



प्रसारभारती / PRASAR BHARATI  
भारतीयलोकसेवाप्रसारक/ INDIA'S PUBLIC SERVICE BROADCASTER  
अपरमहानिदेशक(अभि.)(द.क्षे) कार्यालय/ O/O. ADDL. DIRECTOR GENERAL (E)(SZ)  
आकाशवाणीएवंदूरदर्शन / ALL INDIA RADIO & DOORDARSHAN  
स्वामीशिवानंदासालै, चेन्नई / SWAMY SIVANANDA SALAI, CHENNAI - 600 005.



सत्यम् शिवम् सुन्दरम्

F.No. J-11014/4/2026-DD PROJ-ADG(E)-(SZ) E. 341906

Dt: 29.06.2026

Sub: Extension of Date of submission of Budgetary quote request for Supply of HT/LT Power Supply Cables for GDDRC, Hyderabad **from vendors / OEM -Reg.**

Ref: F.No. J-11014/4/2026-DD PROJ-ADG(E)-(SZ) E. 341906, dt. 19.06.2026

Sir/Madam,

With reference to File no referred above in reference, the date of submission of Budgetary quote for Supply of HT/LT Power Supply Cables for GDDRC, Hyderabad from vendors / OEM **is extended upto 02.07.2026**

Hence, the budgetary quote may kindly be provided by email to **tvproject\_sz@yahoo.com** on or before **02.07.2026**.

Encl: Technical Specification for supply of LT/HT Power Supply Cables

भवदीय /Regards,

*J. Nalini*  
29/6/2026

टी / नलिनी.T.Nalini,

उप महानिदेशक (अभि) / DDG(E)

कृतेअपरमहानिदेशक (प्र.सं.)(द.क्षे) / for ADG(BO)(SZ)

**Specification for Supply of HT/LT Power Supply Cables for  
DOORDARSHAN,GDDRC Project, Hyderabad.**

**120 SQ.MM, 11kV, 3 CORE, XLPE ARMOURD ALUMINIUM HT CABLE:**

Sl. No.	Technical Parameter	DD's Requirement	Tenderer's offer
1	Size (Cross Sectional Area)	120 Sq.mm	
2	Insulation Type	XLPE	
3	Insulation Thickness	5.50 mm (approx.)	
4	Armour Type	Flat Strip	
5	Minimum Inner Sheath Thickness	0.70 mm (approx.)	
6	Nominal Armour Strip Dimension	4 x 0.80 mm	
7	Minimum Outer Sheath Thickness	2.52 mm (approx.)	
8	Overall Diameter of Cable	65 mm (approx.)	
9	Conductor Resistance	0.325 Ohm / Km (approx.)	
10	Reactance of Cable at 50 Hz	0.112 Ohm/ Km (approx.)	
11	Capacitance of Cable	0.23 $\mu$ F/ Km (approx.)	
12	Current Rating (Ground/Duct/Air)	220/190/260 Amps	
13	Short Circuit Current for 1sec Duration	12kA	

**180 SQ.MM 4 CORE, 415V, XLPE ARMOURD ALUMINIUM LT CABLE:**

Sl. No.	Technical Parameter	DD's Requirement	Tenderer's offer
1	Size (Cross Sectional Area)	180 Sq.mm	
2	Insulation Type	XLPE	
3	Insulation Thickness	1.60 mm (approx.)	
4	Armour Type	Flat Strip	
5	Minimum Inner Sheath Thickness	0.50 mm (approx.)	
6	Nominal Armour Strip Dimension	4 x 0.80 mm (approx.)	
7	Minimum Outer Sheath Thickness	2.04 mm (approx.)	
8	Overall Diameter of Cable	48 mm (approx.)	
9	Conductor Resistance at 90° C	0.211 Ohm / Km (approx.)	
10	Reactance of Cable at 50 Hz	0.072 Ohm / Km (approx.)	
11	Capacitance of Cable	0.29 $\mu$ F/ Km (approx.)	
12	Current Rating (Ground/Duct/Air)	282/238/329 Amps	
13	Short Circuit Current for 1sec Duration	18kA (Approx.)	

**240 SQ.MM 4 CORE, 415V, XLPE ARMOURD ALUMINIUM LT CABLE:**

Sl. No.	Technical Parameter	DD's Requirement	Tenderer's offer
1	Size (Cross Sectional Area)	240 Sq.mm	
2	Insulation Type	XLPE	
3	Insulation Thickness	1.70 mm (approx.)	
4	Armour Type	Flat Strip	
5	Minimum Inner Sheath Thickness	0.60 mm (approx.)	
6	Nominal Armour Strip Dimension	4 x 0.80 mm (approx.)	
7	Minimum Outer Sheath Thickness	2.20 mm (approx.)	
8	Overall Diameter of Cable	54 mm (approx.)	
9	Conductor Resistance at 90° C	0.162 Ohm / Km (approx.)	
10	Reactance of Cable at 50 Hz	0.072 Ohm / Km (approx.)	
11	Capacitance of Cable	0.31 $\mu$ F/ Km (approx.)	
12	Current Rating (Ground/Duct/Air)	327/276/392 Amps	

13	Short Circuit Current for 1sec Duration	23kA (Approx.)	
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**Schedule of Requirements:**

<b>Sl. No.</b>	<b>Cable Size</b>	<b>Cable Requirement</b>
1	120sqmm, 11KV, 3C Armoured HT XLPE Aluminium Cable	<b>270 Meter</b>
2	240 Sqmm, 415V, 4C Armoured LT XLPE Aluminium Cable	<b>300 Meter</b>
3	180 Sqmm 415V, 4C Armoured LT XLPE Aluminium Cable	<b>100 Meter</b>

**Terms and Conditions:**

1. **Rate should be quoted with GST**
2. **Preferable Make of the Cables: Havell's / Finolex**
3. **Insurance , Transportation and unloading charges to be quoted separately If any.**
4. **Cables should be delivered to Doordarshan, GDDRC, L.B. Nagar, Chintalakunta, Hyderabad only in cable bobbin/drum.**