

Amendment 1**GTP - LT POWER CABLES.**

Sr. No.	Description	Fill in only the blank parts in GTP
1.	Cable Size:	1 C x 50 mm²
2.	Cable shall be manufactured and supplied conforming to IS: 1554 (P-I) 1988 with latest amendment if any and GETCO's Specification.	WE CONFIRM
3.	Cable shall be ISI Marked.	WE CONFIRM
4.	ISI License shall be valid till completion of order	WE CONFIRM
5.	Color of Outer Sheath :	Yellow
6.	Conductor	
	(a) Form of Conductor:	
	(b) Material: (Shall be as per IS: 8130-2013 with Latest amendments)	EC Grade High conductivity copper conductor, Class-2
	(c) Number of strands:	19 min.
	(d) Min. diameter of each strand:	
	(e) Min. cross sectional area of conductor (sq. mm.) :	50sq.mm. Min
	(f) Maximum Conductor Resistance at 20°C	0.387 Ohm/KM
7.	Core Insulation type –	PVC, Type - A
8.	Volume resistivity of Insulation: (a) At 27°C – (min) (b) At 70°C – (min)	1 x 10 ¹³ Ohm – Cm 1 x 10 ¹⁰ Ohm – Cm
9.	Thickness of Insulation:	
	Nominal	1.70 mm
	Minimum	1.43 mm
10.	Armouring	
	(a) Material & Type (As per IS 3975 with Latest Amendments)	Galvanized Steel strip
	(b) Min Diameter Of Armour Wire – mm.	
	Nominal	0.85 X 4
	Minimum	0.80 X 4
	(c) Dia. over armour (mm)	
	(d) Tensile strength (N/mm ² , Min)	
	(e) Elongation in % (Min)	
	(f) % Coverage of armour (90%(Min)	
	(g) Maximum DC Resistance for Armor at 20°C for Strip	
11.	Outer Sheath type:	PVC, Type - ST-1
12.	Thickness of Outer Sheath: Minimum	1.40 mm (Min.)
13.	Tensile Strength of Insulation and Sheath :	12.5 N/mm ² (Min.)
14.	Elongation at break of Insulation and Sheath :	150 % (Min.)
15.	Overall Diameter of Cable with tolerance	
16.	Current Rating:	

Signature of the Bidder: _____

Name : _____

Designation: _____

Date: _____

Authorised common rubber

Stamp / seal of the bidder: _____

	Continuous Current Rating Laid in Ground (A)	
	Continuous Current Rating Laid in Air (A)	
17.	Recommended minimum bending radius -	12 TIMES OF CABLE DIAMETER.
18.	Weight of finished cable (KG/MTR)	
19.	Safe pulling force (KN)	
20.	Packing shall contain only one length.	WE CONFIRM
21.	Packing material Wooden drum as per IS: 10418 / 1982 duly painted as per Cl. No. 11 of Tender Specification & as per Annexure II of GETCO Specifications.	WE CONFIRM
22.	Following shall be embossed on every meter length of Cable. (a) GETCO E-(Mention Tender No), 1100 Volts (b) Trade Mark (c) Size of Cable (d) Month & Year of Manufacture (e) IS Number (f) Length – Mtrs- Sequential meter marking cable	WE CONFIRM
23.	The ends of the cable shall be sealed by :	Non-hygroscopic sealing material.
24.	Standard Drum Length –	500 \pm 5% mtrs.

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Authorised common rubber
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