

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

Estimated Budget: INR 4,25,23,000 **Contact:** cables@mpptcl.mp.gov.in
Bid Due Date: 25 April 2026 at 05:30 pm **Phone:** +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

SECTION 2: TESTING REQUIREMENTS

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.

SECTION 3: BID SUBMISSION INSTRUCTIONS

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.

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