

REQUEST FOR PROPOSAL (RFP)

Supply, Testing & Delivery of Industrial Electrical Products

Organization	National Highway Tunnel Authority
RFP Reference No	NHTA/RFP/FS/2025/014
Issue Date	18 January 2025
Submission Deadline	18 April 2025

1. Project Overview

Supply of fire-survival low smoke zero halogen (LSZH) cables for highway tunnel ventilation and safety systems.

2. Scope of Supply

- 1.1kV Fire Survival Power Cable (LSZH) – 14 Km
- Fire Survival Cable Cleats – 280 Units (20 units/Km)
- Indoor Termination Kits – 112 Units (8 units/Km)
- Compliance with IEC 60331 / IEC 61034

3. Technical Specifications

Rated Voltage: 1.1kV

Conductor: Copper

Insulation: XLPE / Mica Tape

Sheath: LSZH

Operating Temperature: 90°C

Standard Compliance: IEC 60331 / IEC 61034

4. Testing & Acceptance

- Routine Tests: Insulation Resistance
- Acceptance Tests: Fire Resistance Test, Smoke Density 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