

# REQUEST FOR PROPOSAL (RFP)

## INVITATION TO BID FOR SUPPLY OF CABLES

GOVERNMENT PROCUREMENT PORTAL

### BUYER DETAILS

**Organization:** Tamil Nadu Generation & Distribution Corp (TANGEDCO)  
**Location:** Jaipur, India  
**RFP ID:** GOV-108

2

ITEMS REQUIRED

### CABLES REQUIRED BY BUYER:

**Item 1:** 66kV EHV Cable - 1C x 400 sqmm Aluminium (10 km)

**Item 2:** 1.1kV Control Cable - 12C x 2.5 sqmm Copper (3 km)

### KEY INFORMATION

**Estimated Budget:** INR 3,21,57,200      **Contact:** cables@tangedco.gov.in  
**Bid Due Date:** 04 February 2026 at 05:30 pm    **Phone:** +91-44-28525264

### 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	EHV Cable	66kV	400 sqmm	1C	Aluminium	10	IEC 60840
2	Control Cable	1.1kV	2.5 sqmm	12C	Copper	3	IS 1554

### ITEM 1 SPECIFICATIONS: EHV Cable

<b>Cable Type</b>	EHV Cable
<b>Voltage Rating</b>	66kV
<b>Conductor Material</b>	Aluminium
<b>Cross Section</b>	400 sqmm
<b>Number of Cores</b>	1 Core
<b>Insulation</b>	XLPE
<b>Armour</b>	Armoured
<b>Quantity</b>	10 km
<b>Standard</b>	IEC 60840

### 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>	3 km
<b>Standard</b>	IS 1554

## SECTION 2: TESTING REQUIREMENTS

### Tests for Item 1: EHV Cable 66kV

**Routine Tests:**

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

**Type Tests:**

1. High Voltage Test (EHV) as per IEC 60840
2. Water Immersion Test (HT/EHV) as per IEC 60502
3. Partial Discharge Test (EHV) as per IEC 60840

### 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: FILL FORM IN THIS PDF

Bidders must complete the BID RESPONSE FORM provided in ANNEXURE-A of this document.

The form contains fillable fields for vendor details, pricing, and technical compliance.

#### Steps to Submit:

1. Open this PDF in Adobe Acrobat Reader or compatible PDF editor
2. Navigate to ANNEXURE-A: BID RESPONSE FORM
3. Fill all mandatory fields marked with (\*)
4. Enter your quoted prices in the pricing table
5. Digitally sign the declaration section
6. Save the completed PDF
7. Email the filled PDF to the address below

#### Submit Completed Form To:

[cables@tangedco.gov.in](mailto:cables@tangedco.gov.in)

#### Form Location:

See ANNEXURE-A (Page 6 onwards) of this document

#### DEADLINE REMINDER

All bids must be received before: 04 February 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

# ANNEXURE-A: BID RESPONSE FORM

\* All fields marked with asterisk are mandatory

## SECTION 1: VENDOR DETAILS

Company Name *	[Fill Here]
Registered Address *	[Fill Here]
GST Number *	[Fill Here]
PAN Number *	[Fill Here]
Contact Person *	[Fill Here]
Email *	[Fill Here]
Phone *	[Fill Here]
Years in Business	[Fill Here]
Annual Turnover (INR)	[Fill Here]

## SECTION 2: PRICE QUOTATION

Item	Description	Qty (km)	Unit Rate *	Total Amount *	GST %	Grand Total *
1	EHV Cable 66kV 1C x 400 sqmm	10	[Enter]	[Enter]	[%]	[Enter]
2	Control Cable 1.1kV 12C x 2.5 sqmm	3	[Enter]	[Enter]	[%]	[Enter]

**TOTAL BID VALUE (INR):**

[Sum of Grand Totals]

## SECTION 3: TECHNICAL COMPLIANCE

- 1. All products comply with IS/IEC standards specified in this RFP
- 2. We can meet the delivery timeline specified
- 3. We accept the testing requirements as stated
- 4. We accept Third Party Inspection requirements
- 5. We agree to the warranty terms specified

## SECTION 4: DECLARATION & SIGNATURE

I hereby declare that all information provided in this bid is true and accurate. I understand that any false information may lead to disqualification.

Authorized Signatory

[Sign Here]

Date

[DD/MM/YYYY]

Name: \_\_\_\_\_

Company Seal:

Designation: \_\_\_\_\_