

WESTERN ELECTRICITY SUPPLY COMPANY OF ORISSA  
**WESCO**

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VOLUME- II

(Tender Specification: WESCO/CEO/019)  
GROUP-D

[Detail Scope of Supply]  
ANNEXURE

Date: 11.09.2007

**WESTERN ELECTRICITY SUPPLY COMPANY OF ORISSA**  
**WESCO**

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**TENDER DOCUMENT FOR**  
**GROUP- D ITEMS**

**SPECIFICATION FOR GROUP-D ITEMS**

<b>LT XLPE 3 &amp; ½ Core Cable</b>	<b>Quantity</b>
LT XLPE insulated Power cable with stranded Aluminium conductor, inner & outer PVC sheathed suitable for working voltages upto & including 1100 volts & Conforming to IS: 7098 (Part-I)/1988 with upto date amendments if any & other related standards indicated therein of the following size. The Aluminium Conductors will comply to IS: 8130/1984.	
Size: 3 & ½ Core 70 sqmm (Flat Steel strip Armoured)	2000 Mtr
Size: 3 & ½ Core 95 sqmm (Flat Steel strip Armoured)	600 Mtr
Size: 3 & ½ Core 120 sqmm (Flat steel strip Armoured)	3500 Mtr
Size: 3 & ½ Core 185 sqmm (Flat steel strip Armoured)	100 Mtr

<b>LT XLPE Cable 1 Core</b>	<b>Quantity</b>
LT XLPE insulated Flat Steel Strip Armoured Power cable with stranded Aluminium conductor, inner & outer PVC sheathed suitable for working voltages upto & including 1100 volts & Conforming to IS: 7098 (Part-I)/1988 with upto date amendments if any & other related standards indicated therein of the following size. The Aluminium Conductors will comply to IS: 8130/1984. <p style="text-align: center;"><b>LT 1 Core 120 mm<sup>2</sup>.</b></p>	2500 Mtr

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LT XLPE Cable 1 Core	Quantity
<p>LT XLPE insulated Flat Steel Strip Armoured Power cable with stranded Aluminium conductor, inner &amp; outer PVC sheathed suitable for working voltages upto &amp; including 1100 volts &amp; Conforming to IS: 7098 (Part-I)/1988 with upto date amendments if any &amp; other related standards indicated therein of the following size. The Aluminium Conductors will comply to IS: 8130/1984.</p> <p style="text-align: center;">Size: LT 1 Core 150 mm<sup>2</sup>.</p>	3000 Mtr

11 Kv 185 sqmm 3 Core XLPE Cable	Quantity
<p>11 kv. grade Stranded Aluminum Conductor, Conductor Screen by semi conducting compound, XLPE insulated, insulation screen by semi conducting compound armored and overall PVC sheathed cable conforming to IS- 7098 (pt. II)/85 with up date amendments, suitable for earthed system.</p> <p>Size: 11 Kv. 3 Core 185 mm<sup>2</sup>.</p>	200 Mtr

11 Kv 185 sqmm 1 Core XLPE Cable	Quantity
<p>11 kv. grade Stranded Aluminum Conductor, Conductor Screen by semi conducting compound, XLPE insulated, insulation screen by semi conducting compound armored and overall PVC sheathed cable conforming to IS- 7098 (pt. II)/85 with up date amendments, suitable for earthed system.</p> <p>Size: 11 Kv. 1 Core 185 mm<sup>2</sup>.</p>	600 Mtr

2 Core XLPE Cable 4 sqmm	Quantity
<p>LT XLPE Cable 1.1 kv. grade having stranded Aluminium conductor, XLPE insulated, Cores laid up, inner &amp; outer PVC sheathed conforming to IS : 7098 (Part-I)/1988 of following size. The Aluminium Conductors will comply to IS:8130/1984 (1stRevision)</p> <p>Size :- 2 Core, 4 mm<sup>2</sup></p>	400 Mtr