

Tender Report: Improvement of Earthing System

POWER GRID CORPORATION OF INDIA LIMITED
RFx No. 5002004868

Date of IFB Issuance: 31-Oct-2025

1 Overview

- **Title:** Improvement of Earthing system at POWERGRID, Angul sub-station (Under AM Budget)
- **Specification No.:** ODP/BB/C&M-4292/OT-07/RFx No. 5002004868/25-26
- **Published On (IFB Date):** 31-Oct-2025
- **Bid End Date/Time (Online Receipt):** 24-Nov-2025, Up to 11:00 Hrs
- **Bid Opening Date/Time (Techno-Commercial):** 24-Nov-2025, 11:30 Hrs
- **Organisation:** Power Grid Corporation of India Ltd. (POWERGRID)
- **Funding:** Domestic (Owner's Internal Resources/Domestic Borrowings/Bonds)
- **Bid Type/Procedure:** Domestic Competitive Bidding (DCB), Single Stage Two Envelope
- **Contract Completion Period:** 03 (Three) Months

2 Financial Details

- **Estimated Cost (excl. GST):** 37,91,446/-
- **Bid Security (EMD) Amount:** 76,000/-
- **Cost of Bidding Documents:** 2,000/- (non-refundable)
- **Document Fee Payment:** DD payable at Bhubaneswar in favour of Power Grid Corporation of India Ltd. or online payment.
- **e-Reverse Auction (e-RA):** Applicable/Shall be conducted

3 Eligibility Criteria & Preferences

- **Eligible Bidders:** Firms registered and incorporated in India (as per Companies Act, 1956). Foreign firms not registered in India are barred.
- **Mandatory Requirement:** Only 'Class-I local supplier' shall be eligible to bid.
- **Digital Certificate:** Must have a valid Class 3B Digital Certificate (signing and encryption/decryption) for e-Tendering.
- **MSE Exemption:** Micro and Small Enterprises (MSEs) registered with Udyam are exempted from the Bidding Document fee.

4 Scope of Work and Technical Conditions

4.1 Scope of Work Summary

- The work involves the **Improvement of Earthing system** at POWERGRID, Angul sub-station.
- **Key activities** include:
 - Supply and installation of material.
 - Testing before execution (to identify the issue) and revalidation after execution, in the presence of a POWERGRID representative.
 - Excavation, connection with nuts/bolts, and laying of a new riser to the earth mat/grid with proper welding.

- Removal of debris and maintaining the initial aesthetic condition.
- Insurance of working personnel is in the scope of the party.

4.2 Performance Requirements

- **Maintenance:** The system must be **totally maintenance free** and require no periodic or scheduled maintenance for a period of at least **10 years**.
- **Ohmic Value:** The system must provide a constant low ohmic value for its entire lifecycle, independent of moisture or temperature.
- **Riser Integrity Test (RIT):** After rectification, the agency must perform an RIT on all riser joints, achieving a current division percentage of **> 35 %** for successful acceptance.

5 Mandatory Documentation Checklist

Note: Hard Copies must be submitted physically by the bid deadline.

- **Hard Copy Submissions (Originals/Proofs):**
 - DD/Online Payment Acknowledgment for Bidding Document fee or Exemption proof (for MSEs).
 - Bid Security (EMD) in Original or Exemption proof.
 - Integrity Pact (in Original).
 - Power of Attorney.
 - Affidavit of Self-certification regarding Minimum Local Content (on non-judicial stamp paper of 100/-).
- **Online Submission (Mandatory):**
 - Soft copy of the entire bid, including the mandatory 'First Envelope and Bid Forms' excel file.
 - **Warning:** Non-submission of Bid Forms (Vol-III) shall lead to outright rejection of the bid.
- **Post-Award Requirement:** Bidder shall register on the GeM Portal at the time of Placement of Order.

6 E-Tendering and Contact Details

- **Bidding Portal:** <https://etender.powergrid.in>
- **Hard Copy Submission Address:**
Sr. Dy. General Manager (C&M),
POWER GRID CORPORATION OF INDIA LTD.,
PLOT NO.4, UNIT-41, NILADRI VIHAR, CHANDRASHEKHARPUR, BHUBANESWAR-751021
- **Email:** cnmodisha@powergrid.in