

# 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      **Contact:** cables@tatapower.com

**Bid Due Date:** 12 January 2026 at 05:30 pm    **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

<b>Cable Type</b>	HT Cable
<b>Voltage Rating</b>	45kV
<b>Conductor Material</b>	Aluminium
<b>Cross Section</b>	300 sqmm
<b>Number of Cores</b>	1 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>	20 Core
<b>Insulation</b>	PVC
<b>Armour</b>	Armoured
<b>Quantity</b>	2 km
<b>Standard</b>	IS 1554

## ITEM 3 SPECIFICATIONS: Instrumentation Cable

<b>Cable Type</b>	Instrumentation Cable
<b>Voltage Rating</b>	0.6kV
<b>Conductor Material</b>	Copper
<b>Cross Section</b>	16 sqmm
<b>Number of Cores</b>	4 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 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.

## 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@tatapower.com](mailto: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.

## SECTION 4: TERMS & CONDITIONS

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

# 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	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 samm	2	[Enter]	[Enter]	[%]	[Enter]
<b>TOTAL BID VALUE (INR):</b>		[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: \_\_\_\_\_