

**Pre-Bid Queries: " Rate Contract for supply of LT XLPE Power Cables (1.1 KV AL Armoured) "
(Tender no. - TPCODL/ P&S/ 100000135/ 2021-22)**

S No	Page No.	Tender Clause	Content of the Clause	Bidder Query	TPCODL Reply
1			Period- Rate Contract for a period of Two (02) Years	PLEASE DECREASE THE Rate Contract PERIOD OF 2 YEARS & make it for 1 year	There will be Rate Contract for 1 Year. Please check Corrigendum - 1 of this tender.
2			ORDER FINALISATION	ORDER FINALISATION IS ITEMWISE OR TOTAL PACKAGE WISE	The bids will be evaluated commercially on overall lowest cost in line itemwise basis as calculated in revised Schedule of Items [Annexure I]. Please check Corrigendum - 1 of this tender.
3	06 of 143	1.7) 2.	Bidder should have supplied 400 km of cable (of 10 sq.mm size and 1.1 KV voltage or higher) during last 5 years from the date of opening of technical bid.	Can we submit 400 km supply during last 5 years of 3.5 core with 10 sq mm or higher sq mm cable.	Noted
4	07 of 143	2.1	Price Variation Clause: The prices shall remain FIRM during the entire contract period.	We request to TPCODL kindly amend this clause on variable price basis as per IEEMA Circular because it is very much difficulty to quote the prices on FIRM basis for two years Rate Contract at this unstable market of Raw Material	To be Complied as per tender

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5	31 of 143	5.0 C Core Identificat ion	(i) Insulation colour: Black for all cores (ii) Core colour: embedded & extruded bright coloured line of XLPE for phases: 'red' for R phase, 'blue' for B phase, 'yellow' for Y phase, shall not be exceeding depth of 50% of insulation thickness. Width to be specified by bidder. (iii) For neutral, as core is already black, extruded line is not required.	we will give you as per is 7098 (part-1) 1988, insulation colour is... 1) single core:- neutral white or black 2)two core:- red & black 3)three core:- red, yellow & blue 4)three and half core & four Core:- red, yellow, blue And Black	Specification to be complied.
6	32 of 143	5.0 E. 2	It shall comply with the requirements of IS 3975 along with latest amendments. Hot dipped galvanizing layer shall be uniform on low carbon annealed steel wires. Zinc coating shall be heavily coated as per IS 4826:1979. Diameter of GI wires shall be as per Table no.6 of IS 7098 part 1.	But as per IS 3975:1999 Zinc Coating shall be Medium coated as per IS 4826. (Please Clarify)	Noted

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S No	Page No.	Tender Clause	Content of the Clause	Bidder Query	TPCODL Reply																								
7	32 of 143	5.0 E. 4	<p>Approx. Armour Short circuit rating of armour for 1 sec (kA)</p> <table border="1"> <thead> <tr> <th>Area</th> <th>-----</th> <th>SC Rating</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>-----</td> <td>1.88</td> </tr> <tr> <td>16</td> <td>-----</td> <td>2.54</td> </tr> <tr> <td>25</td> <td>-----</td> <td>3.17</td> </tr> <tr> <td>50</td> <td>-----</td> <td>4.22</td> </tr> <tr> <td>95</td> <td>-----</td> <td>6.97</td> </tr> <tr> <td>150</td> <td>-----</td> <td>10.98</td> </tr> <tr> <td>300</td> <td>-----</td> <td>19.26</td> </tr> </tbody> </table>	Area	-----	SC Rating	10	-----	1.88	16	-----	2.54	25	-----	3.17	50	-----	4.22	95	-----	6.97	150	-----	10.98	300	-----	19.26	<p>The value of short circuit rating of armour specified in this clause is higher than the value achieved by consideration of IS standard armour size & conductor material itself is not suitable to carry this higher short circuit current.</p> <p>6.97 KA for 1 sec, is practically not possible, even with 98% coverage, can we mention rating based on 90% armour coverage</p>	To be Complied as per IS
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8	34 of 143	7.0 (A) 2	Conductor water penetration test (For conductor size - 150 sq.mm. and above)	The Type test report for conductor water penetration test as ICEA T-31-610 for Subject Tender is not available with us. In the event of order, we will perform the Type Test in our In-house Laboratory & the Time Duration for Complete the type test is Approx. 15 Days after completion of cable manufacturing.	Noted																								
9	41 of 143	Annx-1 Sl. No. 2	Test for non-conductivity of water swellable tape/yarn of conductor (For conductor size : 150 sq.mm. and above)	This tape/yarn used only HT cable can you please confirm this	Specification to be complied.																								
10	41 of 143	Annx-1 Sl. No. 18	Adhesion test	this test should be perform in HT cable, Please confirm this	Specification to be complied. Adhesion test for galvanized wire is prescribed in IS 3975 irrespective of voltage level.																								