

Tender Report: AMC for Earthing Network Healthiness Checking and Maintenance

Panipat Naphtha Cracker Plant, Indian Oil Corporation Ltd.

Tender No.: RPNC254053 / GEM/2025/B/6926843

Contract Duration: 24 Months
November 27, 2025

1 Overview

- Organisation:** Indian Oil Corporation Limited (IOCL), Refineries Division
- Plant / Office:** Panipat Naphtha Cracker Plant (PNCP), IOCL Panipat Refinery
- Tender Number:** RPNC254053 / GEM/2025/B/6926843
- Name of Work:** AMC for Earthing network healthiness checking and maintenance
- Contract Duration:** 24 (Twenty-Four) Months
- Bid End Date / Time:** 08-12-2025, 15:00
- Bid Opening Date / Time:** 08-12-2025, 15:30
- Tender Type:** Two Bid System (Technical + Financial)
- Estimated Value (Approx.):** 93,07,849.02
- MSE / Startup Exemption:** No
- MII Compliance:** Yes
- Purchase Preference:** Yes, up to L1+15% for MSEs

2 Financial and EMD Details

- EMD Amount:** 24,000 (Online Payment via State Bank of India)
- ePBG Requirement:** 5% of contract value, duration 39 months
- Advisory Bank:** State Bank of India, SBI Baholi, Panipat, Account No.: 10432167067, IFSC: SBIN0008706
- Bid Splitting:** Not Applied
- Minimum Bids to Disable Auto Extension:** 3
- Auto Extension Days / Count:** 7 days / 3 times
- Evaluation Method:** Total value wise
- Bid Validity:** 120 Days from End Date

3 Scope of Work (24-Month AMC)

This tender involves a 24-month AMC for the Earthing Network at PNCP. The primary tasks include healthiness checking, maintenance, and protective civil work as per IOCL specifications.

3.1 Mandatory Testing and Maintenance

The contractor must perform the following core maintenance activities:

- Earth Pit Resistance Testing and documentation.
- Lightning and Bonding Continuity Checks.
- Repair or replace damaged earthing components (e.g., strips, wires).
- Apply salt treatment (Salt/Charcoal/Bentonite) to improve earth resistance.
- Maintenance, cleaning, and upkeep of all existing Earthing Chambers.
- New Earth Pit Construction, welding, and exothermic jointing as required.
- Regular inspection and healthiness assessment of the entire earthing network.

3.2 Supply and Civil Tasks

The scope includes supply, installation, and related civil tasks:

- Supply and installation of GI/Copper strips, FRP/MS covers, clamps, and wires.
- Civil work: Supply and laying of approved **2nd class bricks (75 mm thick)** in cable trenches.
- Providing and fixing **precast cement concrete Jali (1:2:4)** for cable protection.
- All related Civil Tasks (breaking, making, backfilling) to facilitate earthing work.

- Documentation and submission of reports to IOCL.

4 Key BOQ Items (Material Civil Work)

4.1 Civil and Protection Materials

- Supply and laying of approved 2nd class bricks (75 mm thick)
- Precast cement concrete Jali (1:2:4) reinforced with 1.6 mm dia MS wire (50 mm thick)

4.2 Service Components

- Comprehensive healthiness checking and maintenance labour
- Deployment of skilled manpower for 24 months
- Documentation and report submission as per IOCL requirements

5 Mandatory Documentation and Conditions

- PQC: Annual turnover, experience, and past work order proof (Experience Criteria, Bidder Turnover)
- Document Uploads: Experience, Additional documents requested in ATC
- Declarations:
 - Annexure: EH2-A (Non-Engagement of Child Labour)
 - Annexure: EH2-O (Relationship with IOCL Director)
- Safety Compliance: Adherence to Special Conditions on Safety Management System 2024
- Bidder must be registered under Competent Authority if from a country sharing land border with India (GeM GTC Clause 26)

6 Additional Terms (ATC)

- Forms of EMD and PBG: Online payment via RTGS / internet banking allowed
- Purchase preference to MSEs as per Public Procurement Policy for MSEs Order, 2012
- Auto Extension rules as per GeM
- Bidder to indicate bid number and name of entity in transaction details for online transfer
- Compliance with all applicable laws (Labour Laws, Minimum Wages, Payment of Wages, Bonus, Gratuity, Equal Remuneration)
- Buyer Added ATC Clauses: Only valid if approved by Competent Authority; bidders can raise representation within 4 days of bid publication

7 Contact Details

- Beneficiary:** MNM-EL, IOCL Panipat Refinery
- Department:** Contracts / Panipat Naphtha Cracker Plant
- Reporting Officer:** Naveen Jampani
- Address:** 132140, Indian Oil Corporation Ltd., PO. Bohali, Panipat
- Bank Details for EMD / PBG:** SBI Baholi, Panipat, Account No.: 10432167067, IFSC: SBIN0008706

Conclusion:

This tender is a 24-month AMC for the Earthing Network at IOCL, PNCP, including preventive maintenance, protective civil work, and full compliance with MSE, safety, PQC, and GeM regulations. Strict documentation and adherence to ATC are essential for bidder qualification.