

REQUEST FOR PROPOSAL (RFP)

INVITATION TO BID FOR SUPPLY OF CABLES

UTILITIES & INFRASTRUCTURE HUB

BUYER DETAILS

Organization: Tata Power Company Ltd
Location: Mumbai, India
RFP ID: UTL-300

3

ITEMS REQUIRED

CABLES REQUIRED BY BUYER:

- Item 1:** 45kV HT Cable - 1C x 300 sqmm Aluminium (6 km)
Item 2: 1.1kV Control Cable - 20C x 2.5 sqmm Copper (2 km)
Item 3: 0.6kV Instrumentation Cable - 4C x 16 sqmm Copper (2 km)

KEY INFORMATION

Estimated Budget: INR 56,12,800
Bid Due Date: 12 January 2026 at 05:30 pm
Contact: cables@tatapower.com
Phone: +91-22-66657373

IMPORTANT NOTICE:

Vendors must submit quotations for ALL 3 item(s) listed above.
Partial quotations will be rejected. Please ensure compliance with all technical specifications.

SECTION 1: SCOPE OF SUPPLY

Supply of 3 type(s) of cables as detailed below:

Item	Cable Type	Voltage	Size	Cores	Conductor	Qty(km)	Standard
1	HT Cable	45kV	300 sqmm	1C	Aluminium	6	IS 7098
2	Control Cable	1.1kV	2.5 sqmm	20C	Copper	2	IS 1554
3	Instrumentation Cable 0.6kV		16 sqmm	4C	Copper	2	IS 1554

ITEM 1 SPECIFICATIONS: HT Cable

Cable Type	HT Cable
Voltage Rating	45kV
Conductor Material	Aluminium
Cross Section	300 sqmm
Number of Cores	1 Core
Insulation	XLPE
Armour	Armoured
Quantity	6 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

ITEM 3 SPECIFICATIONS: Instrumentation Cable

Cable Type	Instrumentation Cable
Voltage Rating	0.6kV
Conductor Material	Copper
Cross Section	16 sqmm
Number of Cores	4 Core
Insulation	PVC
Armour	Armoured
Quantity	2 km
Standard	IS 1554

Tests for Item 1: HT Cable 45kV

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

Tests for Item 3: Instrumentation Cable 0.6kV

Routine Tests:

1. Conductor Resistance Test as per IS 8130
2. Insulation Resistance Test as per IS 10810

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@tatapower.com

Form Location:

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

DEADLINE REMINDER

All bids must be received before: 12 January 2026 at 05:30 pm
Late submissions will not be accepted under any circumstances.

1. DELIVERY: Within 45 days from PO.
2. PAYMENT: 30% advance, 60% on delivery, 10% after acceptance
3. WARRANTY: 24 months from commissioning.
4. LD: 0.5% per week, max 10%.
5. VALIDITY: 90 days from due date.
6. DAMAGE: Seller bears cost of transit damage until delivery at site
7. INSURANCE: Transit insurance mandatory by seller
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. Prices to be quoted DDP
12. No price escalation allowed

* 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	HT Cable 45kV 1C x 300 sqmm	6	[Enter]	[Enter]	[%]	[Enter]
2	Control Cable 1.1kV 20C x 2.5 sqmm	2	[Enter]	[Enter]	[%]	[Enter]
3	Instrumentation Cable 0.6kV 4C x 16 sqmm	2	[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: