

# REQUEST FOR PROPOSAL (RFP)

## INVITATION TO BID FOR SUPPLY OF CABLES

INDUSTRIAL SUPPLY NETWORK

### BUYER DETAILS

**Organization:** Indian Oil Corporation Ltd (IOCL)

**Location:** Coimbatore, India

**RFP ID:** IND-213

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 - 12C x 2.5 sqmm Copper (2 km)

### KEY INFORMATION

**Estimated Budget:** INR 8,24,800

**Contact:** cables@iocl.co.in

**Bid Due Date:** 26 March 2026 at 05:30 pm

**Phone:** +91-11-26262000

### 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 | 12C   | Copper    | 2       | IS 1554  |

### ITEM 1 SPECIFICATIONS: LT Cable

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

### ITEM 2 SPECIFICATIONS: Control Cable

|                           |               |
|---------------------------|---------------|
| <b>Cable Type</b>         | Control Cable |
| <b>Voltage Rating</b>     | 1.1kV         |
| <b>Conductor Material</b> | Copper        |
| <b>Cross Section</b>      | 2.5 sqmm      |
| <b>Number of Cores</b>    | 12 Core       |
| <b>Insulation</b>         | PVC           |
| <b>Armour</b>             | Armoured      |
| <b>Quantity</b>           | 2 km          |
| <b>Standard</b>           | 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:**

[cables@iocl.co.in](mailto:cables@iocl.co.in)

##### **Email Subject:**

Pre-bid Meeting Request - IND-213

##### **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: 26 March 2026 at 05:30 pm

Late submissions will not be accepted under any circumstances.

## SECTION 4: TERMS & CONDITIONS

1. DELIVERY: Within 90 days from PO.
2. PAYMENT: 20% advance, 70% on shipment, 10% after commissioning
3. WARRANTY: 24 months from commissioning.
4. LD: 0.5% per week, max 10%.
5. VALIDITY: 180 days from due date.
6. DAMAGE: Seller responsible until acceptance
7. INSURANCE: Comprehensive marine transit insurance
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. Price includes unloading
12. Installation supervision separate