



Ref: TPCODL/P&S/ 100000041/2021-22 /Corrigendum/003

Dated: 5th June 2021

Sub: Corrigendum-3 to Open tender number TPCODL/P&S/ 100000041/2021-22 read with earlier Corrigenda 1&2 for Rate Contract for Supply of Different Size LT Aerial Bunched Cable

With reference to above the bidder are intimated to note the following intimations:

- I. TPCODL is sharing replies to Pre-Bid queries raised by all the bidders seeking clarification before the deadline date as mentioned in Event Calendar of Tender Document No. TPCODL/P&S/ 100000041/ 2021-22 and Corrigendum of the Tender. The replies to Pre-bid queries is attached as Annexure-1 to this Corrigendum**

Note:

- I. All other terms and conditions of the above tender will remain same**

**By Order
Chief-Procurement & Store, TPCODL**



ANNEXURE – I – Replies to Pre-Bid Queries

Sr. No.	Detailed Reference to concerned Document	Description as per Bid Document	Remarks - Query / Clarification / Deviation	TPCODL RESPONSE
1	4.B.(15.a.vii) 4.C.(15.a.vii) 4.E.(15.a.vii) 4.F.(15.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.B.(15.a.vi) 4.C.(15.a.vi) 4.E.(15.a.vi) 4.F.(15.a.vi)	Shape of messenger wire	Stranded compacted Circular or Stranded Circular. Please Clarify	Clarification: STRANDED COMPACTED CIRCULAR
3	4.B.14.a. iii)	Minimum number of wires/diameter	Number of wire will be 19 & diameter of strands shall be such as to meet conductor resistance requirement. Please confirm this instead of 18/2.23 mentioned in specification.	Please consider minimum number of wires/ diameter as 18/2.23, for 70sqmm, as specified in tender specification. Also, ensure DC resistance of the conductor at 20 deg as 0.443 ohm/km, as already specified.
4	4.F.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.
5	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 5.2 complete.



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6	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 TPCODL Representative, as per tender specification.
7	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.
8	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.
9	7.(A).c.vi	Carbon black content & dispersion	This test is under consideration, hence this test not applicable. Please confirm	Type test , Carbon black 1.Content. 2. Dispersion are APPLICABLE.
10	CLAUSE NO 15 OF GENERAL TECHNICAL REQUIRERMENT	MESSENGER WIRE	PLEASE CONFIRM WHERE MESSENGER WIRE IS INSULATED OR NOT	BARE MESSENGER WIRE, not insulated



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11	For LT-ABC Cables	Embossing Details:- any one phase core	MANUFACTURER NAME, ELECTRIC-YEAR OF MFG., VOLTAGE GRADE, NO. OF CORES & SIZE OF CABLE IN SQ.MM., "XLPE 90". Kindly confirm	EMBOSSING REQUIRED : Property of TPCODL MANUFACTURER NAME, ELECTRIC-YEAR OF MFG., VOLTAGE GRADE, NO.OF CORES & SIZE OF CABLE IN SQ.MM., "XLPE 90". At every 1 meter distance.
12	2.1 of Tender Notice Price Variation	Prices shall remain Firm during the entire contract period	Please allow Price Variation instead of Firm price as the present market condition where the prices of major raw materials like Aluminium, Alloy & XLPE are on ever time high and the upward trend is going on resulting unprecedented rise in the price. Distribution companies of Tata Power at Delhi, NESCO, WESCO and SOUTHCO adopted the IEEMA PV formula to neutralize the market fluctuation in the interest of both the buyer and supplier.	The price shall remain firm and fixed prices for 1 year. Bidders need to quote accordingly.
13	ENG-LV-007 / 4.C.15.VII and 4.C.22 / 8 of 10 (Page 80 of 143 of TPCODL.pdf Specification)	Short circuit rating for 1 sec (of Earth cum Messenger Wire of size 95 sq.mm) = 6.58 kA	It must be 9.0 kA	ACCEPTED : Short circuit rating for 1 sec (of Earth cum Messenger Wire of size 95 sq.mm) = 9 KA is OK
14	ENG-LV-007 / 4.E.15.VII / 11 of 10 (Page 84 of 143 of TPCODL.pdf Specification)	Short circuit rating for 1 sec (of Earth cum Messenger Wire of size 50 sq.mm) = 6.58 kA	It must be 4.7 kA	ACCEPTED : Short circuit rating for 1 sec (of Earth cum Messenger Wire of size 50 sq.mm) = 4.7 is OK
15	ENG-LV-007 / 4.F.15.VII / 13 of 10 (Page 85 of 143 of TPCODL.pdf Specification)	Short circuit rating for 1 sec (of Earth cum Messenger Wire of size 35 sq.mm) = 4.7 kA	It must be 3.2 kA	ACCEPTED : Short circuit rating for 1 sec (of Earth cum Messenger Wire of size 35 sq.mm) = 3.29 is OK



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16	ENG-LV-007 / 4.F.14.b.II / 13 of 10 (Page 85 of 143 of TPCODL.pdf Specification)	Nom. Insulation Thickness of 35 sq.mm = 1.5 mm	It must be 1.2 mm	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.
17	ENG-LV-007 / 4.E.19 / 12 of 10 (Page 84 of 143 of TPCODL.pdf Specification)	Continuous current rating in air at 40DegC (RYBN/Messenger) of size 50 sq.mm = 200 Amp	It must be 149 Amp	ACCEPTED : 149 Amp is ok
18	GENERAL		4 CORE CABLE IS NON- STANDARD. WE HAVE CREDENTIALS OF 3 CORE CABLES. CAN WE PARTICIPATE ?	The bidder is allowed to participate based on credentials of 3 core cables, however the bidder has to submit the type test certificates approved from CPRI/ERDA as per the relevant standards within 4-6 weeks from issue of Rate Contract (if awarded), and mandatorily before material is despatched from their premises for TPCODL.