# Clarification to Tender Notification CSO/20/AB Cable dtd.10/06/09. Last date of submission of Bid opening; 29.06.09

Following clauses of above tender may be read as follows.

1. Page no. 26, 27 of 49, clause-6-ǿConductorâ: To be read as stated below.

**6.0 CONDUCTORS:**

**Phase & street light conductor**

The phase & street light conductors shall be of multi-stranded H2 or H4 grade aluminum of compacted circular cross section. The aluminum shall comply with IS 8130:1984.

**FOR PHASE AND STREET LIGHT CONDUCTOR**

| SL NO | SPECIFIED CROSS SECTIONAL AREA | NO OF STRANDS | NOMINAL DIA OF EACH STRANDS | OVERALL DIA OF CONDUCTING PART OF THE COMPACTED CONDUCTOR | MAX DC RESISTANCE | NOMINAL INSULATION THICKNESS |
|---|---|---|---|---|---|---|
| 1 | 16 | 7 | 1.7 | 4.5 | 1.91 | 1.2 |
| 2 | 25 | 7 | 2.14 | 5.6 | 1.2 | 1.2 |
| 3 | 35 | 7 | 2.55 | 6.7 | 0.868 | 1.2 |
| 4 | 50 | 7 | 3.05 | 8.1 | 0.641 | 1.5 |
| 5 | 95 | 19 | 2.55 | 11 | 0.32 | 1.5 |

**Messenger (Bare neutral conductor)**

The messenger conductor shall be of multi-stranded circular Aluminum Alloy conforming to IS 398 (Part 4) – 1994 & which shall be of heat treated aluminum magnesium silicon alloy wires containing approximately 0.5% each of magnesium and silicon respectively. The bare Neutral conductors shall be flexibility class 2 of IS: 8130:1984.

There shall be no joints in any wire of the messenger conductor except those made in the base rod or wire before final drawing. The direction of outer layer of wires in messenger conductor shall be right hand.

**FOR MESSENGER CONDUCTOR**

| SL NO | SPECIFIED CROSS SECTIONAL AREA | NO OF STRANDS | NOMINAL DIA OF EACH STRANDS | MAX DC RESISTANCE Ohm/Km |
|---|---|---|---|---|
| 1 | 25 | 7 | 2.14 | 1.38 |
| 2 | 35 | 7 | 2.55 | 0.986 |
| 3 | 50 | 7 | 3.05 | 0.689 |
| 4 | 70 | 7 | 3.6 | 0.492 |

2. Page no 28 of 49, clause no. 9 (10.05).: To be read as the carbon black content in the XLPE insulation should be between 2 & 3 %.
3. Any other clarification if required will be published in this page.