

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
Bid Due Date: 04 February 2026 at 05:30 pm
Contact: cables@tangedco.gov.in
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

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

ITEM 2 SPECIFICATIONS: Control Cable

Cable Type	Control Cable
Voltage Rating	1.1kV
Conductor Material	Copper
Cross Section	2.5 sqmm
Number of Cores	12 Core
Insulation	PVC
Armour	Armoured
Quantity	3 km
Standard	IS 1554

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.

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

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.

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

* 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]

Name: _____

Designation: _____

Date
[DD/MM/YYYY]

Company Seal: