

REQUEST FOR PROPOSAL (RFP)

Supply, Testing & Delivery of Industrial Electrical Products

Organization	National Heavy Engineering Ltd.
RFP Reference No	NHEL/RFP/HV/2025/031
Issue Date	01 February 2025
Submission Deadline	01 May 2025

1. Project Overview

Procurement of 33kV XLPE insulated copper armoured power cables for heavy industrial manufacturing units.

2. Scope of Supply

- 33kV XLPE Copper Armoured Power Cable – 9 Km
- Outdoor Termination Kits – 54 Units (6 units/Km)
- Straight Through Joints – 36 Units (4 units/Km)
- Compliance with IEC 60502 / IS 7098 (Part-II)

3. Technical Specifications

Rated Voltage: 33kV

Conductor: Copper

Insulation: XLPE

Maximum Operating Temperature: 90°C

Installation: Cable Trench / Underground

Standard Compliance: IEC 60502 / IS 7098

4. Testing & Acceptance

- Routine Tests: High Voltage Test, Conductor Resistance
- Acceptance Tests: Partial Discharge, Thermal Aging Test

5. Commercial Requirements

- Unit price per product
- Separate pricing for testing and services
- Prices to be all-inclusive

6. Evaluation Criteria

- Technical compliance
- Price competitiveness
- Delivery timeline

7. Submission Details

Technical and commercial bids must be submitted digitally on or before the deadline.

Late submissions will not be considered.

8. Contact Information

Procurement Officer: Tender Committee

Email: procurement@authority.gov.in

Phone: +91 90000 00000