



रेल विकास निगम लिमिटेड
Rail Vikas Nigam Limited

Volume-I

Bid Document

For

**Centralized Procurement of Insulators (Supply Only) Contract: 2x25 KV Electrification
Upgrades– RVNL Secunderabad, Raipur, & Kolkata.**

RAIL VIKAS NIGAM LIMITED

**3rd Floor, Lekha Bhavan (Right wing),
South Central Railway,
Opp. Secunderabad East Metro Station,
Secunderabad, Telangana – 500 025
Tel: +91-40-27712212
Email: gmrvnlelesc@gmail.com**



RAIL VIKAS NIGAM LIMITED

(A Government of India Enterprise)

INVITATION FOR BIDS

(Through e-tendering mode)

IFB No.: RVNL/E/SC-RNC-KOL/BD/Procurement of Insulators/2026 **Date-**11.05.2026

1. RAIL VIKAS NIGAM LIMITED (RVNL), having its corporate office at World Trade Center, Tower A, 6 to 9th Floor, Nauroji Nagar, New Delhi- 110029, India which is a Public Sector Enterprise set up as a wholly owned Government Company under the provisions of Section 617 of Companies Act., invites bids under Single Stage Single Packet System for:

Centralized Procurement of Insulators (Supply Only) Contract: 2x25 KV Electrification Upgrades– RVNL Secunderabad, Raipur, & Kolkata.

2. Nature of tender: **Open Tender.**

S. No.	Package	Delivery Schedule
1	Insulators (Supply Only) Contract: 2x25 KV Electrification Upgrades	06(Six) months for complete order. First order should come in 45 days. <Part/Lt delivery schedule shall be decided later>

1. **Bidding documents:** The bid Document shall be sent to the prospective/ approved bidders at NIL Cost.
2. **Bid Security:** The bid must be accompanied by a ***Bid Security of Amount Rs. 1 Lakh*** in the form of Demand Draft / Banker's Certified Cheque issued in favour of "RAIL VIKAS NIGAM LIMITED" valid up to minimum 42 days beyond the Validity of Bids to be submitted in original or through NEFT / RTGS in RVNL's Account as mentioned below (in case of NEFT/RTGS, the self-certified details of transaction should be provided with the bid as per Form BS).

Account Name : RAIL VIKAS NIGAM LIMITED
Account No : 000705058088
IFSC Code : ICIC0000007
Bank : ICICI Bank Ltd, 9A, Phelps Building,
 Connaught Place. New Delhi -110001.

In case of submission of BID security in the form of BG, the issuing Bank/Branch May send confirmation of the same through SFMS to RVNL/SC Bank viz., ICICI Bank, Raipur Branch and to Email ID :dgmfsc@gmail.com.

Bidder has to select the payment option as "Online mode or Bank Guarantee/e-Bank Guarantee" to pay the EMD as applicable and enter details of the instrument. In case of Bank Guarantee/e-Bank Guarantee scanned copy of the document should be uploaded along with bid. The original document should be delivered in person to the official nominated as indicated in the Bid Data Sheet within 5 working days of deadline of submission of bids. Non-submission of scanned copy of Bank Guarantee with the bid on e-tendering portal and/or non-submission of original Bank Guarantee/e-Bank Guarantee within the specified period shall lead to summary rejection of bid. The details of the BG physically submitted, should match with the details available in the scanned copy and the data entered during bid submission time, failing which the bid will be rejected.

3. **Special Provisions for Micro and Small Enterprises (MSEs):** MSEs registered with District Industries Centres/ Khadi and Village Industries Commission/ Khadi and Village Industries Board/Coir Board/ National Small Industries Corporation/ Directorate of Handicraft and Handloom/ 'Udyog Adhaar' – The Online Portal of MSME/ Any other body specified by Ministry of MSME are **exempted** from the payment of **BID Security** for this tender.

Supporting document(s) indicating the terminal validity date of registration which should be a date after the deadline for submission of proposals. Failing, which, their proposals shall not be liable for consideration of benefits detailed above.

4. **Validity of Bid:** The bid must be valid up to **45 days** from the date of opening of bids.
5. **Hurdle Criteria:** The bidder must, before submission of their bid, shall ensure that they meet minimum requirements of "Hurdle Criteria" defined in this Bid Document. The bid must be accompanied by necessary data, attachment(s) and requisite form(s), guarantee(s), as demanded along with bid.
6. **Pre-Bid Conference:** Not Applicable.

7. REGISTRATION

To participate in E-Tender, it is mandatory for Tenderers to get themselves registered with the IREPS (www.ireps.gov.in) and have User ID and Password.

It is mandatory for all Tenderers to have Class-III Digital Signature Certified from any of the Licensed Certifying Agencies ('CA') to participate in E-Tendering of RVNL. (Tenderer can see the list of Licensed CAs from the link www.cca.gov.in in the name of the person who will submit the online tender and is authorized to do so.

www.ireps.gov.in is the only website for submission of tender 'Vendor Manual' containing the detailed guidelines for E-Tendering is available on www.ireps.gov.in

8. PRECAUTIONS FOR SUBMITTING / PREPARATION OF BIDS THROUGH E-TENDERING

Tender shall be submitted through Online mode only at www.ireps.gov.in Tender submitted by any other mode will not be accepted. All the requirement documents (legible) as mentioned in the bid document have to be uploaded along with the offer on www.ireps.gov.in

The detailed instructions of e-tendering can be read through website www.ireps.gov.in. The Addendum/Corrigendum, if any, shall be hosted on the website www.ireps.gov.in

The tender shall be accepted only in e-tendering mode and **no other mode** of submission shall be accepted. The supporting documents for eligibility Criteria are essentially required to be uploaded on the website www.ireps.gov.in along with Technical Bid. The **bid** shall be accepted through **online mode only**.

Tenderers are required to give the Un-Conditional Offers. A Conditional Offer is liable to be rejected. RVNL reserves the rights to modify, expand, restrict, scrap, reject and re-float tender without assigning any reasons whatsoever.

For any help, please refer ""Learning center under E-Tender: Works , 1. "Instructions to Contractors"" containing the detailed guidelines for E-Tendering available on www.ireps.gov.in and on Helpdesk of IREPS: 011-23761525

9. **Date of Receipt and opening of Bids:** The completed Bids must be submitted through e tendering www.ireps.gov.in not later than date & time as tabulated below:

S N	Event Description	Date
1.	Deadline for Bid Submission Date	22.06.2026 till 11:00 Hrs
2.	Opening of Bid	22.06.2026 at 11:30 Hrs

10. **Address for Communication:** Interested eligible Bidders may obtain further information from the following address:

Group General Manager (Electrical)

Rail Vikas Nigam Limited,
3rd Floor, Lekha Bhavan (Right wing),
South Central Railway,
Opp. Secunderabad East Metro Station,
Secunderabad, Telangana – 500 025
Tel: +91-40-27712212

Email: gmrvnlelecsc@gmail.com

For any help, please refer ""Learning centre under E-Tender: Works, 1. "Instructions to Contractors"" containing the detailed guidelines for E-Tendering available on www.ireps.gov.in and on Helpdesk of IREPS: 011-23761525.

11. **The currency that shall be used for Bid Evaluation and comparison purposes is: Indian Rupees (INR).**
12. Bidder may take note that, the pages of prospective bid should be invariably sealed & signed on each page by the Authorized Signatory of Bidder.

EVALUATION AND COMPARISON OF BIDS

1. General

- 1.1. The evaluation of valid proposals received shall be carried out by the Tender Committee (TC) on the basis of responsiveness to the criteria specified below.

2. Hurdle:

- 2.1. The proposals received by RVNL in response to NIT shall be examined in three Stages as under

Clause	Particulars	Criteria	Remarks
A.	Responsiveness	Hurdle	Submission of Bid Security.
B.	Submission of Forms	Hurdle	Proper submission of Forms as defined in the Clause B.
C.	Average Annual Turnover	Hurdle	To be evaluated as per Clause C.
D.	Financial Evaluation	Price Schedule	Evaluation of Price Schedule on Reasonableness criteria.

3. Evaluation & Comparison

- a) Information relating to the examination, evaluation, comparison, and post-qualification of Bids, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until information on Contract award is communicated to all Bidders.
- b) Any attempt by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the Bids or Contract award decisions may result in the rejection of its Bid.
- c) Notwithstanding, from the time of opening the bids to the time of Contract award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.
- d) To assist in the examination, evaluation, comparison and post-qualification of the Bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the evaluation of the Price Proposals.

- e) If a Bidder does not provide clarifications of its bid by the date and time set in the Employer's request for clarification, its bid may be rejected.
- f) The Purchaser's determination of the responsiveness of a *Bid* is to be based on the contents of the *Bid* itself.
- g) A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that
 - i. affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
 - ii. limits in any substantial way, inconsistent with the Bidding Document, the Purchaser's rights or the Bidder's obligations under the Contract; or
 - iii. if rectified would unfairly affect the competitive position of other Bidders presenting substantially responsive Technical Proposals.
- h) If a *Bid* is not substantially responsive to the Bidding Document, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.
- i) Provided that a *Bid* is substantially responsive, the Purchaser may waive any non-conformity or omission in the Bid that does not constitute a material deviation
- j) Provided that a *Bid* is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial, nonconformities or omissions in the *Bid* related to documentation requirements. Such omission shall not be related to any aspect of the Price Proposal of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
- k) If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited.
- l) The *bid will not be accepted* once the deadline for the tender submission has lapsed.
- m) The bidder shall submit *the bids through Online mode only at www.ireps.gov.in* only.
- n) The Purchaser reserves the right to accept or reject any Bid, and to annul bidding process and reject all bids at any time prior to contract award without incurring any liability to the bidders.

4. Parallel Contract Clause

4.1 If at any time during bidding process but prior to award of the contract, the Purchaser ascertains that the requirement of the materials has become critical and delivery is urgently required, then the Purchaser reserves the right to have more than one source of supply.

4.2 The contract quantity determined for award to L1 bidder will be split in two parts in the ratio of 70:30 and 70% of the contract quantity will be awarded to L1 bidder.

4.3 For the remaining 30% of the contract quantity, the rate of L1 bidder will counter offered to the next lowest eligible bidder for award. In case of non-acceptance of the by the next lowest eligible bidder, a similar counteroffer shall be made to next lower eligible bidder, and so on.

4.4 In case, none of the bidders other than the L1 bidder accepts the counteroffer, 100% of the Contract quantity determined for award to L1 bidder, will be awarded to L1 bidder.

5. "HURDLE" Qualification Criteria:

5.1 Submission of Bid Security:

Bid not accompanied by a valid and compliant Bid Security will be summarily rejected.

5.2 Submission of Forms:

Proper submission of Bid Forms i.e.,

1. Proposal Submission Sheet (Form No.: 1),
2. Affidavit (PS-1),
3. Price Schedule (PS),
4. Average Annual Turnover (FIN -1) duly certified by CA/Auditor, and
5. Materials supplied in last 3 years (FIN-2) duly certified by CA/Auditor.
6. FORM (POA)
7. ELI-1(Bidder's information sheet)

5.3 Average Annual Turnover:

The Manufacturer/Supplier must have Average Annual Turnover of Minimum 0.35V Cores (where V is the value of item of Supply) in the last three years for which they have to submit details in the format FIN-1 along with attachments if required.

5.4 Supply credential:

The manufacturer must have supplied average 0.35 Q MT (where Q is total qty of Insulators taken together) in last three years for which they have to submit details in format FIN-2 along with attachments if required.

The vendor shall be RDSO approved vendor.

Form: BS

(to be produced on the letter head of the Bidder duly signed by Authorized Signatory)

RTGS/NEFT INFORMATION

I/We hereby certify that; I/We has/have deposited an amount of Rs. _____/- (Rupees _____ only) equal to required *Bid Security*, into RVNL's Account No. 016105007818 IFSC Code ICIC0000161 vide *NEFT/RTGS* bearing *Unique Transaction No. /Reference No.* _____ dated _____.

I/We understand that, if the amount has been credited into RVNL's above account as on the *date of Opening of Bid*, our bid will be considered as submission without *Bid Security* and the same shall be summarily rejected.

Name _____

In the capacity of _____

Signed _____

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

Date _____

Form ELI - 1

Bidder's Information Sheet

Bidder's Information	
Bidder's legal name	
Bidder's country of constitution	
Bidder's year of constitution	
Bidder's legal address in country of constitution	
Bidder's authorized representative (Name, address, telephone numbers, fax numbers, e-mail address)	
Attached are copies of the following original documents. <input type="checkbox"/> Self-Certified GSTIN, PAN, Certificate of Registration of Establishment / Certificate of Incorporation. <input type="checkbox"/> Power of Attorney (issued in the name of Authorized Signatory) in the attached Format,	

Name _____

In the capacity of: _____

Signed _____

Duly authorized to sign the Authorization for and on behalf of _____

Date _____

FORM: PoA

FORMAT FOR POWER OF ATTORNEY FOR AUTHORISED SIGNATORY OF BIDDER

POWER OF ATTORNEY*

(To be executed on non-judicial stamp paper of the appropriate value in accordance with relevant stamp Act. The stamp paper to be in the name of the company who is issuing the power of Attorney)

Know all men by these presents, we do hereby constitute, appoint and authorize Mr/Ms. who is presently employed with us and holding the position of as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our bid for the work of ...Including signing and submission of all documents and providing information/responses to Rail Vikas Nigam Limited, representing us in all matters, dealing with Rail Vikas Nigam Limited in all matters in connection with our bid for the said project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

Dated this the day of 20.....

(Signature of authorized Signatory)

.....
(Signature and Name in Block letters of Signatory)

Seal of Company

Witness

Witness 1:

Name:

Address:

Occupation:

Witness 2:

Name:

Address:

Occupation:

***Notes:**

- i) To be executed by Bidder, where the competence of the authorized signatory is not supported by a Board Resolution or General Power of Attorney for such acts. (Copy of Board Resolution/GPA to be attached)
- ii) The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.

Form No:1

Proposal Submission Sheet

Date: _____

Invitation for Bid No.: _____

To: _____

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Document, including Addenda No.: _____
- (b) We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule specified: _____
- (c) Our Bid shall be valid for a period of ____ days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (d) If our Bid is accepted, we commit to obtain a Performance Security in the amount of ____percent of the Contract Price for the due performance of the Contract;
- (e) Our firm has not been declared ineligible by RVNL & S.C.Railway under Indian laws or official regulations or by an act of compliance; In addition:
 - i. Our firm has not suffered bankruptcy/insolvency or is in the process of winding-up or there is a case of insolvency pending before any court on the deadline of submission of bid.
 - ii. We do not have any ongoing case of insolvency before the NCLT/any Court where Interim Resolution Professional (IRP) has been appointed or is at any later stage of the insolvency process on the date of submission of bids.
- (f) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.
- (g) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (h) We agree to permit RVNL or its representative to inspect our premises / works, accounts, records and other documents relating to the bid submission and after award of work, and to have them audited by auditors / inspecting agencies.
- (i) We have not made any tampering or changes in the bidding documents on which the bid is being submitted and if any tampering or changes are detected at any stage, we understand the

bid will invite summary rejection and forfeiture of bid security/the contract will be liable to be terminated along with forfeiture of performance security, even if LOA has been issued.

- (j) We understand that we may be disqualified for any breach of representation or declaration herein.
- (k) We declare that we are not liable to be disqualified, and we are enclosing the affidavit for the same as per the Performa given in the bid document.
- (l) We are aware about the requirement of Mandatory on-boarding of MSME Vendors of CPSE's on TReDS portal as per the directives of Department of Public Enterprises through office memorandum no. DPE-7(4)/2007-Fin Dated 4th May 2020. We declare that we will / we are already **[select correct option]** on-board with TreDS portal of M/s Invoicemart, A.TreDS Ltd., A3, 11th floor, Ashar IT Park, Thane (W), Mumbai-400604 TReDS Portal. Customer care no. 022-62357373; email id- customer.care@invoicemart.com; Anoop Mishra Mobile no.- 9667554766; email id- anoop5.mishra@invoicemart.com.

OR

We are not MSME.

[Select correct option]

- (m) We confirm that we are an approved vendor for the Supply of Copper conductors by RDSO and we have not been blacklisted/banned for supply of these items by any Railways/RVNL.
- (n) We also confirm that we have sufficient production capacity available to meet the requirement of this contract within 06 months in addition to our existing commitments.
- (o) We understand that in case of any misinformation/ misrepresentation in above paras, RVNL will be free to disqualify in the pre-contract stage and terminate the contract forfeit performance security post-contract award.

Name _____

In the capacity of _____

Signed _____

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

Date _____

*** Use one of the two options as appropriate.**

Form: PS – 1

FORMAT FOR AFFIDAVIT TO BE SUBMITTED BY BIDDER ALONGWITH THE BID

*(To be executed before the Competent Authority / Public Notary on non-judicial stamp paper of the appropriate Value in accordance with relevant stamp Act. The stamp paper has to be in the name of the bidder) ***

I **(Name and designation)** **..... appointed as the attorney/authorized signatory of the bidder (including its constituents), M/s..... (hereinafter called the bidder) for the purpose of the Bid for the work of..... as per the Bid No..... of RVNL, do hereby solemnly affirm and state on behalf of the bidder including its constituents as under:

1. That the bidder or any of its constituents has not been Blacklisted/Banned for business dealings by RVNL/ S.C.Railway at any time and/or no such blacklisting is in force as on the deadline for submission of bids.
2. That none of the previous contracts of the bidder or any of its constituents had been terminated/rescinded for Contractor's failure or part terminated for its failure with forfeiture of its full Performance Security, by S.C.Railway / Rail Vikas Nigam Ltd. during the period of last 2 years before the deadline for submission of bids.
3. That the Bidder is neither Bankrupt/Insolvent nor is in the process of winding-up nor such a case is pending before any Court on the deadline of submission of the bid.
4. We declare and certify that we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5. We declare that the information and documents submitted along with the tender by us are correct and we are fully responsible for the correctness of the information and documents, submitted by us.
6. We understand that in case we cease to fulfil the requirements of qualifying and eligibility criteria at any time after opening of bids and till finalization of bids, it will be our bounden duty to inform the Employer of our changed status immediately and in case of our failure to do so, our bid shall be rejected and bid security shall be forfeited. In case such failure comes to the notice of Employer at any time after award of the contract, it will lead to termination of the contract and forfeiture of Bid or Performance Security. We shall also be liable for Banning of Business dealings up to a period of five years.
7. We understand that if the contents of the affidavit are found to be false at any stage during bid evaluation, it will lead to rejection of our bid and forfeiture of the bid security. Further, we **[insert name of the bidder)** **____ and all our constituents understand that we shall be liable for banning of business dealings up to a period of five years.

8. We also understand that if the contents of the affidavit are found to be false at any time after the award of the contract it will lead to termination of the contract, forfeiture of Bid or Performance Security and Banning of Business dealings of the Bidder and all its constituents for a period of up to five years.

SEAL AND SIGNATURE OF THE BIDDER

Verification:

Verified on ____ day of ____ at _____ that the contents of the above-mentioned affidavit are true and correct and nothing material has been concealed there from.

SEAL AND SIGNATURE OF THE BIDDER

** The contents in Italics are only for guidance purpose and details as appropriate, are to be filled in suitably by Bidder.

Attestation before Magistrate/Public Notary

Witness 1:

Name:

Address:

Occupation:

Witness 2:

Name:

Address:

Occupation:

Form FIN – 1

Average Annual Turnover

Average Annual Turnover Data for the Last 3 Years	
Year	Amount Currency
Average Annual Turnover	

SEAL AND SIGNATURE OF THE BIDDER

Certified that all figures and facts submitted in this form have been furnished after full consideration of all observations/notes in Auditor's reports

(Signature of CA/Auditor)
Name of CA/Auditor: _____

Registration No : _____

(Seal)

Form FIN – 2**Materials supplied in last 3 F.Y.**

Year	Insulators(Each)	Total (Each)
Total		

SEAL AND SIGNATURE OF THE BIDDER

Certified that all figures and facts submitted in this form have been furnished after full consideration of all observations/notes in Auditor's reports.

(Signature of CA/Auditor)

Name of CA/Auditor: _____

Registration No : _____

(Seal)

Form - PS

PRICE SCHEDULE**TO BE OFFERED FROM WITHIN THE PURCHASER'S COUNTRY****Name of Bidder**

S N	Description	UOM	Rate	PIU wise QTY			Quantities	Amount (Rs.)
	Supply of Stay & Bracket Insulators			KOL	RNC	SC		
1	Stay Arm Porcelain (CD-1050 mm)	Each	3,030.00	-	-	9,240.00	9,240.00	2,79,97,200.00
2	Bracket Porcelain (CD-1050 mm)	Each	3,030.00	-	-	9,240.00	9,240.00	2,79,97,200.00
	Supply of 9-Tonne Insulators						-	-
3	Porcelain (CD-1050 mm)	Each	4,016.00	7,446.00	-	3,217.00	10,663.00	4,28,22,608.00
	TOTAL (in Rs)							9,88,17,008.00
	TOTAL in Cr.							9.88

Note:

1. Quoted Unit Price shall include Freight charges, Insurance Charges, Tolls, damages during transport etc. **including GST.**
2. Billing is to be done State-wise as per the RVNL's GSTIN.
3. Exact places of delivery shall be communicated during the procurement process. Details regarding quantities, specifications, and requirements will be informed during the procurement process.
4. The quoted price shall be (Item-1 & 2) including unloading at the site.
5. Manufacture to ensure follow of RDSO and Electrical standards to with stand 2X25kV Railway electrification works and Latest specifications.
6. Price variation not applicable.
7. For details pertaining to Supply Specification, Schedule, Guarantee/Warranty/Defect Liability and Testing requirements, please refer to ANNEX- II.
8. Inspection of the materials before supply shall be done by RITES and the cost of Inspection will be born by RVNL.

Name_____

In the capacity of _____

Signed _____

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

Date_____

Note: The bidder should quote their rates both in figures & in words. However, in case of any discrepancy, the rates quoted in words shall prevail.

SCOPE, TERMS & CONDITIONS

<To be appended as part of the PURCHASE ORDER / CONTRACT with any other stipulated document>

1. PRICE BASIS:

The price is firm on F.O.R Destination basis to the supply at Store of RVNL in Bikkavolu&Elamanchi and Nellore,Peddapalli,Odella section of S.C. Railway. These prices include Freight, Incidental Charges, Loading &Unloading, Tolls Insurances, etc. in account of SUPPLIER.

2. DELIVERY TERMS:

- 2.1. The "SUPPLIER" (*<Name of the Manufacturer/Firm>*) will deliver "THE SUPPLY" on the dates and according to the Delivery Plan to be advised by the Engineers of Rail Vikas Nigam Limited. The dispatch of complete material of each lot shall be made within 30-45 day of the manufacturing clearance.

There will be a maximum of 05 Lots for supply of entire material.

- 2.2. Transit insurance &Transportation of Material from Supplier's Dispatch Centres to Purchasers Warehouse/Site will be in Supplier's scope. Purchaser will be sole beneficiary in transit insurance policy. Amount of insurance value shall be that of current invoice value.
- 2.3. The Supplier, if so desired, will depute his representative to visually check and count the unloading of "THE SUPPLY" at the time of delivery / unloading at Purchaser's premises to check for any discrepancy in quantity of material dispatched and received. In case no representative from the Supplier is present, Purchaser's representative will sign the Delivery Note confirming having received THE SUPPLIED Quantity & inform the Supplier of any discrepancy immediately after counting & visual verification. The Supplier will replace or supply the damaged or missing parts of "THE SUPPLY" within 7 days from the date Purchaser's representative communicates those anomalies. The Supplier will check the damages within 7 days after receiving the communication from the Purchaser.
- 2.4. Any changes in the delivery schedule/ plan would be communicated to Supplier in writing in advance.
- 2.5. 'Inspected Lot' of material shall be reached at advised site within 10 days after dispatch clearance.

3. PAYMENT TERMS:

- 3.1. **Advance:** Payment Not Applicable of the Base Order Value (without GST) on the basis of CORPORATE GUARANTEE (Form-CG), un-dated A/C PAYEE cheque in favour of "RAIL VIKAS NIGAM LIMITED" equivalent to advance payment along with Form — AFFIDAVIT -2, would be made after manufacturing clearance.

Un-dated Cheque & Affidavit - 2 will be released after completion of total supply.

- 3.2. **On Delivery:** Payment of 95% Balance of the Supplied material will be released after receipt of materials at F.O.R. Destination through RTGS/NEFT or suitable payment mode.

The following documents shall be submitted along with dispatch documents

- a) Original and Two Copies of the Supplier's invoice along with copy of e-Way Bill showing Contract Agreement reference, goods description, quantity, unit price, total amount;
 - b) Original and 02 copies of Lorry Receipt.
 - c) Copies of packing list identifying contents of each package / lot (02 copies);
 - d) Manufacturer's Guarantee / Warranty Certificate as per Clause 12;
 - e) Material Inspection Report issued by RVNL/EMPLOYER OF RVNL/THIRD PARTY INSPECTION AGENCY (TPIA)/Authorized representative of Railway.
 - f) Operation & Maintenance (O&M) Manuals approved Drawings, Data Sheets, Test Reports, Pamphlets and Manual of Spare, Maintenance & Testing Equipment's.
- 3.3. **On Acceptance:** Balance payment of 5% will be released after upon satisfactory acceptance of materials by S.C.Railway.
- 3.4. Original Guarantee / Warrantee obligations of material as per S.C.Railway requirements of 30 months, whichever is later.
- 3.5. Facility of discounting of bill for MSMEs shall be as per RVNL Policy No. RVNLCO/FnA/CORR(ZR)/1/2021/Finance 6/CO/12310 dated 20.02.2023 (Copy Enclosed).

4. BILLING DETAILS:

**Rail Vikas Nigam Limited,
3rd Floor, Lekha Bhavan (Right wing),
South Central Railway,
Opp. Secunderabad East Metro Station,
Secunderabad, Telangana – 500 025
GSTIN: 36AACCR5652A1ZO**

5. **DELIVERY ADDRESS:** The details of Contact Person and Delivery Address shall be communicated at the time of dispatch.

Delivery: Exact places of delivery shall be communicated during the procurement process. Details regarding quantities, specifications, and requirements will be informed during the procurement process.

6. SCOPE OF THE WORK:

Technical Specification No for item

Supply of Insulators, for RVNL PIU (SC, RNC, KOL) as per RDSO latest specifications with respect to 2x25 KV OHE railway Electrification.

7. **PRICE VARIATION:** No price variation is applicable

8. QUANTITY VARIATION:

Quantity in the PURCHASE ORDER is indicative. This may vary up to **+/- 50%** with the same, rate(s), terms & conditions.

9. GUARANTEE / WARRANTY PERIOD:

Items supplied shall have warranty of 30 months or as specified in RDSO specification whichever is later for manufacturing defects.

10. PERFORMANCE GUARANTEE:

The Manufacturer / Supplier is to submit a Performance Guarantee in favour of '**RAIL VIKAS NIGAM LIMITED**' of **1% (One Percent) subject to Maximum of Rs. 50 Lakhs** in the form of either Demand Draft / Banker's Certified Cheque or through NEFT / RTGS in RVNL's Account as mentioned below (*in case of NEFT/RTGS, the self-certified details of transaction should be provided as per Form-- PG*). The PG shall be released within 28 days after successful completion of liabilities of the P.O.

Account Name	:	RAIL VIKAS NIGAM LIMITED
Account No	:	000705058088
IFSC Code	:	ICIC0000007
Bank	:	ICICI Bank Ltd, 9A, Phelps Building, Connaught Place, New Delhi -110001.

11. GUARANTEE / WARRANTY CERTIFICATE:

Supplier would furnish Unconditional Guarantee / Warranty Certificate valid as per the Guarantee Warranty required by S.C.Railway as per their bid document, in the favor of S.C.Railway for strict adherence to guarantee/warranty obligations of concerned S.C.Railway.

12. PENALTY FOR DELAYS:

The time & date for delivery of the material shall be deemed to be the essence of the contract. In case of delay in execution of the order (**i.e., delayed supplies in accordance to the conditions enumerated below read with the delivery clause**), the Purchaser, at its discretion, shall recover from the Supplier as penalty, a sum equal to **1/2%** of the **price** of quantity not delivered to stores, for every week of delay. For the purpose of this clause, part of a week shall be considered as full week. However, maximum penalty under this clause shall be restricted to 10% of the value. This will be without prejudice to other remedies available to the Purchaser as per the laws of India, or terms of this Tender.

For this purpose, the 'Date of Offer' shall be considered as date of delivery subject to the condition that offer has been received 15 days in advance of terminal date of scheduled delivery and material is delivered at stores within 21 days of its clearance (excluding the Date of Clearance / Dispatch Instruction). The 'Date of Offer' shall mean the date of receipt of written intimation about ready material in the office of 'Order Placing Authority' for pre-delivery inspection. If a later date for readiness of the material is offered in the intimation letter, such later date shall be treated as the date of offer. Only written offer received at the O/O Order Placing Authority shall be considered for this purpose. For early inspection, copy of the offer letter may be sent through fax or e-mail, followed by telephonic intimation / SMS to concerned procurement officer. The

Purchaser will not be responsible for delay in inspection, if the inspection offer is not received timely. Accordingly, applicability of penalty shall be as follows: -

- i. **In case of actual delivery of a lot quantity within its scheduled terminal date: -**
Penalty shall be applicable for delay period, if any, from the date ending at the 21st day of the date of the DI/Clearance to the actual date of delivery.
- ii. **In case of actual delivery of a lot quantity beyond its scheduled terminal date but within 21 days of the date of DI: -** Penalty shall be applicable from the terminal date of the scheduled delivery of the lot to the date of actual delivery, if date of the offer is not 15 days in advance of the terminal date of the scheduled delivery of the lot.
- iii. **In case of actual delivery of a lot quantity beyond its scheduled terminal date as well beyond 21 days of the date of DI: -** Penalty shall be applicable from the terminal date of the scheduled delivery of the lot to the date of actual delivery.

Note: : DI-Means issue of inspection certificate by the inspection agency. This will also be treated as clearance to dispatch.

Terminal date of delivery - 75 days from issue of lot order from supply.

13. PENALTY FOR BREACH OF CONTRACT:

Breach of any Terms & Conditions which are included in the any section of the tender documents, or various schedules, annexure, enclosures, appendix etc. which are referred in these sections shall be deemed as breach of this Contract. In case of breach of this contract by the bidder / vendor, the Purchaser shall be entitled to forfeit the available Performance Guarantee and to realize & retain the same as damages and compensation for the said breach. This will be without prejudice to the right of the Purchaser to recover any further sums as damages, from any sums which are due or which may become due to the Seller by the Purchaser or otherwise howsoever.

14. GOVERNING LAWS & DISPUTE RESOLUTION:

Any disputes between the Parties arising out of this Contract or otherwise, shall be resolved through a process of arbitration under the provisions of the Arbitration Procedure set out or on a procedure made by RVNL or re-enactment thereof. In the event of any dispute, controversy or claim arising out of, relating to or in connection with this Contract (a "Dispute"), any Party may serve formal written notice on the other Party that a Dispute has arisen ("Dispute Notice").

Amicable Settlement: The Parties shall use all reasonable efforts for a period of 14 (fourteen) days from the date on which the Dispute Notice is served by one Party on the other Party (or such longer period as may be agreed in writing between the Parties) to resolve the Dispute on an amicable basis.

If the Parties are unable to resolve the Dispute by amicable negotiation within the time period referred above or mutually agreed, the Dispute shall be immediately referred to arbitration. The place of arbitration shall be as per the extent policies of PURCHASER and the language of proceedings shall be English.

This Contract shall be subject to and construed in accordance with the Laws of India. The Courts of Hyderabad / New Delhi as the case may be (from where the PO / CONTRACT is issued) shall have

exclusive jurisdiction under the contract.

15. INSPECTION:

Tests and Inspections will be carried out by RITES/TPI and the Supplier is fully responsible to make arrangements for testing & inspection. Inspection charges of RITES/TPI shall be borne by RVNL.

The Manufacturer will inform RVNL at least 14 days prior to readiness for inspection for the generation of an inspection call to RITES/TPI.

ANNEX. III-DS

The delivery Schedule will be communicated after manufacturing clearance is obtained.

Note:

The "SUPPLIER" (_____) will deliver "THE SUPPLY" on the dates and according to the Delivery Plan to be advised by the Engineers of Rail Vikas Nigam Limited. The dispatch of complete material of each lot shall be made within 60 days of issue of lot size and drum schedule. There will be a maximum of 5 lots for supply of entire materia

Form: PG

(to be produced on the letter head of the Bidder duly signed by Authorized Signatory)

RTGS/NEFT INFORMATION

I/We hereby certify that; I/We has/have deposited an amount of Rs. _____/-
(Rupees _____ only) equal to
required *Performance Guarantee*, into RVNL's Account No. 016105007818 IFSC Code ICIC0000161
vide *NEFF / RTGS* bearing Unique Transaction No. /Reference No. _____
dated _____.

I/We understand that, if the amount has not been credited into RVNL's above account on the due
date for submission of the Performance Guarantee, the Notification of Award issued to us shall be
annulled and the Bid Security submitted shall be forfeited.

Name _____

In the capacity of _____

Signed _____

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

Date _____

FORM AFFIDAVIT-2

(To be executed before the Competent Authority / Public Notary on non-judicial stamp paper of appropriate value as applicable under law)

I,..... an authorized signatory / appointed representative of M/s.....hereby
Declare that:

1. A Purchase Order No. dated has been issued by Rail Vikas Nigam Limited for a total amount of Rs for the supply of goods/services.
2. In accordance with the payment terms stipulated in the above-mentioned work, an advance payment of Rs. (Rupees) will be provided by Rail Vikas Nigam Limited to M/s
... ..In return, our firm has submitted an undated Cheque amounting to Rs, bearing Cheque number drawn on..... (Bank Name), Account No.
... .., in favor of "RAIL VIKAS NIGAM LIMITED" along with this affidavit.
3. I declare that the amount equivalent to the said Cheque shall be maintained in my bank account until Rail Vikas Nigam Limited returns the Cheque, ensuring that the bank does not dishonor it.
4. I further declare that no stop payment advice shall be given to the bank regarding the said Cheque.
5. In the event of failure to fulfil the contract conditions, Rail Vikas Nigam Limited shall have the right to encase the said Cheque.
6. If the Cheque is dishonored by the bank, legal and statutory action shall be taken against our firm.

(Signature of the Deponent)

Verification

I, the above-named deponent, do hereby verify that the contents of paragraphs 1 to 6 of this affidavit are true and correct to the best of my personal knowledge and belief. Verification done today dated at (Place).

Signature of Public Notary

Form - AFFIDAVIT – 2

(to be executed before the Competent Authority / Public Notary in the non-judicial stamp paper of appropriate value as applicable under Law)

शपथ पत्र

म. मेसर्स' का अधिकृत हस्ताक्षरकर्ता / नियुक्त प्रतिनिधि यह घोषणा करता 5०० रु. के:

- मुझे रेल विकास निगम द्वारा आपूर्ति आदेश (पच्चीस ऑर्डर) दिनांक-..... द्वारा दाय करने हेतु कुल राशि रु. के लिए जारी किया गया है।
- इस हेतु उपरोक्त कार्य मैं निम्नलिखित भुगतान शर्तों के अनुसार राशि रु. (रुपये.....) अर्थात् भुगतान रेल विकास निगम लिमिटेड द्वारा मेसर्स' को दिया जाएगा, उसके एवज में हमारे फर्म द्वारा राशि रु. का अर्द्ध दिनांकित (अनडेडेड) बैंक संचयन अर्द्ध रत ब. कका नाम खाता संचयन , "RAIL VIKAS NIGAM LIMITED" के निम्नलिखित शपथ-पत्र के साथ दिया गया।
- म. घोषणा करता 5०० रु. के उपयुक्त बैंक की राशि मेरे ब. कखाते में रेल विकास निगम लिमिटेड द्वारा उपरोक्त बैंक लौटाने तक उपलब्ध रहेगी, जिससे ब. कका बैंक अवीकृत नहो हो।
- म. यह भी घोषणा करता 5०० रु. के मेरे द्वारा उपरोक्त बैंक के संबंध में 3 टॉप फेम्प्ट एडवाइस ब. कको नहो दी जायेगी।
- यदि मेरे द्वारा अनुबंध में निम्नलिखित शर्तों के अनुसार प. कार्य का निष्पत्ति नहो हुआ तो रेल विकास निगम लिमिटेड द्वारा यह बैंक भुना लिया जायेगा।
- यदि बैंक ब. कका अवीकृत होगा तो हमारे फर्म पर कानूनी एवं वैधानिक कार्यवाही की जायेगी।

(हस्ताक्षर शपथ लिखता)

स:यापन

मैं उपरोक्त शपथ लिखता स:यापित करता 5०० रु. शपथ पत्र के चरण मांक 1 से 6 में दी गई जानकारी मेरे उद्योग के निजी दान के अनुसार सही व स:य है। स:यापन आज दिनांक को (स्थान) में किया गया।

RAIL VIKAS NIGAM LIMITED

Corporate office
Finance and Accounts Department

File no. RVNLCO/FnA/CORR(ZR)/1/2021/Finance 6/CO/12310 Dated 20.02.2023

ALL EDs/CPMs in PIUs

Sub- Procedure for Implementation of discounting of bill-Public procurement policy of MSME.

- Ref- i) ED/HR's letter no. RVNL/2/46/HR/MSME Dated 11.01.2023 addressed to all PIUs.
 ii) ED/CC letter no. 2022/RVNL/MoU/2022-23 Dated 06.02.203 addressed to ED/PSU/Railway Board
 iii) GM finance's letter no. 2019-20/RVNL/F&A/TReDS/Information/I Dated 17.10.2022 addressed to all PIUs.
 iv) Department of public enterprises office memorandum no. DPE/7(4)/2007-Fin Dated 21 August, 2020.
 v) Department of public enterprises office memorandum no. DPE-7(4)/2007-Fin Dated 4th May, 2020.

A. Introduction:

1. Trade receivables or TReDS is an online platform that allows MSME firms to discount their invoice. RBI has launched the discounting scheme in 2018. Under the scheme, MSME sellers have option to discount their invoice raised for supply of goods and services. The scheme helps them to manage their work capital requirement.
2. RVNL has registered with Invoicemart (A joint venture of Axis Bank and mjunction) on 15.07.2019 having ID 1000012671. Therefore, vendors registered with Invoicemart only will have option to opt for the scheme.
3. TReDS is an electronic platform for facilitating the financing / discounting of trade receivables of Micro, Small and Medium Enterprises (MSMEs) through multiple financiers.
4. Invoicemart is a Trade Receivables Discounting System (TReDS) platform set up to resolve the credit challenges faced by MSMEs. It is promoted by A.TReDS Ltd. (a joint venture between Axis Bank and mjunction services), which has the license from RBI for the platform.
5. To implement the scheme successfully, it is necessary that PIUs/CO may incorporate a clause in all future Contracts/LOA that RVNL is registered with Invoicemart for Trade Receivables Discounting system (TReDS) platform. Discounting process is a digital platform for submission of invoice by vendor to receive payment. There is no physical movement of documents. Both of these methods are designed to speed up the vendor payment process without disturbing the balance sheet of any stakeholder.
6. In Factoring, the MSME vendor raises the invoice and the Buyer verifies the same. This enables the Invoicemart which are also the invoice factoring company to bid against the verified and approved invoice. Once RVNL approves the payment to vendor on Invoicemart platform, the payment to vendor is processed in T+1 days.
7. Under the scheme, payment to vendor shall be made directly by Invoicemart on getting approval from approver nominated for the purpose. However, on due date of

Signature

payment, Invoicemart will auto debit RVNL's bank account based on the standing mandate given to them.

8. Therefore, even if the payment terms in LOA are T+45 days, vendor gets the payment in 3-4 days by discounting his invoice.
9. May kindly refer to Department of public enterprise office memorandum at SN-43 & 49 for mandatory onboarding of MSME on TReDS portal.
10. The following action has been taken till now-

- a. ED/HR with copy to PED/S&T and PED/Elec have been requested that MSME vendors in Corporate office and PIUs who have supplied/likely to supply the goods or services may be asked to get registered on M/s. Invoicemart.
- b. ED/Planning has been asked to incorporate the above in SBD and future LOA with a copy to ED/HR, PED/S&T, PED/Electrical for similar action in their tenders, so that MSME vendors mandatorily get themselves registered on the above portal.
- c. Reference has been made to more than 600+ MSME Vendors who had supplied the goods or services in the past to get themselves registered on the portal
- d. Following vendors who had earlier supplied the goods or services to RVNL and were already there with Invoicemart for some other buyer, have already been mapped by us.

ID	Seller	Segment	MSME
1000004964	TOSHNIWAL INDUSTRIES PRIVATE LIMITED	Manufacturing	Small
1000016017	INDUSTRIAL POWER CONTROL	Services	Small
1000046331	SAI INDUSTRIAL ALLIANCES PRIVATE LIMITED	Manufacturing	Small
1000057152	NEXUS ELECTRIC	Services	Micro
1000063147	SHASHI CABLES LIMITED	Manufacturing	Small
1000063476	KAMGAR ENGINEERING WORKS INDIA PRIVATE LIMITED	Manufacturing	Small
1000064860	TECHRO SCIENT MANUFACTURING COMPANY	Manufacturing	Small
1000084786	ADVAIT INFRA TECH LIMITED	Manufacturing	Small
1000085554	OM LOGISTICS	Manufacturing	Micro
1000091016	AQUAPROOF & ANCHORING SYSTEMS	Services	Small

- e. Following vendors of Corporate office who have supplied/likely to supply the material in Feb/ March have been sent to Invoicemart for mapping on 15.02.2023. HR has been told to ask below vendors to submit the bills of these vendors through TReDS portal.

Agency Name
Boli & Bedi Associates
Sai Communication
Kay Sens
Hybrid Fleet Management Private Ltd.
Babu Brothers Robotics & Research, Electronic & Electricals Pvt. Ltd.

f. For smooth functioning, the following procedure order is issued for information of all CPMs and finance officers.

B. Steps to be taken:

1. Role of consignee:

- i. On supply of goods or services, vendor raises the invoice for payment to RVNL consignee.
- ii. After supply of material by MSME, the consignee will certify that the material has been inspected and found in good condition and as per specifications.
- iii. The undernoted endorsement is required to be done on Invoice itself for those MSME vendors, who opt for payment through TReDS portal.

"Certified that the material (unit/quantity to be specified) has been received in good condition.

Bill accepted for payment through TReDS portal of M/s. Invoicemart."

- iv. The above certificate to be signed by consignee (not below Sr. DGM) alongwith AGM/JGM/Sr.DGM/Finance in token of acceptance for payment through portal so that double payment is not released to vendor.
- v. The PIU should ensure that once the vendor has requested for payment through TReDS portal, the bill should not be processed for payment..

2. Role of associate finance official in PIU/CO:

- i. Finance officer after verification of invoice by consignee, should certify the net amount payable to vendor after deduction of TDS or any other recovery.
- ii. Finance officer concerned in PIU/CO while certifying the bill for payment through TReDS portal should make endorsement on the bill stating that the bill has been posted in SAP a) by debiting expense and crediting the vendor who has supplied the material or services b) debit to vendor and credit to M/s. Invoicemart (without maintaining bank account in vendor master).
- iii. Alongwith certification, finance officer should also mention both the document nos. on invoice while forwarding the same to corporate office for approving payment through TReDS.
- iv. Credit in ledger account of M/s. Invoicemart should be cleared on receipt of auto debit from bank by finance official in PIU/CO concerned.

3. Role of maker and approver:

- i. The following officials of corporate office are nominated as maker and approver for the TReDS scheme on Invoicemart platform.

a) Sunil Sharma, Sr. Manager/Fin/CO, Approver



- b) Pradeep Kumar Chaubey, Approver (batch arrangement).
 c) Mithilesh Kumar Singh, Manager/F/E, Maker/Initiator (Overall responsible to ensure that maker/initiator and approver approves the payment within time bound manner.)
 d) Ganga Ram, Manager/F/E Maker/Initiator.
 e) Pradeep Kumar Sachan, Manager/F/E, Maker/ Initiator
- ii. The distribution of PIUs amongst Initiator/Maker is done as under. However, Sh. Mithilesh Kumar Singh, Manager/F/CO/E will be responsible to ensure that maker/initiator and approver approves the payment within time bound manner.

SN	PIUs	Initiator/Maker
1	COOP	Pradeep Kumar Sachan
2	Delhi	Pradeep Kumar Sachan
3	ADI	Ganga Ram
4	Bhopal	Ganga Ram
5	Bangalore	Mithilesh Kumar Singh
6	Chandigarh	Mithilesh Kumar Singh
7	Chennai	Mithilesh Kumar Singh
8	Indore	Ganga Ram
9	Jhansi	Ganga Ram
10	Kolkata, Mughalsarai	Pradeep Kumar Sachan
11	Kota	Mithilesh Kumar Singh
12	Lucknow	Pradeep Kumar Sachan
13	Mumbai	Ganga Ram
14	Patna	Pradeep Kumar Sachan
15	Pune	Ganga Ram
16	Raipur	Mithilesh Kumar Singh
17	Ranchi	Pradeep Kumar Sachan
18	Rishikesh	Mithilesh Kumar Singh
19	Se	Mithilesh Kumar Singh
20	Varanasi	Pradeep Kumar Sachan
21	Waltair	Mithilesh Kumar Singh

- iii. An email will be sent by M/s. Invoicemart to Maker and Approver at their registered email that a request has been received from registered vendor for discounting of bill.
- iv. Maker and checker will be responsible to contact the CPM/GM concerned in PIU/corporate office. CPM/GM concerned may be asked to send a copy of certified invoice duly signed by CPM/GM and finance officers.
- v. Maker and checker will be responsible to send confirmation /approval on Invoicemart platform within 48 working hours.
- vi. Maker and approver should submit a report downloaded from M/s. Invoicemart every fortnight to JGM/F/SKM and JGM/F/MM for review.

Shilpi
 (Shilpi Agarwal) 20/2/2023

GGM/Finance

Cc to: DPE for information.

ii) ED/Plg., PED/S&T, PED/Elect,

iii) AGM/JGM/Sr. DGM/Finance in Corporate office and PIUs for information and necessary action.

EXPLANATORY NOTES FOR SCHEDULE OF RATES OHE INSULATORS PARTICULAR SCHEDULE – A

ITEM No. : Supply of Insulators for item Nos. 1 to 3.

The price shall cover only supply of the following Insulators mentioned against each items required for execution of work covered under items 1 to 3. Erection cost of insulators are inclusive in items 1 to 3 respectively.

Item No.	Insulator
1	Stay Arm Porcelain (CD-1050 mm)
2	Bracket Porcelain (CD-1050 mm)
3	Porcelain 9 Tonne (CD-1050 mm)

LIST OF STANDARD RDSO's SPECIFICATIONS

SI.NO.	TITLE OF SPECIFICATION	SPECIFICATION NO
1	2	3
1.	Solid core porcelain insulators for 25 KV, 50 Hz single phase overhead lines	TI/SPC/OHE/INS/0071(04/2022) or latest
2.	25 KV single and double pole isolators.	ETI/OHE/16(1/94) with A&C slip No.1 of (06/2000) & 2 of (3/2004) or latest
3.	Light Weight Section Insulators assembly. OR Section Insulator assembly without sectioning insulator.	TI/SPC/OHE/LWTSI/0060 (8/2006) OR ETI/OHE/27(8/84) with A&C slip No.1 of (10/92) or latest

LIST OF IS SPECIFICATION

S No.	IS Code No.	Descriptions
1	IS:731-1971 or latest	Porcelain Insulator for overhead power lines with a nominal voltage greater than 1000V
2	IS:3188-1980 or latest	Characteristics of string insulator units

SC PIU required Insulator Quantities			
S.No	Type of Insulators	Units	Quantities- Secunderbad PIU
	Project Name :		OGL-GDR
1	Stay Arm Porcelain (CD-1050 mm)	Each	9240
2	Bracket Porcelain (CD-1050 mm)	Each	9240
3	Supply of 9-Tonne Porcelain (CD-1050 mm)	Each	3217
4	Delivery Location(Store):	Each	Will be informed
Note: <ol style="list-style-type: none"> Quantity booked under OGL-GDR project can be used in Different BD projects of SC PIU as per the requirements and urgency with approval of competent authorities Quantities obtained in OGL-GDR projects is as per LOA obtained QTY 			