

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

SECTION 2: TESTING REQUIREMENTS

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.

SECTION 3: BID SUBMISSION INSTRUCTIONS

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

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.

SECTION 4: TERMS & CONDITIONS

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