

# REQUEST FOR PROPOSAL (RFP)

## INVITATION TO BID FOR SUPPLY OF CABLES

UTILITIES & INFRASTRUCTURE HUB

### BUYER DETAILS

**Organization:** Nagaland Power Corp Ltd (NPCL)

**Location:** Chennai, India

**RFP ID:** UTL-318

2

ITEMS REQUIRED

### CABLES REQUIRED BY BUYER:

**Item 1:** 11kV HT Cable - 3C x 100 sqmm Aluminium (6 km)

**Item 2:** 1.1kV Control Cable - 12C x 2.5 sqmm Copper (2 km)

### KEY INFORMATION

**Estimated Budget:** INR 32,84,800

**Contact:** cables@nagalandpower.com

**Bid Due Date:** 29 May 2026 at 05:30 pm

**Phone:** +91-370-2290011

### 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	HT Cable	11kV	100 sqmm	3C	Aluminium	6	IS 7098
2	Control Cable	1.1kV	2.5 sqmm	12C	Copper	2	IS 1554

## ITEM 1 SPECIFICATIONS: HT Cable

<b>Cable Type</b>	HT Cable
<b>Voltage Rating</b>	11kV
<b>Conductor Material</b>	Aluminium
<b>Cross Section</b>	100 sqmm
<b>Number of Cores</b>	3 Core
<b>Insulation</b>	XLPE
<b>Armour</b>	Armoured
<b>Quantity</b>	6 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: HT Cable 11kV

**Routine Tests:**

1. Insulation Resistance Test (XLPE HT) as per IS 10810

**Type Tests:**

1. High Voltage Test (HT) as per IS 7098
2. Water Immersion Test (HT/EHV) as per IEC 60502
3. Partial Discharge Test (HT Small) as per IEC 60270

### 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: PHYSICAL SUBMISSION BY COURIER

Bidders must submit sealed bid documents on company letterhead via registered post/courier.

##### Submission Address:

Chief Procurement Officer,  
Nagaland Power Corp Ltd (NPCL),  
Procurement Department,  
Chennai, India - 400001

##### Envelope Marking:

"BID FOR UTL-318 - DO NOT OPEN BEFORE DUE DATE"

##### Documents Required:

1. Covering Letter on Company Letterhead
2. Technical Bid (Envelope 1)
3. Commercial Bid (Envelope 2)
4. EMD/Bid Security (if applicable)

#### DEADLINE REMINDER

All bids must be received before: 29 May 2026 at 05:30 pm  
Late submissions will not be accepted under any circumstances.

## SECTION 4: TERMS & CONDITIONS

1. DELIVERY: Within 55 days from PO.
2. PAYMENT: 25% advance, 65% inspection, 10% warranty retention
3. WARRANTY: 36 months from commissioning.
4. LD: 0.75% per week, max 12%.
5. VALIDITY: 120 days from due date.
6. DAMAGE: TPI before dispatch; seller bears defects
7. INSURANCE: Certificate with invoice
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. Extended warranty at 2%/year
12. AMC to be quoted separately