

CORRIGENDUM NO. 04 TO NIT NO. 50361

PROJECT: UPPTCL RASARA (BALLIA) & SHAMLI GIS

Item: MEDIUM VOLTAGE CABLE

**Enquiry No. : 91G2000325 DATED 03 - DEC - 2019 Due on 10-JAN-2020
Extended up to 17.01.2020**

This Corrigendum is issued to extend the techno-commercial bid opening date.

Please ensure that the offer submission latest by 02:00 PM on 17- JAN – 2020.

अर्चना कुमारी (उप प्रबंधक / सामग्री प्रबंधन)

CORRIGENDUM -1

Document Title: TECHNICAL SPECIFICATION for 1Cx630 Sq. mm., 19/33kV(E), Copper Conductor, XLPE insulated, Armoured, FRLS PVC outer sheath Power Cable

Doc no. TB-406-316-19, rev.00

Project: UPPTCL SHAMLI & RASARA (BALLIA)

In addition to Technical specification requirement as per above mentioned document, following technical requirements are also to be incorporated:

ANNEXURE-1

General Technical requirements:

1. The HV (6.6kV to 33kV) power cables shall withstand without damage a 3-phase fault current of 40kA (rms) for at least 0.12 second, with an initial peak of 110kA in one of the phases, when insulation screens are insulated at one end.
2. The armour for XLPE insulated power cables shall be capable of carrying 45kA for at least 0.12 seconds without exceeding the maximum allowable temperature of PVC outer sheath.

Constructional requirements:

1. The metallic part of insulation screen of each core shall consist of copper tape, which shall be capable of carrying an earth fault current of 300A for at least 2 seconds.
2. Insulation screening: The insulation screening consist of a layer of extruded semi-conducting compound simultaneously with the conductor screening layer and XLPE core insulation. This shall be followed by copper tape. The extruded semi conducting layer shall be strippable.

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(M.S. PUNDIR)

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