

# REQUEST FOR PROPOSAL (RFP)

## INVITATION TO BID FOR SUPPLY OF CABLES

GOVERNMENT PROCUREMENT PORTAL

### BUYER DETAILS

**Organization:** Public Works Department - Maharashtra  
**Location:** Delhi, India  
**RFP ID:** GOV-117

2

ITEMS REQUIRED

### CABLES REQUIRED BY BUYER:

- Item 1:** 6.6kV HT Cable - 3C x 70 sqmm Copper (5 km)  
**Item 2:** 0.6kV Control Cable - 12C x 1.5 sqmm Copper (2 km)

### KEY INFORMATION

**Estimated Budget:** INR 24,82,400      **Contact:** se.elect@pwd.maharashtra.gov.in  
**Bid Due Date:** 06 April 2026 at 05:30 pm      **Phone:** +91-22-22025432

### 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	6.6kV	70 sqmm	3C	Copper	5	IS 7098
2	Control Cable	0.6kV	1.5 sqmm	12C	Copper	2	IS 1554

### ITEM 1 SPECIFICATIONS: HT Cable

<b>Cable Type</b>	HT Cable
<b>Voltage Rating</b>	6.6kV
<b>Conductor Material</b>	Copper
<b>Cross Section</b>	70 sqmm
<b>Number of Cores</b>	3 Core
<b>Insulation</b>	XLPE
<b>Armour</b>	Armoured
<b>Quantity</b>	5 km
<b>Standard</b>	IS 7098

### ITEM 2 SPECIFICATIONS: Control Cable

<b>Cable Type</b>	Control Cable
<b>Voltage Rating</b>	0.6kV
<b>Conductor Material</b>	Copper
<b>Cross Section</b>	1.5 sqmm
<b>Number of Cores</b>	12 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 6.6kV

#### 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 0.6kV

#### 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.

## 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:**

[se.elect@pwd.maharashtra.gov.in](mailto:se.elect@pwd.maharashtra.gov.in)

##### **Email Subject:**

Pre-bid Meeting Request - GOV-117

##### **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: 06 April 2026 at 05:30 pm  
Late submissions will not be accepted under any circumstances.

## SECTION 4: TERMS & CONDITIONS

1. DELIVERY: Within 60 days from PO.
2. PAYMENT: 100% within 45 days of acceptance
3. WARRANTY: 18 months from commissioning.
4. LD: 1% per week, max 10%.
5. VALIDITY: 90 days from due date.
6. DAMAGE: Buyer rejects damaged goods
7. INSURANCE: Door-to-door mandatory
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. No advance payment
12. EMD 2% required