



Response to Pre-Bid Queries

Tender Enquiry No. TPNODL/OT/2500000030/22-23

Tender Description: Rate Contract for supply of various size of LT Cable at TPNODL.

S. No.	Parameter	Tender Reference	Bidder's Pre-Bid Query	TPNODL's Response
1	ANNEXURE I Schedule for Item, Page-16, Sr.No.6	CABLE 1.1KV AL 4CX240 SQMM XLPE ARM	Two different technical specification provided one for common & one for Water Tight conductor. So, which one we should follow.	CABLE 1.1KV AL 4CX240 SQMM XLPE ARM should be watertight conductor
2	ANNEXURE I Schedule for Item, Page-16, Sr.No.7	CABLE 1.1KV AL 4CX185 SQMM XLPE ARM	Technical Specification attached for HT cable 4CX185. Please provide TS for 4CX185 1.1 KV cable	Kindly consider TPNODL-ENG-ELC- 034 for LT 4CX185 sqmm XLPE arm.
3	ANNEXURE I Schedule for Item, Page-16, Sr.No.11	CABLE 1.1KV 1CX35 SQMMXLPE UNARM	Two different GTP provided in TS one for armored & another for un-armored. Dry curing process mentioned for LT un-armored XPLE cables but Dry curing process only applicable for HT cables. We will provide insulation by Sio plus / Self curing for LT cables.	OK
4	Annexure-I Revised Schedule for Item,Page-1, Sr.No.1	CABLE 1.1KV AL 1Cx150 SQMM XLPE ARM	As per revised BOQ in corrigendum cable will be armored cable but common TS is for single core un-armored cable. So please attach TS for single core armored cable. May be consider common TS for armored cable with 90% armour coverage of hard drawn round alluminium wire armouring.	OK
5	ANNEXURE I Schedule for Item, Page-1, Sr.No.7	CABLE 1.1KV AL 4CX185 SQMM XLPE ARM	This size is not included in common TS (Spec. of 1.1 kv power cable). If we will follow this common TS. May be consider armour short circuit current with consideration of 90% armour coverage.	OK
6	5) GENERAL TECHNICAL	It shall comply with the requirements of IS 3975 along	But as per IS 3975:1999 Zinc Coating shall be Medium coated as per IS 4826.	Comply as per TPNODL specs



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	REQUIREMENT ((E) Armour (For multi-core cable only)) (2- Compliance to Standard)	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.	(Please Clarify)	
7	GENERAL TECHNICAL REQUIREMENT ((E) Armour (For multi-core cable only)) (4)	Approx. Armour Short circuit rating of armour for 1 sec (kA)	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.	Comply as per TPNODL specs
8	7 Conductor water penetration test (For conductor size - 150 sq.mm. and above)	Water penetration test on conductor	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.	Comply as per TPNODL TS
9	Revised Schedule for Item	CABLE 1.1KV AL 1Cx150 SQMM XLPE ARM	Reconfirm whether this size is Armoured or Unarmoured ,if Armoured ,please share the specification	1.1KV AL 1CX150 sqmm XLPE arm should be Watertight Stranded Aluminum
10	Revised Schedule for Item	CABLE CONTROL 1.1KV 2Cx2.5 SQMM UNARM	Reconfirm whether this size is Armoured or Unarmoured ,if Unarmoured ,please share the specification	1.1KV 2Cx2.5 sqmm conductor should be unarm.
11	Revised Schedule for Item	CABLE 1.1KV 1CX185 SQMM XLPE UNARM	Please confirm Conductor Material	Aluminum



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12	Revised Schedule for Item	CABLE 1CX95 SQMM XLPE UNARM	Please confirm Conductor Material	Aluminum
13	Revised Schedule for Item	CABLE 1.1KV 1CX35 SQMM XLPE UNARM	Please confirm Conductor Material	Aluminum
14	Revised Schedule for Item	CABLE 1.1KV AL 1CX50 SQMM XLPE UNARM	Please confirm Conductor Material	Aluminum
15	III. CORE IDENTIFICATION	<p>4C Cable: Property of TPNODL – Not to be reproduced without permission of TPNODL</p> <p>III. CORE IDENTIFICATION</p> <p>4C Cable</p> <p>(i) Insulation colour: Black for all cores</p> <p>(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.</p> <p>(iii) For neutral, as core is already black, extruded line is not required.</p>	<p>Can we provide with coloured cores as per IS Standard? Eg. 'Red, Yellow, Blue & Black' for 4 Cores & Red & Black for 2 Core</p>	Comply as per TPNODL TS

The pre-bid queries as received against the referred tender enquiry and TPNODL's responses on the same are placed below:

Note: - This document shall form an integral part of tender and should be submitted along with the tender document.