Contract.

COVER-A

- Scanned Copies of Demand Draft/Bankers Cheque/Bank Pay Orders RTGS/NEFT towards Tender document Fees, Bid Security and processing fees.
- Authorisation in favour of a person signing tender document.
- General profile of tenderer as per annexure-I, Undertaking towards non suspension/non banning/GST as per annexure-II and undertaking towards acceptance of all terms & conditions of tender as per annexure-III.
- Registration details as per MSMED Act, 2006 as per annexure-IV.
- Details of taxes & duties offered in price bid as per annexure-V.
- Details of the offices from where after sales services will be provided by the bidder at site. In case the tenderer proposes to develop any additional sales service center at Udaipur, those also be detailed.

COVER-B

- Check-list to Specifications for the tendered jobs as per annexure-VI,a & annexure-VI,b. .
- Declaration by tenderer as per annexure-VII alongwith document towards the status of bidder as manufacturer of NIFPS in support of pre-qualification criteria of tender clause no. 6.0 (1).
- Copies of work orders, Purchase Orders, installation reports, performance certificates etc. in support of pre-qualification criteria of tender clause no. 6.0 (2)as per details in annexure-VIII.
- List of standard tools & accessories to be supplied on free of cost basis.
- Sealed and Signed copies of Annexure-A, Annexure-C, Annexure-D and Duly Filled, Sealed and Signed Annexure-B.

COVER-C

- Price Bid in xls format (BOQ).

2.0 SUBMISSION & OPENING OF TENDERS:

The online submission of bids on the e-procurement portal i.e. <http://eproc.rajasthan.gov.in> within the specified date and time will be the sole responsibility of the Tenderers. In case the date of opening of bids happens to be a holiday, then the bids shall be opened on the next working day.



Tenderers are requested to ensure submitting their tender online on e-procurement portal only and furnishing Demand Draft/Bankers Cheque/Bank Pay Orders/RTGS/NEFT details towards tender document fee/Bid Security/Processing Fees offline to the office of Head (MM) within the specified time & date of submission. Tenders in physical form (offline) will not be acceptable in any case.

Tenderers may note that they will not be able to submit their tenders online after the specified/ scheduled date & time of submission of bid document. Tenderers should also to ensure furnishing Demand Draft/Bankers Cheque/Bank Pay Orders/RTGS/NEFT details towards tender document fee/Bid Security/Processing Fees to the office of Head (MM) within the specified time & date of submission. Failing which, their online bids will not be opened.

3.0 SCOPE & SPECIFICATION OF SUPPLY:

Specifications/Technical details for the work of Design, supply, installation, testing & commissioning of Nitrogen Injection Fire Protection System (NIFPS) along with allied works for all the four transformers are as per detailed specifications & scope of work mentioned in **Annexure-VI(a) & VI(b)**. Tenderers are requested to give point wise confirmation of the same in annexures.

Note-

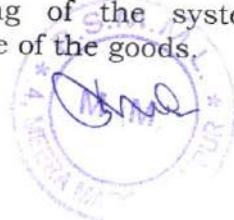
1) The tenderer should specify the complete description, technical specifications, make/model etc in their offer. **Tenderers are advised to visit our site to assess the technical requirement and details of existing installation/system of transformers on any working day, if required, to understand the complete scope of work. Please note that in case tenderer does not visit our site & submit the tender, it will be presumed that they have understood the work as per scope of work mentioned in tender & no claim on this ground will be entertained.**

2) The supplier shall be deemed to have carefully examined and to have knowledge of the general and other conditions, schedules, specifications and all other documents forming part of the contract and also to have satisfied himself as to the nature and character of the stores to be delivered under the contract.

3) The supplier shall be entirely responsible for the performance of the contract in all respects according to the intent and meaning of the specification data.

4.0 QUALITY OF ITEMS & STANDARD APPLICABLE WARRANTY:

- i) The tenderer shall warrant that the items/system supplied under the contract/order will be new, unused and shall be free from all defects and faults in material & workmanship.
- ii) The items/system will be consistent with the established, recognized or stipulated standards for materials of the type ordered and in full conformity with the specifications, drawings or samples, if any.
- iii) The tenderer shall guarantee/warranty for the satisfactory performance of all the items/assemblies/system for a period of 12 months from the date of successful commissioning of the system. This warranty shall survive inspection and acceptance of the goods.



- iv) In the event of any defect in material, design and workmanship during the aforesaid period is found due to faulty material, design or poor workmanship, the defective part will be replaced/ repaired by the tenderer at site free of cost within 30 days of intimation of warranty claims. The tenderer will be required to stock spare parts to take care of warranty failures. The guarantee/composite warranty shall be submitted along with the bill. Tenderer will also replace the defective parts, if any, during the warranty period free of cost. The responsibility to collect the defective/ rejected material will lie with the tenderer and the cost for such collection will have to be borne by the tenderer.

5.0 DELIVERY BASIS & WORK COMPLETION PERIOD: Terms of delivery shall be on f.o.r. Jhamarkotra Mines.

Tenderer is requested to offer the minimum possible work completion period for the complete scope of work as per the specifications, terms & conditions mentioned in tender on turn-key basis. The work completion period will be commenced from the date of Handing Over of site for execution of work.

6.0 PRE-QUALIFICATION CRETERIA:

1. Bidder shall be Original Manufacturer (OEM) of NIFPS.
2. Bidder should have supplied & Installed NIFPS on at least one 10MVA or above capacity transformer and it should be in operation since at least last 5 years for protection of transformers minimum October'2025. Bidder will provide list of past supplies in India along with performance certificate from users of the system shall be submitted by the bidder.

The Techno-commercial suitability of the offers will be ascertained on the basis of pre-qualification criteria, documents submitted alongwith Part -I of the offer and/or the information gathered by the RSMML about the tenderer. The price offer of only techno-commercially qualified Tenderer(s) will be opened on a later date, which will be informed to qualified Tenderer(s) only. The decision of the Company shall be final and binding in this regard.

7.0 INSPECTION:

- i) RSMML shall have the right to inspect and/or to test the goods to confirm their conformity to the order.
- ii) The inspection may be carried out at consignee's end, which will be final and binding to both the parties. However, in case of PDI at Tenderer's/ OEM's Works, final inspection will be at our end.
- iii) In case of rejection of any item, the same should be replaced, to meet specification requirements, by the tenderer at their own risk & cost. The inspection/test reports shall in no way release the tenderer from any warrantee or other obligations under this contract. All reasonable facilities and assistance including access to technical data, drawings etc. shall be furnished by the tenderer to the inspector at no charge.
- iv) In case of rejection of any item, the same should be replaced, to meet specification requirements, by the tenderer at their own risk & cost.



8.0 VALIDITY:

The tenderer shall keep the offer open for acceptance by RSMML for a minimum period of four months from the date of opening of Part - I tender, within which period the tenderer shall have no right to withdraw, amend or modify his offer. In case of withdrawal/ amendment/modification the bid security deposited by the Tenderer, as per clause No. 9.0 hereof, shall stand forfeited. The validity period may be extended further, if required, by mutual consent from time to time.

In case, tenderer, after issuance of communication of acceptance of offer by RSMML, fails to execute the contract as per the conditions of the contract, such an event will be considered as the tenderer calculated willful breach of the contract, the cost & consequence of which shall be on the sole account of the tenderer. Moreover, RSMML have full right to claim damages thereof in addition to the forfeiture of Bid Security.

9.0 BID SECURITY, TENDER DOCUMENT FEES & PROCESSING FEES:

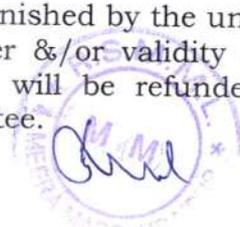
- a) The tenderer shall deposit (interest free) a sum of **Rs. 1,30,000/- (Rupees Eighty Thousand Only)** as Bid Security in the form of Demand Draft/Bankers Cheque/Bank Pay Orders/RTGS/NEFT payable to RSMML, Udaipur.
- b) Further, tenderers shall deposit a sum Rs. 1,180/- towards tender document fees and Rs. 1500/- towards processing fees by Demand Draft/Bankers Cheque/Bank Pay Orders/RTGS/NEFT only to the office of Head (MM) within the specified date & time. The details of furnishing such financial instruments are elaborated in clause no. 1.0. Payments through Cash, Cheque will not be accepted.

Demand Draft/Bankers Cheque/Bank Pay Orders /RTGS/NEFT for Tender Fees, Processing Fees and Bid Security should be submitted offline (personally/post/courier) to the office of Head (MM) before scheduled date & time as mentioned in tender document. Scanned copies of Demand Draft/Bankers Cheque/Bank Pay Orders/RTGS/NEFT details should also be uploaded along with the online Bid. The tender document fees & processing fees are non-refundable.

c) **The Bid Security shall be forfeited in case of :**

- 1) If tenderer unsolicited revises and/or modifies and/or withdraw &/or cancel/amend the offer at its own after submission of tender during the validity period.
- 2) If it is established that tenderer has submitted any wrong information/forged document along with the tender or thereafter.
- 3) If the tenderer declines to accept contract/order placed by the Company subsequent to acceptance of his offer.
- 4) If the tenderer does not submit the security deposit cum performance guarantee.
- 5) If the tenderer breaches any provision of code of integrity prescribed for bidder as detailed at Annexure -A.

- (d) The Bid Security furnished by the unsuccessful tenderers will be refunded after finalization of tender &/or validity of the offer has expired. Bid Security of successful tenderer will be refunded after receipt of Security Deposit cum performance guarantee.



- (c) The Bid Security of a tenderer lying with the company in respect of other tenders awaiting approval or rejected or on account of contract completed will not be adjusted towards bid security against this tender, however, the bid security originally deposited may be taken into consideration in case tender is re-invited. However, tender document fees and processing fees have to be furnished afresh incase of re-tender.

Bid Security, Tender Document Fees & Processing Fees may also be furnished by the way of RTGS/NEFT in the account of RSMML in addition to other modes already prescribed in the relevant clauses of the tender document.

Our Bank Details are as under:

IDBI Bank,
Account No.:050102000002202
IFSC Code: IBKL0000050
Saheli Marg, Udaipur (Raj.) India

Note: Tenderes are requested to forward the UTR no. & other relevant details through email immediately after deposition of Tender Document fees & Processing Fees through RTGS/NEFT for verification at our end.

10.0 SECURITY DEPOSIT CUM PERFORMANCE GUARANTEE:

- (i) As security for the due, proper and faithful fulfillment of the obligations under the contract, the tenderer will furnish to RSMML Security Deposit cum Performance Guarantee equal to 10% of total value of contract in the form of Demand Draft/RTGS/NEFT or in the form of Bank Guarantee in RSMML Performa by public Sector Banks and Private Sector banks as per schedule II of the Reserve Bank of India Act, 1954 as per list enclosed at annexure-XII having its Branch at Udaipur, within 21 days from the date of PO on the stamp paper of appropriate value. An undertaking as per annexure-XIII will also be submitted along with the B.G.

Security Deposit Cum Performance Guarantee" may also be furnished by the way of FDR in addition to existing methods mentioned in tender. FDR should be furnished as per provisions of RPPP Rule 75(3)(e), as below-

"Fixed Deposit Receipt (FDR) of a scheduled bank. It shall be in the name of procuring entity on account of bidder and discharged by the bidder in advance. The procuring entity shall ensure before accepting the Fixed Deposit Receipt that the bidder furnishes an undertaking from the bank to make payment/premature payment of the Fixed Deposit Receipt on demand to the procuring entity without requirement of consent of the bidder concerned. In the event of forfeiture of the performance security, the Fixed Deposit shall be forfeited along with interest earned on such Fixed Deposit".

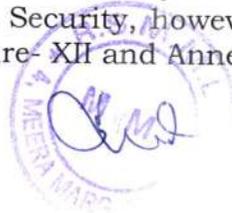
- (ii) The security deposit for should be valid for a period of 6 months in excess of contractual period.
- (iii) The BG shall liable to be invoked/ amount of SD is liable to be forfeited wholly or partly at the sole discretion of the Company, should the supplier either fails to execute the work within the stipulated period or fails to fulfill the agreed obligations or fails to settle in full it's dues to the Company.



- (iv) The Company is empowered to recover from the S.D. any sum due and /or any other sum that may be fixed by the Company as being the amount or loss or losses or damages suffered by it due to un-satisfactory performance or non fulfillment of any of the conditions of the tender/ contract.
- (v) The Bank Guarantee/ S.D. shall remain in force and binding, notwithstanding, if any variation, alternation, modifications are made to the contract or any extension of the contract period is granted by RSMML.
- (vi) RSMML shall not pay any interest on the Security Deposit. The security Deposit shall be released on application by the Supplier after the expiry of guarantees and after discharge of all the supplier's obligations under the contract.
- (vii) The said Security shall not in any way be construed as a limitation of the supplier's responsibility or liability pertaining to its obligations and guarantees under the contract and shall be without prejudice to any other remedies available to RSMML in terms of the contract and/ or as per the laws of the land.
- (viii) Incase SD is being furnished in the form of Bank Guarantee, the BG should be furnished on the non-judicial stamp paper of the value equal to 0.25% (Zero Point Twenty Five Percent) of total Security Deposit amount subject to the maximum of Rs. 25000/- or as applicable at the time of submission of B.G.
- (ix) S.D. should be sent to the office of Head (MM), MM Dept. CO, Udaipur.

11.0 RELAXATION IN TENDER DOCUMENT FEES, BID SECURITY & SECURITY DEPOSIT CUM PERFORMANCE GUARANTEE TO MSME, GOR:

- (A) Tenderers offering in capacity of micro, small and medium enterprises of the State of Rajasthan, having acknowledgement of Entrepreneurs Memorandum-II/Udyog Aadhaar Memorandum as mentioned in Micro, Small and Medium Enterprises Development Act, 2006, issued by the competent authority facilitated, on furnishing of a self-attested copy of acknowledgement of Entrepreneurs Memorandum-II/Udyog Aadhaar Memorandum, following relaxations will be provided, if sought by the bidder along with supporting documents-
 - Tender document fees will be taken @50% of the prescribed total value of Tender document fees.
 - Bid Security will be taken @25% of the total value of Bid Security. In case of offering the quantity lesser than the tendered quantity, then they can submit proportionate amount of bid security in proportion to the quantity being offered with respect to the bid security amount for tender quantity.
 - Security Deposit will be taken @ 0.5% of the total value of order.
- (B) In case of participation by Undertakings, Corporations, Autonomous Bodies which are controlled and managed by Govt., Govt. Undertakings and Companies of Union Govt. & Govt. of Rajasthan, they are exempted from deposition of Bid Security and performance Security, however, they have to give declaration towards these as per Annexure- XII and Annexure-XIII.



- (C) Except above, no exemption in respect of Tender Document Fee, Bid Security & Security Deposit (Performance Security) will be given to any party on any grounds (except considered by management on the merit of the case) and their offer will be liable for rejection.

12.0 CONSIGNEE : The consignees is :

GGM, SBU-PC (RP) or his authorized officer,
M/s. Rajasthan State Mines & Minerals Limited,
Jhamarkotra Mines, via & District: Udaipur. (Rajasthan).

13.0 INDIAN / INTERNATIONAL STANDARD :

All specification mentioned in the tender documents are based upon Indian standards or equivalent and where no Indian standards exist the supplies should conform to International standards. All electric installations, equipment and switch gear shall have to conform to Indian Electricity Rules 1967 and as amended from time to time.

14.0 PATENTS:

Tenderers shall warrant that all offered items against the tender are and shall be free and clear of infringement of patent and copy right or trade mark prevalent, if any country.

15.0 COMPLIANCE OF RULES/GUIDELINES OF MINISTRY OF ENVIRONMENT AND CLIMATE CHANGE (MOEFCC).

The supplier will ensure compliance of the rules/guidelines of Plastic Waste Management (Amendment) Rules, 2021 and its amendments from time to time as indicated in gazette notifications of the Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India & Rajasthan State Pollution Control Board (RSPCB), wherever applicable.

16.0 TERMS OF PAYMENT & PAYING AUTHORITY :

- a) 90% payment within 30 days from the date of completion of complete work at site as per scope of work and terms & conditions of tender. Balance 10% payment thereafter within 30 days.
- b) **Billing and Paying Authority:** The bill (in triplicate) alongwith the supporting documents duly verified by the consignee as to Delivery of stores will be submitted to respective consignee. The payment disbursing authority is : Head of Finance, RSMML, Jhamarkotra.
- c) Payment will be made through RTGS/NEFT in the supplier's account.

17.0 RSMMLS' RIGHT :

The Company reserves the following rights at its sole discretion without assigning any reason thereof:

- to reject any or all the tenders received.
- to accept a tender either for the total requirement or part thereof or to split the work in more than one tenderer & not to accept the lowest tenderer.
- to judge any offered work/ tender on technical grounds for its acceptance based on RSMML technical requirement.



- to cancel the tender, postpone it for another date, change the venue of the receipt of the tender.
- to increase/decrease the quantity.

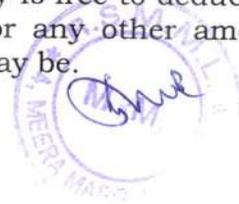
The decision of the Company in above regards shall be final and binding on the tenderer. As a result of such change the Company will not entertain any claim whatsoever.

18.0 RATES :

- The price should be quoted on-line in Indian Currency strictly in Price Bid (BOQ) Cover – C on f.o.r. destination basis. Prices in BOQ are to be quoted for the complete work of design, supply, installation, testing & commissioning of Nitrogen Injection Fire Protection System (NIFPS) along with allied works on four transformers are as per detailed specifications & scope of work and terms & conditions mentioned in tender.
- Tenderer (s) are requested to offer prices strictly in the BOQ uploaded on the site. They should first download the BOQ from the site on their system and after filling it, the same BOQ should be uploaded on the e-procurement portal.**
- The quoted price shall be on F.O.R. destinations basis inclusive of basic price, Taxes, Duties, Levies, Packing, Forwarding, Transportation, Insurance, any other Delivery Charges etc. upto destinations. The quoted price will remain firm and fixed till complete execution of contract. Tenderers are advised to fill GST (IGST/CGST/SGST) rates in the BoQ considering its applicability on all heads mentioned in the BoQ.
- Further, tenderers are advised to recheck the filled prices of each item to its correctness before uploading the BoQ on portal. RSMML will not entertain any claim after closing of due date.
- Tenderers are requested to leave the column of price blank in case they are not offering for any particular item. They are requested not to fill “Zero” in the said column in case they are not offering for such item.

19.0 PRICE VARIATION :

- The agreed price shall remain firm and fixed till the complete execution of the contract. Only variation on account of changes in Taxes & Duties by the Government bid will be considered on production of documentary proof.
- Save and except as aforesaid, the tenderer shall not be entitled to raise any claim and/or demand and/or any dispute on account of escalation or raise or increase in the prices of any other item or element.
- Timely deposition of GST and filing of requisite tax returns of relevant tax period would be the sole responsibility of the supplier. The supplier will also ensure that necessary credit on this account is available to RSMML in the next month. In case of any discrepancy, where credit is not available to RSMML, then company is free to deduct/recover/retain such amount from the bills of supplier or any other amount due to him/or from Security Deposit, as the case may be.



- (iv) In case of reversal of Input Tax Credit (ITC), imposition of penalty on account of payment of GST and default in filing of returns towards the payment for the work, supplier is liable to pay all such dues to the company, failing which RSMML is free to deduct/recover/retain such amount from the bills of supplier or any other amount due to him/or from Security Deposit, as the case may be.
- (v) The bidder shall submit an undertaking with bills bearing GSTIN and HSN/SAC Code that " total GST has been deposited and returns have been filed for relevant tax period."
- (vi) In addition, a general undertaking shall also be furnished by the bidder at the time of submission of bid that "as on date, no default has been made by us towards payment of GST and all returns up to the last date of submission of bid have been filed by us."

20.0 NO COMPENSATION FOR ALTERATION OF DELIVERY SCHEDULE OR SUSPENSION OF SUPPLIES :

If at any time before commencement of the supply if the Company, for any reason, whatsoever do not require the whole supply or part thereof as specified in the contract, shall give notice in writing of the same to the supplier and the supplier shall not be entitled for any compensation and/or damage of any kind whatsoever on account for loss or profit etc. nor the supplier be entitled to any claim for compensation for re-scheduling of delivery period.

21.0 DETERMINATION OF LOWEST BIDDER :

The lowest tenderer will be determined on the basis of total landed price at our Jhamarkotra Mines for complete scope of work including the basic price, Freight, Insurance and any other delivery charges etc. up to destination except GST and giving effect of direct/indirect tax/duties/levies imposed by Govt. of Rajasthan/Central Govt.

NEGOTIATIONS:

- i) Negotiations may be conducted with the lowest tenderer only. In case of non-satisfactory achievement of rates from lowest tenderer, RSMML may choose to make a written counter offer to the lowest tenderer and if this is not accepted, RSMML may decide to reject and re-invite fresh tenders or to make the same counter-offer first to the second lowest tenderer, then to the third lowest tenderer and so on in the order of initial bidding, and work order be awarded to the tenderer who accepts the counter offer.
- ii) In the case, when the quotations given by the tenderer during negotiations is higher than the original quotation of the tenderer then the tenderer will be bound by the lower rate originally quoted by the tenderer.
- iii) In case of negotiations, representative of the tenderer attending negotiations must possess written authority from the tenderer to the effect that he is competent to modify/amend the submitted tender deviations and rates offered by them.
- iv) In the event the company does not find the lowest quoted rate, acceptable to it, then the tender will be scrapped and may be re-invited, or company may take any other suitable action as deemed fit looking to the exigency of the work.



22.0 EXCEPTION & DEVIATION/ACCEPTANCE OF ALL THE TERMS & CONDITION OF TENDER:

Tenderers are advised to submit their offer based on terms & conditions and specifications contained in the tender document and not to stipulate any deviations. Offer containing stipulations of deviations to the terms & conditions are liable to be ignored. However, in case it is absolutely unavoidable to deviate from tender conditions then the tenderers should mention the deviations at their risk of rejection only in Annexure- III. Deviations mentioned anywhere else in the offer shall be ignored without any consequences.

- a) Tenderer should mention the deviations, if any, at their own risk of rejection of their offer.
- b) Deviations mentioned anywhere else in the offer shall be ignored without any consequences.
- c) Tenders containing corrections and alterations are liable to be rejected unless all such corrections and alterations are legible, clear and signed by the tenderer. Tenders containing corrections and alterations are liable to be rejected unless all such corrections and alterations are signed by the tenderer.

23.0 STATUTORY OBLIGATIONS:

All the works shall be carried out following Indian electricity rules, act safety regulations and standards.

The tenderer shall carry out the work in accordance with all statutory obligations in line with all applicable Acts or any other laws or rules with statutory modifications thereof as are in force or as may be applicable during the currency of this contract.

24.0 COMPENSATION FOR DELAYED COMPLETION:

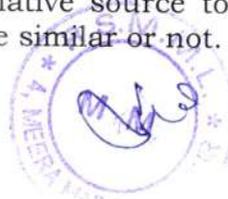
In the event of the supplier fail to deliver the stores as per agreed specifications in full/part as per delivery schedule, the Company shall be entitled at its option either:

- a) to recover from the tenderer as agreed pre determined compensation @ 1/2% (Half percent) per week of the total value (except GST) of undelivered stores for each week or part thereof the delivery has been delayed, subject to a maximum of 5% of the total value (except GST) of the undelivered stores,
- b) either to purchase from elsewhere, without notice to the supplier at his risk and cost full or undelivered part, as the case may be

OR

- c) to cancel the contract.

In case of b & c above, the Company will be empowered to purchase stores which are readily available with alternative source to meet the requirement irrespective of the fact whether these are similar or not.



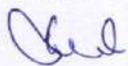
25.0 TERMINATION:

1. In case of failure to perform the job as required under this tender or observe breach of any of the terms and conditions by the tenderer, the company shall give a notice to rectify such default/breach with 10 days, failure to which may result in termination of the contract and forfeiture of security deposit without any prejudice to the Company's rights to claim damages/cost/loss etc caused by such default/breach. Such termination shall not absolve the tenderer of the liabilities accruing till the date of such termination.
2. The contract may also be terminated in the event the tenderer is being adjudged insolvent or going into Liquidation or Winding up of their business, or making arrangement with their creditors.
3. Notwithstanding anything contained herein above, the Company in its absolute discretion may at any time terminate the order without assigning any reason thereof by giving fifteen day's notice to the tenderer at their last notified address. In such an event the tenderer shall not be entitled to raise any claim or demand for compensation, loss of profit and/or damages and/or losses or costs by reason of such earlier termination on any ground whatsoever.

26.0 FORCE MAJEURE: At any time, during the continuance of the contract, the performance in whole or in part by either party (sub-vendors excluded) and/or obligations under this contract shall be prevented or delayed by reason of any war, Hostility acts of public enemy, civil commotion, sabotage, fires, floods, explosion, epidemics, quarantine restrictions, non-performance due to Acts of God or Acts of Government/statutory bodies (herein after referred as "Event") then provided a notice of the happening of any such event is given within seven days from the date of occurrence thereof neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damage against the other in respect of such non-performance or delay in performance and the deliveries and/or performance of the work under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist and decision of Company as to whether the deliveries and/or performance of the work have been so resumed or not shall be final and conclusive. Provided further that if the performance in whole or in part is delayed by reasons of any such events for a period exceeding thirty days either party may at its option terminate the contract.

27.0 JURISDICTION: The contract is subject to the jurisdiction of courts at Udaipur only in the state of Rajasthan.

For RAJASTHAN STATE MINES & MINERALS LIMITED,


(Dr. S S Daiya)
Head (MM)

I/ We have studied the above terms and conditions and having understood the same in true sense and spirit. I/We shall abide by and adhere to the above terms and conditions fully.

Date & Place:

Signature of Tenderer with official stamps

e TENDER NO. RSMM CO MM NIT 09 2025-26**GENERAL PROFILE OF TENDERER**

1.	Name & address of the tenderer Telephone No Fax No. e-mail Mobile no.			
2	Status of Tenderer i.e. Manufacturer			
3	Whether Proprietor/Partnership/ Company.			
4	Name of owner/partners Directors with full address.			
5	Annual turnovers in rupees for last three years (in lacs).	2024-25	2023-24	2022-23
6	PAN No.			
7	GSTIN No.			
8	HSN Code of offered item			



9	<p>Entrepreneurs Memorandum no. as per MSMED Act 2006</p> <p>Nature of Activity (manufacturing/Service)</p> <p>Category of Enterprise: (Micro/ Small/ Medium)</p>	
10	<p>Banker details:</p> <p>a) Name</p> <p>b) Branch No.</p> <p>c) Address</p> <p>c) Bank account No.</p> <p>e) Type of A/c :Saving / Current/CC/ any other</p> <p>f) IFSC Code</p>	
11	<p>Any other important information related to the tender requirement.</p>	
12	<p>Offered work completion period for the work of design, supply, installation, testing & commissioning of Nitrogen Injection Fire Protection System (NIFPS) along with allied works for all the four transformers are as per detailed specifications, scope of work and terms & conditions of tender.</p>	

Signature of tenderer with official stamp

Date & Place



e TENDER NO. RSMM CO MM NIT 09 2025-26

UNDERTAKING TOWARDS NON SUSPENSION/NON BANNING/GST.

Name of the Tenderer: _____

1. We hereby declare that we have not been banned/suspended or de-listed by RSMML or any other procuring entity in past as per points of annexure-A.
2. We undertake that "as on date, no default has been made by us towards payment of GST and all returns up to the last date of submission of bid have been filed by us."

Signature of Tenderer with official stamp

Place:
Date:



e TENDER NO. RSMM CO MM NIT 09 2025-26
UNDERTAKING TOWARDS ACCEPTANCE OF ALL TERMS & CONDITIONS OF TENDER

Name of Tenderer _____

We confirm that all the terms & conditions of tender is acceptable to us except the following.

Tenderer may stipulate here exceptions and deviations to the tender conditions, if considered unavoidable. In case the tenderer does not mention any information to the deviations in the below format & furnish it blank then it will be presumed that the tenderer is not offering/ putting any deviations to the tender terms & condition. Tenderer should mention the deviations, if any, at their own risk of rejection of their offer.

S.N.	Tender Clause no.	Requirement as per tender clause	Offered condition/ Deviation

Company may accept or may not accept the deviations put by the tenderer at its sole discretions. No claim on this will be entertained.

Note: Deviation to the tender terms, if any, mentioned anywhere else (i.e. in any other document furnished in support of tender will not be considered & accepted. RSMML will not entertain any claim of the tenderer on offered deviations mentioned anywhere else.

Signature of tenderer with official stamp

Date:

Place:



e TENDER NO. RSMM CO MM NIT 09 2025-26

Declaration for Registration under Micro, Small & Medium Enterprises Development Act, 2006.

1. Whether the tenderer is registered under Micro, Small & Medium Enterprises Development Act, 2006.
_____ (Yes/NO).
2. If yes, please furnish the declaration given below.
3. We _____ (Name _____) of Tenderer _____, hereby declare that, our organization is registered under Micro, Small & Medium Enterprises Development Act, 2006 as _____ (Micro, Small & Medium) Enterprises having entrepreneurs Memorandum no. _____ and under category of _____ (Manufacturer/Service).
4. **Enclose attested copy of registration certificate under MSME having entrepreneurship no.....**

Signature of tenderer with official stamp

Date & place:



e TENDER NO. RSMM CO MM NIT 09 2025-26

DETAILS OF TAXES & DUTIES OFFERED IN PRICE BID

Name of Tenderer _____

Particulars	% Rate considered in price bid
CGST	@.....%
SGST	@.....%
IGST	@.....%

Signature of tenderer with official stamp

Date:
Place:



e TENDER NO. RSMM CO MM NIT 09 2025-26

CHECKLIST TO THE SPECIFICATIONS FOR THE WORK OF DESIGN, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF NITROGEN INJECTION FIRE PROTECTION SYSTEM (NIFPS) ALONG WITH ALLIED WORKS.

Description/specifications	Agreed, Deviation if any
<p>Name of work: Turnkey work for design, supply, erection, commissioning, testing etc. of Nitrogen Injection system for protection against the transformer explosion for Transformers as indicated in Annexure VI(b).</p> <p>1. SCOPE OF WORK</p> <p>1.1 There are four nos of transformer installed at 132 KVA substation of IBP, RSMML. Each oil filled transformer/reactor shall be provided with a dedicated Nitrogen Injection system for prevention against the transformer explosion which shall use nitrogen as quenching medium. The system shall prevent transformer oil tank explosion and possible fire in case of internal / external cause. In the event of fire by external causes such as bushing fire. OLTC fires, fire from surrounding equipment etc., it shall act as a fast and effective fire fighter. It shall accomplish its role as fire preventer and extinguisher without employing water or carbon dioxide. Fire shall be extinguished within reasonable with time of system activation (10 second maximum) and within 30 seconds (maximum) of commencement of nitrogen injection.</p> <p>1.2 There are 2 bays for supplying power at 132 kV sub-station. At a time one bay i.e. one 132kV/33 kV and one 33 kV/3.3 kV transformers will be switched off. After completion of job on one bay and its successful working for a week other after charging. Another bay will be made available for the work.</p> <p>1.3 Nitrogen Injection Fire Prevention and Extinguishing System (NIFPES) provided by the manufacturer/ bidder shall be complete in all respects. The scope shall cover design, supply, installation, connections, testing, commissioning and after sales service of all associated items specified in these specifications.</p>	



1.4 The scope also includes provision of heat/ fire detectors (sensors), required pipes, cable connections etc.

1.5 The scope of civil work for the same is in the bidder's scope which includes all required civil works including oil sump/tank, foundations etc. required for satisfactory working of system.

1.6 All other components meant for activation and successful operation of the NIFPES shall be provided by the manufacturer/bidder.

1.7 Bidders are advised to visit our site to assess the technical requirement and details of existing installation/system of on any working day, if required, to understand the complete scope of work. Please note that in case bidder does not visit our site & submit the offer, it will be presumed that they have understood the work as per scope of work & no claim on this ground will be entertained.

2. SPECIFICATIONS

2.1 Nitrogen Injection Fire Prevention and Extinguishing System (NIFPES) shall be designed to prevent the fire from taking place in the transformer and possible explosion of transformer tank due to internal faults/ arcing. In case of fire inside the transformer tank, the NIFPES shall be capable of extinguishing the fire, minimizing the damage to the transformer and thus avoiding the spread of fire.

2.2 NIFPES system shall work on the principle of drain and stir of transformer oil. On activation of NIFPES, it shall isolate conservator tank oil from the oil in the main transformer tank, drain a pre-determined quantity of oil from the tank top through drain valve to reduce the tank pressure and inject nitrogen gas from the bottom side of the tank through the inlet valves to create stirring action and reduce the temperature of oil to prevent/ extinguish the fire. On the operation of NIFPES, the quantity of oil removed from the tank shall be such that adequate amount of oil shall remain in the transformer to cover the active part of the transformer i.e. the core-coil assembly. The NIFPES shall be designed in



such a way that heat/ fire detection period upon commencement of incident will be maximum 10 second and fire extinguishing period on commencement of Nitrogen injection shall be 30 second (maximum).

2.3 The detection properties of the detector/ sensor shall be site configurable.

2.4 Electrical isolation of transformer shall be an essential pre-condition for activation of NIFPES.

2.5 Operational Controls:

The system operation shall be automatic and shall be activated when the pre-set conditions of activation of the system are attained/ triggered. The maximum time period for extinction of fire from commencement of nitrogen injection into the transformer shall be 30 second. In addition to automatic operation, facility for remote operation from the control room/ remote control center (RCC) and manual operation from the Fire Extinguishing Cubicle (FEC) shall also be provided. The system shall operate in the following situations:

2.5.1 System Activation in Fire Prevention Mode

2.5.1.1 To prevent fire and explosion in the transformer including that from internal fault/arcing, signals from the following shall be used to activate the NIFPES:

(i) Operation of either of the protective relays i.e. differential or restricted earth fault (REF) or over current;

AND

(ii) Operation of either of the protective relays [Buchholz Relay or Pressure Relief Valve (PRV) or the signal from Rapid Pressure Rise Relay (RPRR)]

AND

(iii) Operation / Feedback of tripping of associated circuit breakers

2.5.1.2 Transformer shall be electrically isolated after which only the NIFPES shall operate. In case of some problem in main protection, the NIFPES shall derive the operation signal from the backup protection.



2.5.1.3 The exact logic for system activation shall be finalized during detailed engineering and in consultation with the utilities.

2.5.2 System Activation in Fire Detection Mode

2.5.2.1 In case of fire detection mode, signals from the following shall be used to activate the NIFPES:

(i) Heat / fire detectors (sensors);

AND

(ii) Operation of either of the protective relays [Buchholz relay or Pressure Relief Valve (PRV) or Rapid Pressure Rise Relay (RPRR)]

AND

(iii) Operation / Feedback of tripping of associated circuit breakers.

2.5.2.2 Transformer shall be electrically isolated after which only the NIFPES shall operate. In case of some problem in main protection the NIFPES shall derive the operation signals from the backup protection system.

2.5.2.3 The exact logic for system activation in fire detection mode shall be finalized during detailed engineering and in consultation with the user.

2.5.3 Manual operation switch with a proper cover to avoid inadvertent operation of the switch shall be provided in the control room / remote center and in FEC. Interlock shall be provided so that manual operation shall work only when the transformer is completely electrically isolated. NIFPES shall operate once the circuit breakers are isolated and feedback signal for isolation of breakers is received on NIFPES panel. The manual operation of NIFPES shall override the automatic operational mode and the operator shall ensure the complete isolation of the transformer before activation of the NIFPES.

2.5.4 The NIFPES manufacturer should provide the warning information on the Control Box and Fire Extinguishing Cubicle (FEC) that "*Ensure that HV, IV and LV breakers are open before operating in Manual Mode*" both in Hindi and English.



2.5.5 The logic for OLTC and Cable box protection shall be on similar lines as that of transformer main tank in case if separate provisions are being provided by transformer OEM.

2.6 Operation of System

2.6.1 On receiving the activation signal, the system shall:

- (i) Open the quick opening drain valve of transformer to drain its top layer oil (predetermined quantity);
- (ii) Shut off the transformer conservator isolation valve (TCIV) to prevent flow of oil from the conservator tank to the main transformer tank; and
- (iii) Open the valve to inject Nitrogen into the transformer tank to create stirring of oil.

2.6.2 There shall be interlock to prevent activation of the system if the transformer is not electrically isolated. There shall also be provision for isolating the system during maintenance and/or testing of the transformer.

2.6.3 The system shall be designed in such a manner that Nitrogen purging shall commence only after ensuring that the oil draining has commenced.

2.7 Technical Particulars

2.7.1 The OEM of NIFPES shall be responsible for design of the complete system and shall submit the drawings and design calculations for the number of Heat (fire) detectors (sensors), sizing of drain pipe, Nitrogen injection pipe, Nitrogen cylinder capacity, number of injection points etc. and get approval from the user. The facility shall be provided to test the system by operation of valves [Nitrogen injection valve, TCIV and Oil Drain Valve (ODV)] when the transformer is in service, without actually draining the oil and injecting Nitrogen in real time operation by obtaining the feedback signal from the valve. The Nitrogen injection scheme shall be designed in such a way that the Nitrogen shall not enter the transformer tank even in case of passing/leakage of valve.

2.7.2 The oil drain mechanism may or may not be a part of the fire extinguishing cubicle.



2.7.3 The Utilities shall provide two distinct station auxiliary DC/AC supplies for control power supply purposes. The system shall work on station DC/AC supply with voltage variation as per relevant standards. The control box of nitrogen injection fire prevention and extinguishing system shall have facility to receive these DC / AC supplies for auto changeover of supply. It shall be the Supplier's/ NIFPES OEM's responsibility to further distribute power to the required locations. In case system operational DC / AC power supply requirement is different than station auxiliary DC / AC supply, then all necessary converters shall be provided by the NIFPES OEM.

2.7.4 Following minimum indications and alarms shall be provided in the control cubicle in the control room:-

- a. DC supply 'ON'
- b. AC supply 'ON'
- c. Total System Healthy
- d. DC supply fail
- e. AC supply fail
- f. System out of Service
- g. Differential relay trip
- h. Restricted Earth Fault (E/F) Relay Trip
- i. Over current Relay Trip
- j. PRV trip / RPRR trip
- k. Buchholz Relay trip
- l. Master Relay trip [(HV, IV and LV (Tertiary Voltage))]
- m. Nitrogen cylinder pressure low
- n. Fire alarm
- o. Heat / Fire detector / Sensor faulty Signal
- p. Heat / Fire Detector / Sensor alarm signal
- q. Nitrogen injection Valve open
- r. Nitrogen injection Valve close
- s. Nitrogen injection Valve leakage
- t. Oil drain Valve open
- u. Oil drain Valve Close
- v. Leakage in Oil drain valve



- w. TCIV Open
- x. TCIV Closed
- y. Cable fault signal for interconnecting cable for transformer trip signals
- z. Auto operation failed
- aa. NIFPES system in Auto Mode
- bb. NIFPES system in Manual Mode
- cc. NIFPES system in Test / Maintenance mode

2.7.5 Other indicators, which supplier / user consider necessary shall also be provided.

2.7.6 The following push buttons shall be provided as a minimum:

- a. Mode Selection Switch, Auto / Manual / (test / Off)
- b. Lamp test push buttons
- c. System reset push button
- d. Detector reset push button, if applicable.
- e. Manual extinction push-button for manual operation of the system
- f. Hooter reset push button

2.7.7 Apart from the above list, Nitrogen cylinder pressure indication manometer with adequate number of adjustable 'Normally Opened (NO)' contacts shall also be provided in FEC. In case of fire in the transformer and fulfilling the conditions of defined logic for NIFPES operation for fire extinguishing mode or fire prevention mode, alarm (Audio & Visual) will be generated in control room.



2.8 Technical Data Sheet

2.8.1 The following are the technical requirements of the NIFPES:

Sr. No.	Item	Requirements
1	Fire detection period on commencement of fire.	Maximum 10 second
2	Fire Extinction period on commencement of Nitrogen injection.	Maximum 30 second
3	Fire detectors/sensors heat sensing temperature	120 °C temperature of the transformer oil minus 5°C with tolerance of +/- 2°C.
4	Power Source (uninterrupted) for: a) Control Box b) Fire extinguishing cubicle	110/220 V DC (+10% & -15%) / 230 V AC 110/220 V DC (+10% & -15%) / 230 V AC
5	Nitrogen Cylinder and Valve (PESO approved)	As per IS:7285 (Part 2) and IS:3224 (latest) BIS Mark
6	Degree of protection of (a) FEC (b) Heat (fire) detector/sensor and Signal/Junction box (if any)	(a) IP 65 (b) IP 65



7	Steel Sheet of FEC, Control Box and Signal Box	Steel sheet shall be as per grade CR2 of IS: 513, Part-1. Thickness of Steel Sheet of FEC and Control Box and Signal Box shall be 3.0 mm minimum
8	Color of all panels and Nitrogen Injection pipes	Shade 538 of IS: 5
9	Heat (fire) detector / sensor	OEM shall furnish technical details
10	Minimum distance of FEC from the Transformer	FEC should be at a safe distance from Transformer (preferably 5-7 meters). Firewall (minimum 2 hrs fire withstand capacity) will be provided around FEC with the height 600 mm from the top of FEC to protect it from fire of the transformer.
11	For conservator valve of flow based mechanism, flow rate for closing of flow-based conservator isolation valve	60 Ltrs. / minute.

2.8.2 In case the pressure in the nitrogen cylinder somehow exceeds the rated pressure, there should be the provision for extracting the excess nitrogen to attain the safe pressure in the nitrogen cylinder.



2.9 Details of Supply of System/ Equipment and Other Related Activities:

2.9.1 Nitrogen injection fire protection system shall broadly consist of the following components/devices. However, all other components that are necessary for fast, reliable and effective working of the fire protection system shall deemed to be included in the scope of supply.

2.9.2 The fire extinguishing cubicle with base frame and containing at least the following:

- (i) Nitrogen gas cylinder and cylinder valve having the Petroleum and Explosive Safety Organization (PESO) certificates of sufficient capacity.
- (ii) Pressure regulator with indicators for nitrogen pressure of the cylinder and actual injection pressure through nitrogen cylinder and manometer with sufficient number of adjustable 'Normally Open (NO)' contacts.
- (iii) Oil Drain Assembly including oil drain valve and its equipment for operation, oil drain pipe extension of suitable size and strength for connecting pipes to Oil Storage Tank, along with level switch for detecting leakage in oil drain valve.
- (iv) Mechanical release device for oil drain and nitrogen gas release.
- (v) Limit switches for monitoring of the systems.
- (vi) Panel lighting.
- (vii) Flanges on top of the panel for connecting oil drain in case of oil drain mechanism is part of fire extinguishing cubicle(FEC) and nitrogen injection pipes for transformer.
- (viii) Fire Extinguishing Cubicle (FEC) shall have proper illumination.
- (ix) The heater with thermostat shall be provided in the FEC. Heater should be operated as per the setting of thermostat.
- (x) Mandatory spares as applicable.

2.9.3 In case if oil drain mechanism is not a part of FEC - the related items shall be as per the Original Equipment Manufacturer's (OEM) design, however, the functional requirements have to be met.



- 2.9.4 The FEC shall be provided with canopy / shed to be protected from 3 sides to avoid water ingress and protect the FEC from direct sunlight and radiant heat. The canopy / shed shall be designed to cover almost more than half of the FEC height from top.
- 2.9.5 Control box /cubicle to be installed in the control room of the substation for monitoring the NIFPES operation, automatic control and remote operation with alarms, indications, switches, push buttons, audio signal etc. Control Box / Cubicle should be microprocessor based /PLC based compatible to be interfaced with Owner's/ Purchaser's Supervisory Control and Data Acquisition (SCADA) system in the Substation/Switchyard.
- 2.9.6 The required number of heat/fire detectors/sensors to be located at strategic locations and to be finalized during detailed engineering. Diagonal/adjacent distance between two heat/fire detectors/sensors shall not exceed more than 800 mm. heat/fire detector/sensor shall be IP 65 approved. All the control /power cables between the NIFPES panel and the transformer, from the control room to FEC, from the Control and Relay Panel to the Control Box/cubicle, Control Box/cubicle to DC/AC supply Source, Signal/junction box to FEC or any additional junction box placed near FEC shall be Fire Survival Cable type up to the thermal limit (in case of fire and or explosion). Fire survival cables shall be suitable to withstand a temperature of 750 °C. Further, Technical Data sheet and applicable valid type test report as per applicable latest IS shall be submitted to the user during detailed engineering.
- 2.9.7 Transformer Conservator Isolation Valve (TCIV) to isolate the conservator oil from the main tank oil is to be provided by the NIFPES OEM. This valve shall be located in the piping between the conservator and the Buchholz relay.



2.10 SCADA compatibility

- 2.10.1 The NIFPES shall be provided with IEC 61850/RS 485/TCP IP compatible port or using suitable converters for integration with user's SCADA system. Integration to SCADA system will be done as per contract outlined by owner, however necessary support shall be provided by NIFPES OEM.
- 2.10.2 For transformers, the control panel of NIFPES shall be HMI (Human Machine Interface) based SCADA system having facility to store and take print out of the events and history of all the alarms & faults occurred into the NIFPES system. The data retention capacity shall be of minimum 6 months.
- 2.10.3 The HMI screen size shall be of minimum 12" or above as per manufacturer standard. The HMI shall display the graphical representation of the system along with dynamic status of all the valves.
- 2.10.4 The system shall also be designed keeping in view for addition of GSM modem & card for future so as to send SMS alerts to minimum of 5 personnel.
- 2.10.5 The ethernet switch, patch cord, Light Interface Unit (LIU) and Fibre Optic (FO) cable are in the scope of bidder.

2.11 Drain Oil Storage Tank

- 2.11.1 A drain oil storage tank for each transformer shall be provided at suitable location.
- 2.11.2 The oil storage tank shall have non-corrosive, waterproof, epoxy coated, mild steel (minimum thickness 5 mm) to store drained out oil on operation of NIFPES.
- 2.11.3 The total capacity of storage tank shall be minimum 3000 liter for each 132 kV/33 kV, 12.5/16 MVA transformer and minimum 1000 Liter for each 33kV/3.3 kV, 10/12.5 MVA Transformer. All the pipes and physical connections from transformer to storage tank shall be in the scope of NIFPES OEM/Contractor.



2.12 Tests

2.12.1 Factory Acceptance Test (FAT)

Desired functional verification of NIFPES shall be conducted by the utility/ user at the works of NIFPES manufacturer as per the IS/EIC standard. Bidder has to submit valid type test reports as per relevant IS/IEC including IP 55 on FEC, control box etc., from NABL approved Laboratory or any other reputed authority nationally or internationally not older than 5 years & must be valid till expiry of validity of offer.

Reports of all routine test conducted as per relevant IS/IEC standards in respect of various bought out items including test reports for degree of protection for FEC/control box / signal box shall be submitted by the supplier.

The supplier shall demonstrate the entire functional test associated with the following as Factory Acceptance Tests:

- FEC, Control Box
- Fire Detector
- Transformer Conservator Isolation Valve

The performance test of the complete system shall be carried out after erection of the system with transformer at site.

Detailed layout drawings, equipment drawing along with 4 sets of Operation and Maintenance manual along with soft copies shall be submitted by the supplier along with the consignment.



2.12.2 Type Test of heat/fire Detector/Sensors

Type test report of the heat/ fire Detector/Sensors shall be submitted to the client along with the design/drawing documents. The heat/fire detector/Sensors shall be tested as per the procedure given below:

Test	Type	Procedure	Requirement	Observed Value
Testing of the heat/fire detector /Sensors	The heat/fire detectors / Sensors along with the make and model number is to be mentioned in this column.	<ol style="list-style-type: none"> Heat/fire detector / sensor is to be tested by immersing it in the heating liquid with temperature measurement or by suspending in hot air oven with temperature measurement. The temperature of the liquid / air is to be increased at the rate of 1 0C per minute and reading of the thermocouples to be noted. Thermocouple for measuring the temperature is to be provided at the tip/ surface of the detector. The temperature of the liquid / air is to be increased till the Detector Bursts / activates. 	The heat/ fire detectors / Sensors activate at the temperature of 120 0C of the transformer oil minus 5 0C with tolerance of +/- 20C	The temperature, at which the heat/fire detectors / Sensor activates, is to be recorded.



2.12.3 Site Acceptance Test (SAT)/Performance Test

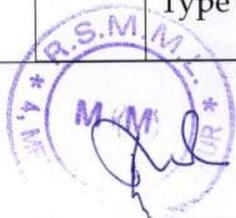
- i. SAT/Performance test of the NIFPES shall be carried out after the completion of installation at site. These tests shall include simulation and verification of the response of the complete system without actual draining of the oil and injection of the Nitrogen gas. In addition to the above, additional mutually agreed tests as considered necessary shall be conducted. SAT shall also include to test the provisions as specified in Para-2.6 "Operation of System" above.
- ii. SAT shall also include demonstration of the system checking when transformer is in online condition as mentioned in Para-2.8 "Technical Particulars" above.
- iii. For flow based TCIV bidder to demonstrate the locking/closing of TCIV valve at specified flow rate as per technical data sheet. Necessary arrangements to demonstrate the requisite flow rate and measurement instruments as required shall be made available by bidder for conducting SAT. Oil filtration if required post testing the scope shall be decided by respective utilities.
- iv. Installation and pre-commissioning test after installation of the system shall be carried out jointly with the utility's representative before the system is put in service. All the system checks as per approved SAT procedure shall be performed to the satisfaction level of the end user.



3. **TECHNICAL PARTICULARS NITROGEN INJECTION SYSTEM FOR PREVENTION OF FIRE/ EXPLOSION FOR TRANSFORMERS**

3.1 Detail to be filled by the bidder as under:-

Sr. No.	Description	Offered Particulars
1	Name of Manufacture and country of origin	
2	Reference standards	
3	Details of system equipments	
4	FEC (Fire Extinguishing Cubicle)	
(a)	Dimensions (LXBXH) mm	
(b)	Weight	
(d)	Capacity of Nitrogen cylinder	
	Number of cylinders	
	Pressure of Nitrogen filing	
(e)	Minimum distance of FE cubicle from the Transformer	
(f)	Method of mounting	
(g)	Whether the following items are provided in FE cubicle. If so furnish make, type & other details.	
	Contact Manometer	
	Pressure Regulator	
	Oil Release Unit	
	Gas release unit	
	Oil drain assembly	
	Pressure / limit switches	
	No. of contacts & spare contacts (NO & NC)	
(h)	Oil drain Valve (ABOVE FEC)	
	Make	
	Type	
	Size	
	Type of metal	



(i)	Nitrogen Injection Valve (Above FEC)			
	Make			
	Type			
	Size			
(j)	Oil drain pipe			
	Size			
	Length			
(k)	Number of openings in the transformer tank			
	Material			
	Thickness			
5	Control Box			
(a)	Dimensions (LXBXH) mm			
(b)	Type & Thickness of sheet steel			
(c)	Details of components provided in the control box			
(d)	Control voltage			
(e)	Method of mounting			
(f)	Whether audio and visual alarm provided?			
6	Transformer Conservator Isolation Valve			
(a)	Make			
(b)	Type			
(c)	Location			
(d)	No. of contacts & spare contacts (NO & NC)			
(e)	Padlocking provision			
7	Detectors			
(a)	Make			
(b)	Type			
(c)	Quantity required			
(d)	Method of fixing			
(e)	Effective heat sensing area			
(f)	Temperature recommended for effective heat sensing			
(g)	Number of contacts NO / NC			



(h)	Necessity and condition of Refilling	
8	Whether approved by Tariff Advisory Committee of India	
9	Power Supply	
(a)	Control box	
(b)	FEC (lighting)	
(c)	Extinction period	
(d)	On system activation	
(e)	On commencement of Nitrogen injection	
10	FEC Suitable for capacity	
(a)	Dimensions (LXBXH) mm	
(b)	Weight	
(c)	Nitrogen cylinder capacity	
11	Control Box	
(a)	Dimensions (LXBXH) mm	
(b)	Weight	
12	Detectors	
(a)	Heat sensing temperature	

3.2 Time of Operation

Description	Transformer Tank Explosion Prevention	Fire Extinction
	a. For system activation b. For reduction of pressure in Tank by Nitrogen release.	

4. ON-SITE TRAINING

The successful bidder shall arrange on-site training for the designated personnel after installation and commissioning of the NIFPS system at our site. In addition, the bidder shall provide training manual, operating procedure manual and parts catalogue in both soft copy and hard copy.



5. MODIFICATIONS ON THE TRANSFORMER

- (i) No modification is allowed in transformer design like additional opening on transformer top cover, drilling of holes, welding on transformer tank or inserting any kind of component or sensor in transformer tank, which affects in performance, safety etc or its any other useful parameter of transformer. This requirement shall be paramount importance and shall form essence of this contract. No new openings shall be made on the transformer tank. However, in any case, performance of transformer should not be affected in any manner as brought out above.
- (ii) High level of cleanliness during installation & commissioning shall be maintained. All pipes should be washed/rinsed with transformer oil (to be supplied by end user, wherever required for draining/filling/rinsing/washing).
- (iii) Nitrogen injection fire protection system shall be such that it does not affect the performance, efficiency, capacity and safety features of the transformer.
- (iv) It shall be solely the responsibility of supplier to install, carry out tests & commission of pre-commissioning NIFPES to the complete satisfaction of the purchaser and/or his representative.
- (v) There are four transformers installed at 132 KV Sub-station and dedicated Nitrogen Fire Protection (NIFPS) is required for each transformer. Out of these four transformers, only one NGEF make transformer (Manufacturing year 2023) is provided with retrofitting provision for NIFPS, whereas the remaining three transformers do not have such provision.

6. APPLICABLE STANDARDS AND CODES

The NIFPS and each of its sub-assemblies to be designed, manufactured and tested to the relevant Indian / IEC / internationally accepted standards listed below (latest edition with amendments). Also require that each assembly carry test



certificates / type approvals as per the individual standard (e.g. gas cylinders – IS 7285 & PESO rules; control panel – IEC/IS electrical standards; detectors – IS 2189 / EN/IEC etc.). This is the approach followed in current NIFPS specs.

- a) **Gas cylinders / high-pressure gas equipment:-** IS 7285 (Part 1 & Part 2), Refillable seamless steel gas cylinders (covers design, manufacture, inspection & testing). (Also require PESO/type-approval as applicable)
- b) **Pressure vessels / tanks / manifolds / piping carrying N₂ :-** IS 2825, Code for unfired pressure vessels (or ASME Sec. VIII as acceptable alternative where specified). Also reference the Static and Mobile Pressure Vessels (Unfired) Rules, 2016 / PESO rules for statutory compliance.
- c) **Fire detection / sensing (linear heat cable, point detectors, flame/heat detectors):-** IS 2189, Selection, installation and maintenance of automatic fire detection and alarm systems.

Where linear heat detection is used, reference accepted international practice/standards (e.g. BS EN/BS 5839 or EN 54 family guidance / NFPA guidance) as agreed with purchaser. (Internet Archive)

d) **Electrical / control / release panels and wiring:-**

- IEC 61439 (or equivalent IS) for low-voltage switchgear/distribution boards.
- IEC 61131 for PLC controllers (programming and functional requirements) and IEC 61508/IEC 61511 (or suitable functional safety standard) if safety functions are implemented as safety instrumented functions.
- IEC 60331 / IS equivalents for fire-resistant cabling where required.

- e) **Transformer / oil related tests (because NIFPS interfaces with transformer):-** IS 335 (transformer insulating oil tests, breakdown voltage etc.) – referenced in transformer/NIFPS specs where drained oil/oil properties are tested.



- f) **General fire protection / system testing & commissioning:-** Where relevant, reference NFPA guidance for gaseous/inert agent systems (e.g. NFPA documents on inert gas and gaseous extinguishing systems) and purchaser-specific test procedures. Also include vendor factory type tests, site tests and witness tests as per purchaser.
- g) CEA Technical Standards for Construction of Electrical Plants and Electric Lines Regulations, 2010 with 2015 amendment CEA Measures relating to Safety and Electric Supply Regulations, 2010 with 2015 amendment. CBIP Manual on Transformers, Publication No. 317, IEEMA Manual on Transformers, Publication No IEEMA-25-201.

7. **SPECIAL CONDITION OF WORK**

The work under this tender shall be executed on a complete turnkey basis for the design, engineering, supply, transportation, unloading, storage, installation, testing, commissioning and successful handing over of Nitrogen Injection Fire Protection System (NIFPS) in all respects, in accordance with the tender specifications, approved drawings, applicable IS/IEC/NFPA standards, statutory requirements and prevailing site conditions.

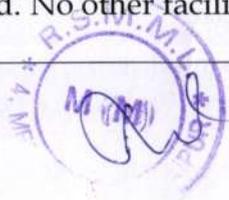
The bidder shall be solely responsible for single-point responsibility for carrying out all activities, services and works required to achieve complete, safe, reliable, and fully functional NIFPS, irrespective of whether such activities are explicitly mentioned in the tender documents, but which are necessary for successful installation, integration, testing, commissioning and continuous operation of the system.

The scope of the bidder shall include, but not be limited to:

- Detailed system design, nitrogen requirement calculations, sizing of storage vessels/cylinders, pipelines, injectors, valves, control panels and safety devices.



- Supply, installation and commissioning of complete NIFPS including nitrogen storage system (cylinders/bullets), regulators, solenoid/actuated valves, pressure reducing stations, injection nozzles, piping, fittings, control and logic panels, sensors, alarms and interlocks etc.
- Provision of all manpower including skilled and unskilled workmen, supervisors, OEM-trained technicians and commissioning engineers etc.
- Arrangement of all tools, tackles, lifting and handling equipment such as cranes, hydras, forklifts, scaffolding, etc.
- Electrical and control works including cabling, terminations, earthing, interconnections and integration with existing fire detection, alarm etc.
- Testing, pressure testing, purging, functional testing, simulation of fire scenarios and final commissioning of the NIFPS.
- Supply of all consumables, minor materials, fasteners, supports, clamps and temporary facilities required during execution.
- Compliance with all applicable safety norms, statutory regulations, gas handling procedures and site safety requirements etc.
- Training of operating and maintenance personnel and submission of as-built drawings, operation & maintenance manuals, test certificates and statutory approvals etc.
- The work shall be executed on complete turn-key basis. All items, services, manpower, tools & tackles, equipment, testing & commissioning activities required for successful installation of NIFPS shall be in the scope of the bidder. RSMML's scope shall be limited to providing water and electricity at site free of cost during the execution period. No other facility or service shall be provided by RSMML.



All costs associated with the above activities shall be deemed to be included in offered price. No additional payment shall be admissible on the grounds that any item, activity, service, or arrangement required for successful installation and commissioning of the Nitrogen Injection Fire Protection System was not explicitly mentioned in the tender documents.

The bidder shall ensure that NIFPS is successfully installed, tested, commissioned and made fully operational within the stipulated contract period and handed over to RSMML to the complete satisfaction of Engineer-in-Charge.

1. Detail specification of all four nos transformers & plan layout of existing switch yard of 132 KV substation as below:-

1.1 Power Transformer Qty -02 Nos

Make	NGEF
Type	OFTR 16000/132
Rated KVA	ONAF-16000
	ONAN-12500
Rated Voltage	HV-132000
	LV-33000
Rated Current	ONAF-HV-69.98
	LV-279.90
	ONAN-HV-54.67
	LV-218.67
Quantity of Insulation Oil	21591 Liters
Year of Manufacturing	1991 and 2023

Note: - Transformer (Manufacturing Year 2023) is having retrofitting provision for NIFPS.



1.2 Power Transformer Qty -02 Nos

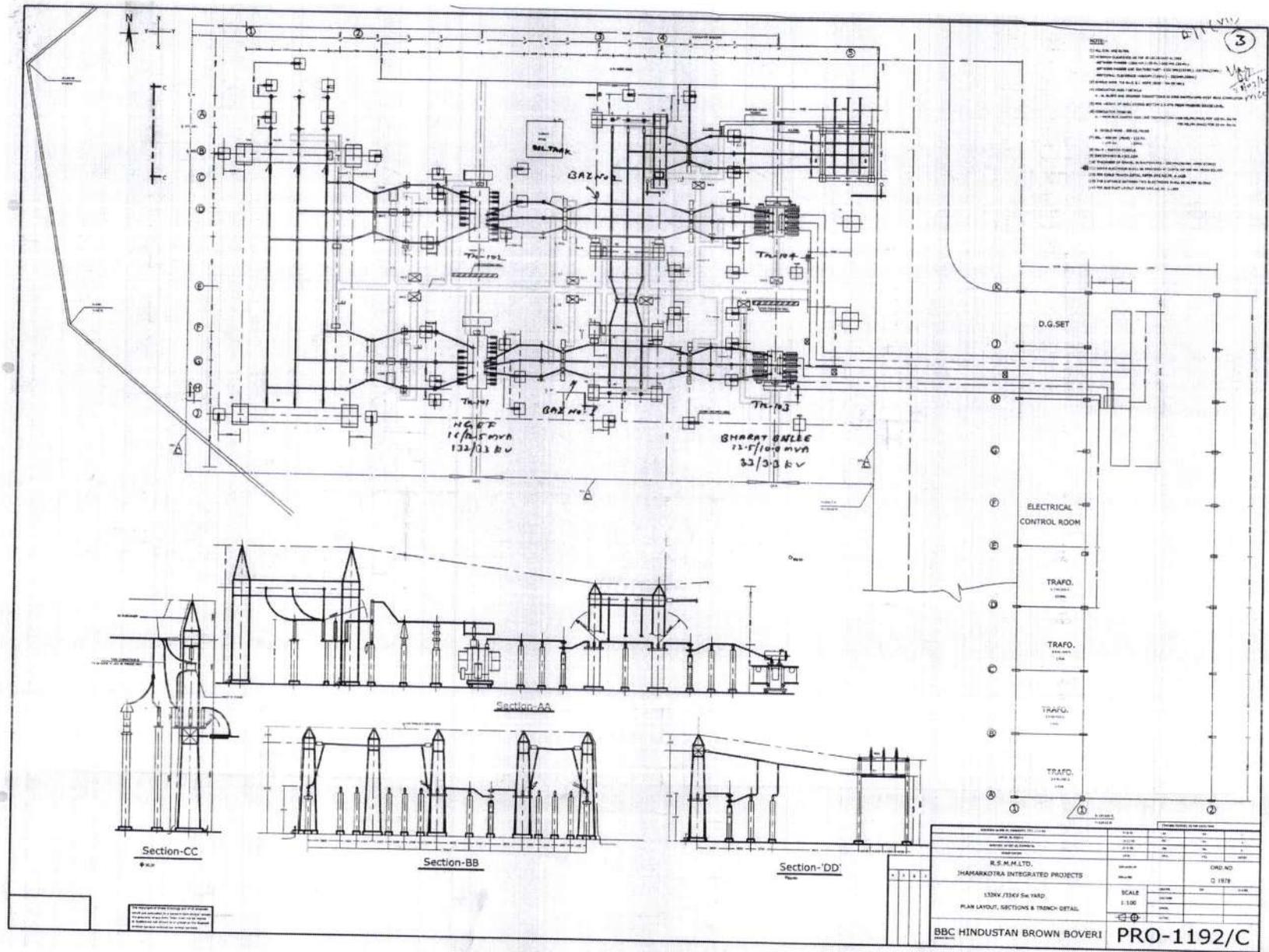
Make	Bharat Bijlee
Type	
Rated KVA	ONAF-12500
	ONAN-10000
Rated Voltage	HV-33000
	LV-3300
Rated Current	ONAF-HV-218.70
	LV-2187
	ONAN-HV-175
	LV-1750
Quantity of Insulation Oil	4850 Liters
Year of Manufacturing	1990



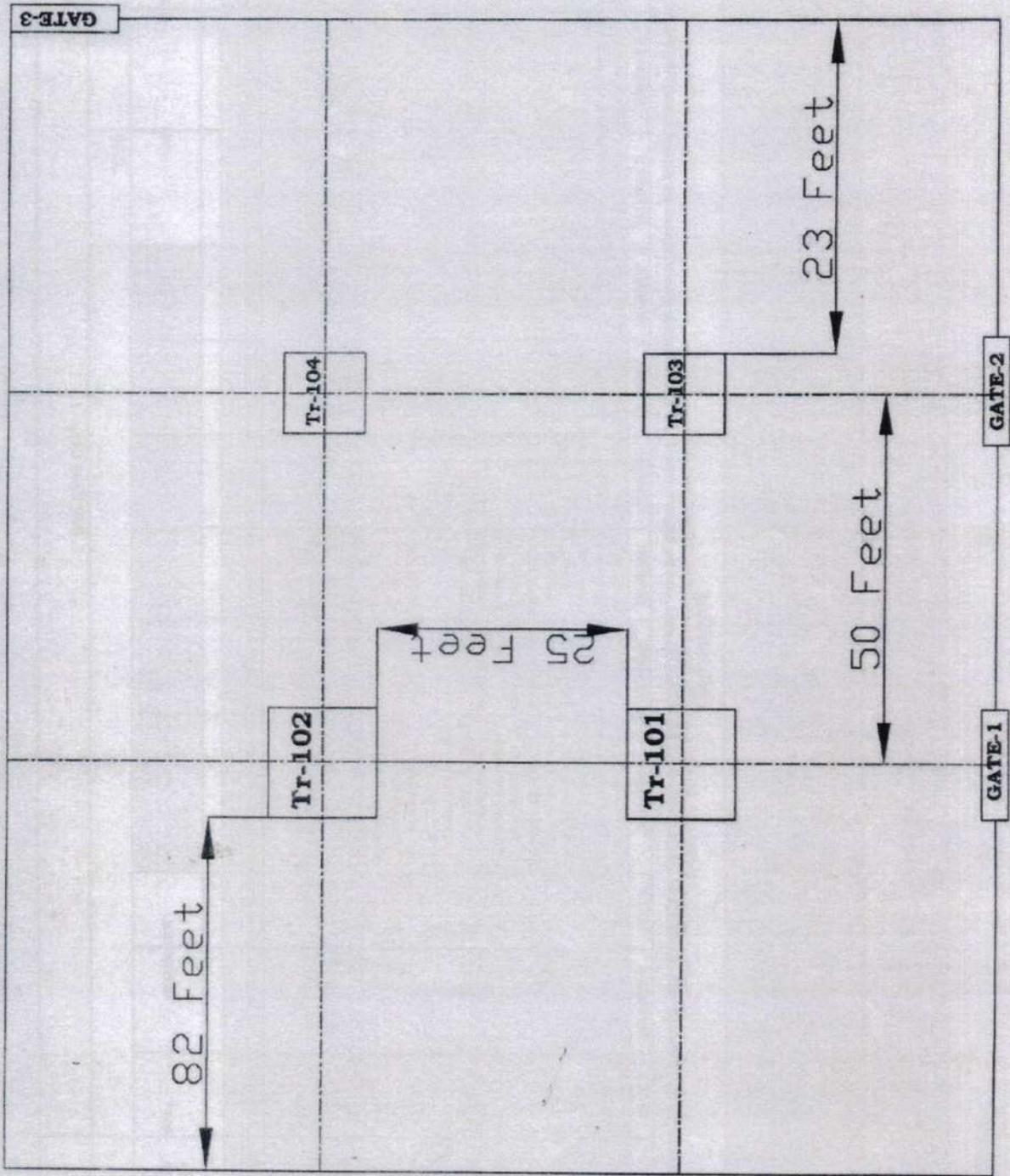
Place :
Date

Signature with Office Seal of the tenderer.

Annexure- VI, B Plan lay out of existing switch yard of 132 KV S/S-



LAYOUT OF 132 KV SUB STATION AT RSMML, JHAMARKOTRA MINES



Photographs of existing Transformers









e TENDER NO. RSMM CO MM NIT 09 2025-26

DECLARATION BY TENDERER

I/We declare that I am/ We are /manufacturer in the goods/stores/equipments for which I/We have tendered.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/our bid security/security deposit may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Signature of tenderer with official stamp

Date:

Place:

Note:- Tenderer are requested to attached documentary proof towards their status i.e. manufacturer.



e TENDER NO. RSMM CO MM NIT 09 2025-26**Details of past experience**

{To be submitted with Part-1 of the offer (Techno- commercial part)}

List of order(s) executed in past as per pre-qualification criteria of tender

S. No	Name & Address of the Purchaser	Order No. & Date	Brief Description of the work	Status
01				
02				
03				
04				
05				
06				
07				

Note: Essentially enclose copies of Purchase Orders, Performance Certificate, Status of work etc as per PQC of tender.

Signature with Office Seal.

Place:

Date:



PROFORMA OF GUARANTEE BOND FOR SECURITY DEPOSIT

(To be issued by public Sector Banks & Private Sector banks as per schedule II of the Reserve Bank of India Act, 1954 as per list enclosed at annexure-XII having its Branch office at Udaipur on the non-judicial stamp paper of value equal to @ 0.25% (zero-point twenty five percent) of the total Security Deposit Amount subject to maximum of Rs. 25000/- or as applicable at the time of submission of BG.

B.G _____ Dated _____

Contact details of BG issuing Banker :

- Postal Address:-
- Telephone Nos.:-
- Fax No.:-
- e-mail Address:-
- Contact person e-mail:-

Contact details of Banker's local branch at Udaipur :

- Postal Address:-
- Telephone Nos.:-
- Fax No.:-
- e-mail Address:-
- Contact person e-mail:-

This Deed of Guarantee executed between _____ having its registered office at (mention complete postal address with contact nos./mail address etc.)_____ and its head office at (mention complete postal address with contact nos./mail address etc.)_____ and wherever the context so required include its successors and assignees (hereinafter called the Surety/Bank) AND Rajasthan State Mines and Minerals Limited, a company incorporated and registered under Indian companies Act, 1956, having its registered office at C-89/90 Lal Kothi Scheme, Janpath, Jaipur and Corporate office at 4 Meera Marg, Udaipur and wherever its context so required includes its successors and assignees (hereinafter called 'the company').

Whereas the Company having agreed to exempt M/s. _____ a company/partnership firm _____ (address of registered/H.O.) where ever the context so require includes its successors and assignees (hereinafter called 'the Contractor/supplier/RC holder') from the demand under the terms and conditions of Letter of Acceptance/ Purchase Order/ Rate Contract no. _____ dated _____ issued in favour of the Contractor/supplier/RC holder, hereinafter called 'the said Letter of Acceptance/ Purchase Order/ Rate Contract' which expression shall also include any amendment, modification or variations thereof made in accordance with the provision thereof, of cash security deposit for the due fulfillment by the said Letter of Acceptance/ Purchase Order/ Rate Contract on production of unconditional and irrevocable Bank Guarantee for Rs. _____(Rs. _____) being Contract.

Now this deed witnesseth that in consideration of said bank having agreed on the request of the Contractor/supplier/RC to stand as surety for payment of Rs. _____ as security deposit to the company subject to the following conditions.



1. We, _____ (Bank) do hereby undertake to pay to the company as amount not exceeding Rs. _____ against any loss or damage caused to or suffered or would be caused to or suffered by the company by reason of any breach by the said contractor/supplier/RC holder of any of the terms and/or conditions contained in the Letter of Acceptance/ Purchase Order/ Rate Contract. The decision of the Company, as to any such breach having been committed and loss/damage suffered to shall be absolute and binding on us.
2. We, _____ (bank) do hereby undertake without any reference to the Contractor/supplier/RC holder or any other person and irrespective of the fact whether any dispute is pending between the Company and the Contractor/supplier/RC holder before any court or tribunal or Arbitrator relating thereto, to pay the amount due and payable under this guarantee without any demur, and/or protest merely on the very first demand from the Company stating that the amount claimed is due by way of loss or damage caused to or suffered by or would be caused to or suffered by the Company by reason of any breach by the said contractor/supplier/RC holder of any of the terms and conditions contained in the said Letter of Acceptance/ Purchase Order/ Rate Contract by reason of the said contractor's/supplier's/RC holder's failure to perform the covenants contained in said Letter of Acceptance/ Purchase Order/ Rate Contract. Any such demand made on the bank shall be conclusive, absolute and unequivocal as regards the amount due and payable by the bank under this guarantee. However, bank's liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.
3. We, _____(bank) further agree that the guarantee herein above contained shall remain in full force and effect during the period that would be taken for the performance of the contract and that it shall continue to be enforceable till all the dues of the company under or by virtue of the contract have been fully paid and its claim/s satisfied or discharged or till the company certifies that the terms and the conditions of the said Letter of Acceptance/ Purchase Order/ Rate Contract have been fully and properly carried out by the said contractor/supplier/RC holder and accordingly discharges the guarantee, unless a demand or claim under this guarantee is made on the bank in writing on or before _____(scheduled completion date, plus six months or period which is required), the bank shall be discharged from all liability under this guarantee thereafter unless otherwise further extended by the bank.
4. In order to give full effect to the guarantee herein contained the company shall be entitled to act as if, we(bank) are your principal debtor in respect of all your claims against the Contractor/supplier/RC holder hereby guaranteed by us as aforesaid and we hereby expressly waive all our rights of surety-ship and other rights, if any which are in any way inconsistent and/or contrary to the above or any other provision of this guarantee, the bank's guarantee to pay hereunder will not be determined or affected by your proceeding against the Contractor/supplier/RC holder and the bank will be liable to pay the said sum as and when demanded by you merely on first demand being made on the bank by you and even before any legal or other proceedings taken against the contractor/supplier/RC holder. Any letter of demand delivered at the bank's above branch/divisional office or Udaipur branch office

_____(specify the name & address)

under the signatures of the company's Financial Advisor/ Group General



Manager/ General Manager or any of the Directors shall deemed to be sufficient demand under this guarantee.

5. We, _____(bank) further agree that the company shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said letter/Purchase Order/ or to extend time of performance by the said supplier/RC from time to time or to postpone for any time or from time to time any of the powers exercisable by the Company against the said Contractor/supplier/RC and to for bear or enforce any of the terms and conditions relating to the Purchase Order/ and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor/supplier/RC holder or for any fore bearance act, or omissions on the part of the company or any indulgence of the Company to the said Contractor/supplier/RC holder or by any such matter or things whatsoever which under the law relating to the sureties would but for this provisions have effect of so relieving us.
6. This guarantee herein contained would come into force from the date of issue and would not be affected by any change in the constitution of the supplier/RC or ourselves or liquidation or winding up or dissolution or insolvency of the contractor/supplier/RC holder nor shall it be affected by any change in company's constitution or by any amalgamation or any absorption thereof or therewith but shall ensure for and be available to and enforceable by absorbing or amalgamated company or concern till the payment or amount not exceeding Rs. _____ is made by the Bank.
7. The guarantee will not be discharged or affected if the Company holds/obtain any other security/guarantee/promissory note from any person and/or the contractor/supplier/RC holder and this guarantee shall be in addition to any such guarantees.
8. We, _____(Bank) lastly undertake not to revoke this guarantee during this currency except with the previous consent of the company in writing.
9. The bank has power to issue this guarantee in favour of the Company and the undersigned has full powers to do so under power of Attorney dated _____ granted to him by the bank.
10. For the purpose of enforcing legal rights in respect of this guarantee Udaipur courts in the state of Rajasthan alone shall have jurisdiction.

IN WITNESSETH I, HEREBY _____ SON OF _____(designation) _____(branch) constituted attorney of the said bank have set my signatures and bank seal on this guarantee which is being issued on non-judicial stamp of proper value as per Stamp Act prevailing in the state of _____executed at _____ this the _____ day of _____ 2026.



e TENDER NO. RSMM CO MM NIT 09 2025-26

FORM OF BID-SECURING DECLARATION (Applicable only for the bidders fall in the category of bidders as per clause no. 11.0 (B) of tender

(To be typed on non judicial stamp paper of valuing Rs. 50/-)

Date:

Bid No.:

Alternative No.:

To:

We, the undersigned, declare that:

We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

We accept that we are required to pay the bid security amount specified in the Term and Condition of Bid,

In the following cases, namely:-

- (a) when we withdraw or modify our bid after opening of bids;
- (b) when we do not execute the agreement, if any, after placement of supply/work order with in the Specified period;
- (c) when we fail to commence the supply of the goods or service or execute work as per supply/work Order within the time specified;
- (d) when we do not deposit the performance security within specified period after the supply/work Order is placed ;and
- (e) if we breach any provision of code of integrity prescribed for bidding specified in the Act and Chapter VI of these rules.

In addition to above, the State Government shall debar us from participating in any procurement process Undertaken for a period not exceeding three years in case where the entire bid security or any part thereof is required to be forfeited by procuring entity.

We understand this bid securing declaration shall expire if:-

- (i) we are not the successful bidder;
- (ii) the execution of agreement for procurement and performance security is furnished by us in case we are successful bidder;
- (iii) thirty days after the expiration of our bid.
- (iv) the cancellation of the procurement process ;or
- (v) the withdrawal of bid prior to the deadline for presenting bids, unless the bidding documents stipulate that no such withdrawal is permitted.

Signed.:-----

Name :-----

In the capacity of:-----

Duly authorized to sign the bid for and on behalf of:

Dated on day of

Corporate seal-----

[Note: In case of a Joint Venture, the bid securing declaration must be signed in name of all Partners of the joint venture that is submitting the bid,]



e TENDER NO. RSMM CO MM NIT 09 2025-26

**FORMAT OF DECLARATION IN LIEU OF SECURITY DEPOSIT CUM
PERFORMANCE GUARANTEE IN CASE OF AWARD OF CONTRACT (Applicable
only for the bidders fall in the category of bidders as per clause no.
11.0 (B) of tender**

(To be typed on non judicial stamp paper of valuing Rs. 50/-)

To: RSMML

We, the undersigned, declare that:

We understand that, according to your conditions, the Contract must be supported by a Performance Security Declaration as a guarantee to ensure fulfillment of our all-performance obligations under the Contract for above mentioned tender.

We accept that we will automatically be suspended from being eligible for bidding in any contract with you for the suitable time if we are in breach of any of our performance obligation under the conditions of the Contract. We further understand this Performance Security Declaration shall expire after 60 days of completion of our all obligations under the Contract including Defect Liability, warranty/ Guarantee, operation, maintenance, etc. in accordance with the conditions of the Contract.

Signature of tenderer with official stamp

Date:

Place



e TENDER NO. RSMM CO MM NIT 09 2025-26**Public Sector Banks & Private Sector banks as per schedule II of the Reserve Bank of India Act, 1954****List of Scheduled Public Sector Banks**

S.No.	Name of the Bank
1	Bank of Baroda
2	Bank of India
3	Bank of Maharashtra
4	Canara Bank
5	Central Bank of India
6	Indian Bank
7	Indian Overseas Bank
8	Punjab & Sind Bank
9	Punjab National Bank
10	UCO Bank
11	Union Bank of India
12	State Bank of India

List of Scheduled Private Sector Banks

S.No.	Name of the Bank
1	Axis Bank Limited
2	Bandhan Bank Limited
3	CSB Bank Limited
4	City Union Bank Limited
5	DCB Bank Limited
6	Dhan Laxmi Bank Limited
7	Federal Bank Limited
8	HDFC Bank Limited
9	ICICI Bank Limited
10	IndusInd Bank Limited
11	IDFC FIRST Bank Limited
12	Jammu & Kashmir Bank Limited
13	Karnataka Bank Limited
14	Karur Vysya Bank Limited
15	Kotak Mahindra Bank Limited
16	Nainital Bank Limited
17	RBL Bank Limited
18	South Indian Bank Limited
19	Tamilnad Mercantile Bank Limited
20	YES Bank Limited
21	IDBI Bank Limited
22	AU Small Finance Bank



e TENDER NO. RSMM CO MM NIT 09 2025-26

Format of Undertaking

(on non-judicial stamp paper of appropriate value)

Name of contractor.....
I.....S/o.....Sh.....aged.....years.....resid
ent
of.....on.....behalf.....of.....i.e.....M/s
.....hereby undertake that I have submitted bank guarantee
Bearing BG No.....for amount Rs.issued
by
.....bank having branchfor the work
of
.....(reference of tender & work).
I/we undertake that in case of liquidation of BG issuance bank for any
reason, I/we will submit new BG of same amount with in a period of 10 days,
failing which the company may take any appropriate action as deemed fit.

Signature of Contractor (S)
(Authorized Signatory)
With Seal

Place:
Date:



Annexure A : Compliance with the Code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall -

- a) Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- b) Not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- c) Not indulge in any collusion, Bid rigging or anti-competitive behaviour to impair the transparency, fairness and progress of the procurement process;
- d) Not misuse any information shared between the procuring Entity and the tenderers with an intent to gain unfair advantage in the procurement process;
- e) Not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- f) Not obstruct any investigation or audit of a procurement process;
- g) Disclose conflict of interest, if any, and
- h) Disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of Interest :-

The tenderer participating in a bidding process must not have a Conflict of Interest.

A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

- i) A tenderer may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
 - a) Have controlling partners/shareholders in common; or
 - b) Receive or have received any direct or indirect subsidy from any of them; or
 - c) Have the same legal representative for purposes of the bid; or
 - d) Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another tenderer, or influence the decisions of the Procuring Entity regarding the bidding process; or
 - e) The tenderer participates in more than one bid in a bidding process. Participation by a tenderer in more than one bid will result in the disqualification of all bids in which the tenderer is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a tenderer, in more than one bid; or
 - f) The tenderer or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the bid; or
 - g) Tenderer or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/consultant for the contract.



Annexure B : Declaration by the Tenderer regarding qualifications

Declaration by the Tenderer

In relation to my/our Bid submitted tofor procurement ofin response to their Notice Inviting Bids No..... datedI/we hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act 2012, that :

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document;
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date:

Place:

Signature of Tenderer

Name:

Designation:

Address:



Annexure C : Grievance Redressal during Procurement Process

The designation and address of the First Appellate Authority is: Mines Dept, Govt. of Rajasthan

The designation and address of the Second Appellate Authority is: Finance Dept., Govt. of Rajasthan

1) Filing an appeal

If any tenderer or prospective tenderer is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued there under, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be clearly giving the specific ground or grounds on which he feels aggrieved:

Provided that after the declaration of a tenderer as successful the appeal may be filed only by a tenderer who has participated in the procurement proceedings:

Provided further that in case a Procuring Entity evaluates the technical bids before the opening of the financial Bids, an appeal related to the matter of Financial Bids may be filed only by a tenderer whose Technical Bid is found to be acceptable.

- 2) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavour to dispose it of within thirty days from the date of the appeal.
- 3) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2) or if the tenderer or prospective tenderer or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the tenderer or prospective tenderer or the Procuring Entity, as the case may be, may file a second appeal to Second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be .

4) Appeal not to lie in certain cases

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- a) Determination of need of procurement;
- b) Provisions limiting participation of tenderers in the Bid process;
- c) The decision of whether or not to enter into negotiations ;
- d) Cancellation of a procurement process;
- e) Applicability of the provisions of confidentiality.



5) Form of Appeal

- vi) An appeal under para (1) or (3) above shall be in the annexed form alongwith as many copies as there are respondents in the appeal;
- vii) Every appeal shall be accompanied by an order appealed against, if any , affidavit verifying the facts stated in the appeal and proof of payment of fee.
- viii) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorized representative.

6) Fee for filing appeal

- a) Fee for the first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
- b) The fee shall be paid in the form of bank demand draft or bankers' cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

7) Procedure for disposal of appeal

- a) The First Appellate Authority or Second Appellate Authority, as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.
- b) On the date fixed for hearing, the First Appellate Authority or Second Appellate Authority , as the case may be, shall –
 - (x) Hear all the parties to appeal present before him; and
 - (xi) Peruse or inspect documents, relevant records or copies thereof relating to the matter.
- c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- d) The order passed under sub-clause (c) above shall also be placed on the State Public Procurement Portal.



Memorandum of Appeal under the Rajasthan Transparency in Public Procurement Act 2012

Appeal No..... ofBefore the
.....(First /Second Appellate Authority)

1. Particulars of appellant :
 - (i) Name of the appellant :
 - (ii) Official address, if any:
 - (iii) Residential address:
2. Name and address of the respondent(s) :
 - (i)
 - (ii)
 - (iii)
3. Number and date of the order appealed against and name and designation of the officer/authority who passed the order (enclose copy), or a statement of a decision, action or omission of the Procuring Entity in contravention to the provisions of the Act by which the appellant is aggrieved:
4. If the Appellant proposes to be represented by a representative, the name and postal address of the representative :
5. Number of affidavits and documents enclosed with the appeal :
6. Ground _____ of _____ appeal
:.....
:.....
:.....
:.....(Supported by an affidavit)
7. Prayer:.....
:.....
:.....
:.....

Place :

Date:

Appellant's signature :



Annexure D : Additional Conditions of Contract

1. Correction of arithmetical errors

Provided that a Financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- i)** if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- ii)** If there is an error in a total corresponding to the addition or subtraction of sub totals, the subtotals shall prevail and the total shall be corrected; and
- iii)** If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.

If the tenderer that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

2. Procuring Entity's Right to Vary Quantities

- (i)** At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit price or other terms and conditions of the bid and the conditions of contract.
- (ii)** If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity in the Bidding Document due to change in circumstances, the tenderer shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract.
- (iii)** In case of procurement of goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 50% of the value of goods of the original contract and shall be within one month from the date of expiry of last supply. If the supplier fails to do so, Procuring Entity shall be free to arrange for the balance supply by limited bidding or otherwise and the extra cost incurred shall be recovered from the supplier.



3. Dividing quantities among more than one tenderer at the time of award (In case of procurement of goods)

As a general rule all the quantities of the subject matter of procurement shall be procured from the tenderer, whose bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the tenderer, whose bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, in such cases, the quantity may be divided between the tenderer, whose bid is accepted and the second lowest tenderer or even more tenderers in that order, in a fair, transparent and equitable manner at the rates of the tenderer, whose bid is accepted.

