

Reply to Technical and Commercial Pre-Bid Queries				
Tender No TPSODL/OT/2021-22/023				
Package Name:- Rate Contract for Supply of LT AB cables for the period of one year.				
Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPSODL Response
1	2	3	4	5
1	4.B.(16.a.vii) 4.D.(16.a.vii) 4.E.(16.a.vii)	Messenger wire Short circuit rating for 1 sec	Short circuit rating for 1 sec is not applicable for messenger conductor, hence this clause is not applicable. Please confirm	Please follow as per specification. Short circuit rating for messenger wire for 1 sec is applicable here.
2	4.E.14. b) ii)	Nominal thickness mentioned as 1.5 mm	As per IS 14255, 1.2 mm nominal thickness applicable for 35 sq mm. hence please confirm whether we need to consider 1.5 mm or 1.2 mm nominal thickness. Also please confirm insulation material reference standard for properties.	Although in IS it is 1.2mm for 35 sqmm, but for this size, we have decided to go for 1.5mm for better insulation.
3	5.2.5	Insulation properties	For XLPE insulation material all testing/properties applicable as per IS 7098-1 & IS 14255 only (material standard as mentioned in relevant specification clause).	ACCEPTED : Insulation properties shall be as specified in clause no 5.2 complete
4	7.0	All Routine/acceptance tests shall be witnessed by representative	Only acceptance test will be in witness category, if required. For routine test only certificate will provide for review, if required.	All Type tests, Acceptance tests & Routine tests to be conducted as specified in tender document & as per IS 14255. Tests will be witnessed by TPSODL Representative, as per tender specification
5	5.4 Neutral core identification	Neutral core identification	For Neutral core: At every half meter of cable length: Printing of 'N' code, without ridge applicable. Please confirm	This is critical, neutral core identification marking as "N" must be very clearly identifiable & large enough to see through naked eye. AS per specification in tender document, For neutral core identification non-contact type laser printing or ink jet printing to be provided with 'N' printed on it at every span of 1 ft

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6	Clause 5.5	Laying of cores	Lay length applicable as per IS 14255	Cores shall be laid up with a right-hand lay, and shall have a lay length not exceeding $28(d_1+d_2)$ , where; $d_1$ is the core diameter, including sheath, in mm. $d_2$ is the diameter of the messenger, including the outer protective covering where applicable, in mm.
7	7.(A).c.vi	Carbon black content & dispersion	This test is under consideration, hence this test not applicable. Please confirm	Type test :- Carbon black Content & Dispersion are APPLICABLE.
8	For LT-ABC Cables	Embossing Details:- any one phase of	PARAMOUNT CABLES, ELECTRIC-YEAR OF MFG., VOLTAGE GRADE, NO.OF CORES & SIZE OF CABLE IN SQ.MM., "XLPE 90" & "Property of TPSODL". At every 1 meter distance. Please Confirm	EMBOSSING REQUIRED : Property of TPSODL MANUFACTURER NAME, ELECTRIC-YEAR OF MFG., VOLTAGE GRADE, NO.OF CORES & SIZE OF CABLE IN SQ.MM., "XLPE 'Size of Cable(Eg - 50 for 50 sqmm & 90 for 90 Sq mm etc)' " at every 1 meter distance
9	4.D.(20)	Continuous current rating in air at 40 Deg.C = 200	Continuous current rating in air at 40 Deg.C of Aluminium Conductor is 145 Amps. Please confirm	Continuous current rating in air at 40DegC (RYBN/Messenger) shall be 149 Amps for LT AB Cable of Size 4Cx50 mm <sup>2</sup> (P)+1Cx50 mm <sup>2</sup> (M)+1CX16 mm <sup>2</sup> (Street Light).
10	NIT No. TPSODL/OT/21-22/023, Clause No. 7.2, Pg no.13	Delivery :The cable shall be delivered within 45 days from the placement of RO	Delivery : 90 days from the date of issue of RO	No Change
11	Tender Documents / Clause no. 7.3 Payment Terms / Page no.14	The payment shall be released within 45 days from the date of submission of certified bills/ invoices.	The payment shall be released within 30 days from the date of submission of certified bills/ invoices.	No changes