

# REQUEST FOR PROPOSAL (RFP)

## INVITATION TO BID FOR SUPPLY OF CABLES

UTILITIES & INFRASTRUCTURE HUB

### BUYER DETAILS

**Organization:** BSES Yamuna Power Ltd  
**Location:** Hyderabad, India  
**RFP ID:** UTL-305

2

ITEMS REQUIRED

### CABLES REQUIRED BY BUYER:

- Item 1:** 22kV HT Cable - 3C x 250 sqmm Copper (6 km)  
**Item 2:** 0.6kV Instrumentation Cable - 2C x 6 sqmm Copper (2 km)

### KEY INFORMATION

**Estimated Budget:** INR 49,38,000      **Contact:** cables@bsesdelhi.com  
**Bid Due Date:** 05 February 2026 at 05:30 pm      **Phone:** +91-11-39999707

### 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	22kV	250 sqmm	3C	Copper	6	IS 7098
2	Instrumentation Cable 0.6kV		6 sqmm	2C	Copper	2	IS 1554

### ITEM 1 SPECIFICATIONS: HT Cable

Cable Type	HT Cable
Voltage Rating	22kV
Conductor Material	Copper
Cross Section	250 sqmm
Number of Cores	3 Core
Insulation	XLPE
Armour	Armoured
Quantity	6 km
Standard	IS 7098

### ITEM 2 SPECIFICATIONS: Instrumentation Cable

Cable Type	Instrumentation Cable
Voltage Rating	0.6kV
Conductor Material	Copper
Cross Section	6 sqmm
Number of Cores	2 Core
Insulation	PVC
Armour	Armoured
Quantity	2 km
Standard	IS 1554

### Tests for Item 1: HT Cable 22kV

#### **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: 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: PRE-BID MEETING REQUIRED

Interested bidders must first request a pre-bid meeting before formal submission.

**Meeting Request Email:**

[cables@bsesdelhi.com](mailto:cables@bsesdelhi.com)

**Email Subject:**

Pre-bid Meeting Request - UTL-305

**Process:**

1. Send meeting request email with company profile
2. Attend pre-bid meeting (virtual/physical)
3. Receive clarifications and final bid documents
4. Submit formal bid as per instructions in meeting

### DEADLINE REMINDER

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

1. DELIVERY: Within 45 days from PO.
2. PAYMENT: 40% advance, 40% dispatch, 20% after installation
3. WARRANTY: 30 months from commissioning.
4. LD: 0.5% per week, max 8%.
5. VALIDITY: 120 days from due date.
6. DAMAGE: Replacement at no cost for damage
7. INSURANCE: All-risk with buyer as beneficiary
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. Technical support mandatory
12. Spare parts for 10 years