

REQUEST FOR PROPOSAL (RFP)

INVITATION TO BID FOR SUPPLY OF CABLES

GOVERNMENT PROCUREMENT PORTAL

BUYER DETAILS

Organization: Indian Railways - Northern Region

Location: Hyderabad, India

RFP ID: GOV-105

2

ITEMS REQUIRED

CABLES REQUIRED BY BUYER:

Item 1: 1.1kV LT Cable - 4C x 80 sqmm Aluminium (5 km)

Item 2: 1.1kV Control Cable - 20C x 2.5 sqmm Copper (2 km)

KEY INFORMATION

Estimated Budget: INR 8,24,800 **Contact:** ee.cables@nr.railnet.gov.in

Bid Due Date: 27 February 2026 at 05:30 pm **Phone:** +91-11-23384000

IMPORTANT NOTICE:

Vendors must submit quotations for ALL 2 item(s) listed above.

Partial quotations will be rejected. Please ensure compliance with all technical specifications.

SECTION 1: SCOPE OF SUPPLY

Supply of 2 type(s) of cables as detailed below:

Item	Cable Type	Voltage	Size	Cores	Conductor	Qty(km)	Standard
1	LT Cable	1.1kV	80 sqmm	4C	Aluminium	5	IS 7098
2	Control Cable	1.1kV	2.5 sqmm	20C	Copper	2	IS 1554

ITEM 1 SPECIFICATIONS: LT Cable

Cable Type	LT Cable
Voltage Rating	1.1kV
Conductor Material	Aluminium
Cross Section	80 sqmm
Number of Cores	4 Core
Insulation	XLPE
Armour	Armoured
Quantity	5 km
Standard	IS 7098

ITEM 2 SPECIFICATIONS: Control Cable

Cable Type	Control Cable
Voltage Rating	1.1kV
Conductor Material	Copper
Cross Section	2.5 sqmm
Number of Cores	20 Core
Insulation	PVC
Armour	Armoured
Quantity	2 km
Standard	IS 1554

SECTION 2: TESTING REQUIREMENTS

Tests for Item 1: LT Cable 1.1kV

Routine Tests:

1. High Voltage Test (HT) as per IS 7098
2. High Voltage Test (EHV) as per IEC 60840
3. Insulation Resistance Test (XLPE LT) as per IS 10810

Type Tests:

1. Bending Test as per IS 7098
2. Tensile Strength Test as per IS 5831

Tests for Item 2: Control Cable 1.1kV

Routine Tests:

1. Spark Test (Control/Instrumentation) as per IS 7098
2. Voltage Drop Test (Control) as per IS 3961

Type Tests:

1. Bending Test as per IS 7098
2. Tensile Strength Test as per IS 5831

THIRD PARTY INSPECTION:

TPI by NABL/CPRI accredited agency mandatory before dispatch.

SECTION 3: BID SUBMISSION INSTRUCTIONS

IMPORTANT: READ CAREFULLY BEFORE SUBMISSION

SUBMISSION MODE: PRE-BID MEETING REQUIRED

Interested bidders must first request a pre-bid meeting before formal submission.

Meeting Request Email:

ee.cables@nr.railnet.gov.in

Email Subject:

Pre-bid Meeting Request - GOV-105

Process:

1. Send meeting request email with company profile
2. Attend pre-bid meeting (virtual/physical)
3. Receive clarifications and final bid documents
4. Submit formal bid as per instructions in meeting

DEADLINE REMINDER

All bids must be received before: 27 February 2026 at 05:30 pm

Late submissions will not be accepted under any circumstances.

SECTION 4: TERMS & CONDITIONS

1. DELIVERY: Within 45 days from PO.
2. PAYMENT: 40% advance, 40% dispatch, 20% after installation
3. WARRANTY: 30 months from commissioning.
4. LD: 0.5% per week, max 8%.
5. VALIDITY: 120 days from due date.
6. DAMAGE: Replacement at no cost for damage
7. INSURANCE: All-risk with buyer as beneficiary
8. QUALITY: Must conform to IS/IEC standards.
9. INSPECTION: Buyer may inspect at any stage.
10. REJECTION: Buyer reserves right to reject any bid.
11. Technical support mandatory
12. Spare parts for 10 years