

# REQUEST FOR PROPOSAL (RFP)

## INVITATION TO BID FOR SUPPLY OF CABLES

GOVERNMENT PROCUREMENT PORTAL

### BUYER DETAILS

**Organization:** Madhya Pradesh Power Transmission Co  
(MPPTCL)  
**Location:** Mumbai, India  
**RFP ID:** GOV-115

2

ITEMS REQUIRED

### CABLES REQUIRED BY BUYER:

- Item 1:** 220kV EHV Cable - 1C x 1000 sqmm Aluminium (8 km)  
**Item 2:** 0.6kV Instrumentation Cable - 6C x 1.5 sqmm Copper (2 km)

### KEY INFORMATION

<b>Estimated Budget:</b>	INR 4,25,23,000	<b>Contact:</b>	cables@mpptcl.mp.gov.in
<b>Bid Due Date:</b>	25 April 2026 at 05:30 pm	<b>Phone:</b>	+91-755-2554000

### 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	EHV Cable	220kV	1000 sqmm	1C	Aluminium	8	IEC 60840
2	Instrumentation Cable 0.6kV		1.5 sqmm	6C	Copper	2	IS 1554

### ITEM 1 SPECIFICATIONS: EHV Cable

Cable Type	EHV Cable
Voltage Rating	220kV
Conductor Material	Aluminium
Cross Section	1000 sqmm
Number of Cores	1 Core
Insulation	XLPE
Armour	Armoured
Quantity	8 km
Standard	IEC 60840

### ITEM 2 SPECIFICATIONS: Instrumentation Cable

Cable Type	Instrumentation Cable
Voltage Rating	0.6kV
Conductor Material	Copper
Cross Section	1.5 sqmm
Number of Cores	6 Core
Insulation	PVC
Armour	Armoured
Quantity	2 km
Standard	IS 1554

### Tests for Item 1: EHV Cable 220kV

#### **Routine Tests:**

1. Insulation Resistance Test (XLPE EHV) as per IS 10810

#### **Type Tests:**

1. High Voltage Test (EHV) as per IEC 60840
2. Water Immersion Test (HT/EHV) as per IEC 60502
3. Partial Discharge Test (EHV) as per IEC 60840

### 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: ONLINE PORTAL REGISTRATION & SUBMISSION

Bidders must register on the e-procurement portal within the registration window and submit bid documents online.

#### REGISTRATION WINDOW:

Registration Opens: 11 March 2026

Registration Closes: 18 April 2026

#### Portal URL:

<https://eprocure.gov.in>

#### Tender URL:

<https://eprocure.gov.in/tender/GOV-115>

#### Steps to Submit:

1. Register on portal BEFORE registration window closes
2. Login with your credentials
3. Search for tender: GOV-115
4. Download tender documents
5. Upload technical and commercial bids
6. Submit before due date

#### DEADLINE REMINDER

All bids must be received before: 25 April 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