

WESTERN ELECTRICITY SUPPLY COMPANY OF ORISSA
WESCO

VOLUME- II

(Tender Specification: WESCO/CEO/021)
GROUP-F

[Detail Scope of Supply]
ANNEXURE

Date: 27.09.2008

VOLUME-II DSS	Specification : WESCO/CEO/021, 08-09
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WESTERN ELECTRICITY SUPPLY COMPANY OF ORISSA
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TENDER DOCUMENT FOR

GROUP- F ITEMS

SPECIFICATION FOR GROUP-F ITEMS

LT XLPE 3 & ½ Core Cable	Quantity
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 50 sqmm (Flat Steel strip Armoured)	2686 Mtr
Size: 3 & ½ Core 95 sqmm (Flat Steel strip Armoured)	22 Mtr
Size: 3 & ½ Core 120 sqmm (Flat steel strip Armoured)	3934 Mtr
Size: 3 & ½ Core 150 sqmm (Flat steel strip Armoured)	800 Mtr
Size: 3 & ½ Core 185 sqmm (Flat steel strip Armoured)	2760 Mtr
Size: 3 & ½ Core 240 sqmm (Flat steel strip Armoured)	900 Mtr
Size: 3 & ½ Core 300 sqmm (Flat steel strip Armoured)	2572 Mtr

50 sqmm 2 Core XLPE Cable	Quantity
LT XLPE Cable 1.1 kv. grade having stranded Aluminium conductor, XLPE insulated, Cores laid up, inner & outer PVC sheathed conforming to IS : 7098 (Part-I)/1988 of following size. The Aluminium Conductors will comply to IS:8130/1984 (1stRevision) Size :- 2 Core. 50 mm ²	705Mtr

16 sqmm 2 Core XLPE Cable	Quantity
LT XLPE Cable 1.1 kv. grade having stranded Aluminium conductor, XLPE insulated, Cores laid up, inner & outer PVC sheathed conforming to IS : 7098 (Part-I)/1988 of following size. The Aluminium Conductors will comply to IS:8130/1984 (1stRevision) Size :- 2 Core. 16 mm ²	1000 Mtr

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CONTROL CABLE	Quantity
7 Core, 2.5 mm ² , 1.1 Kv Annealed high conductivity solid copper conductor, PVC insulated galvanised round steel wire Armoured & PVC sheathed Control Cable conforming to IS : 1554 (Part-I)/1988.	1000 Mtr
4 Core, 2.5 mm ² , 1.1 Kv Annealed high conductivity solid copper conductor, PVC insulated galvanised round steel wire Armoured & PVC sheathed Control Cable conforming to IS : 1554 (Part-I)/1988.	2000 Mtr
2 Core, 2.5 mm ² , 1.1 Kv Annealed high conductivity solid copper conductor, PVC insulated galvanised round steel wire Armoured & PVC sheathed Control Cable conforming to IS : 1554 (Part-I)/1988.	1000 Mtr

4 Core XLPE Cable 2.5 sqmm	Quantity
LT XLPE Cable 1.1 kv. grade having stranded Aluminium conductor, XLPE insulated, Cores laid up, inner & outer PVC sheathed conforming to IS : 7098 (Part-I)/1988 of following size. The Aluminium Conductors will comply to IS:8130/1984 (1stRevision) Size :- 4 Core, 2.5 mm ²	500 Mtr

2 Core XLPE Cable 2.5 sqmm	Quantity
LT XLPE Cable 1.1 kv. grade having stranded Aluminium conductor, XLPE insulated, Cores laid up, inner & outer PVC sheathed conforming to IS : 7098 (Part-I)/1988 of following size. The Aluminium Conductors will comply to IS:8130/1984 (1stRevision) Size :- 2 Core, 2.5 mm ²	1000 Mtr

2 Core XLPE Cable 4 sqmm	Quantity
LT XLPE Cable 1.1 kv. grade having stranded Aluminium conductor, XLPE insulated, Cores laid up, inner & outer PVC sheathed conforming to IS : 7098 (Part-I)/1988 of following size. The Aluminium Conductors will comply to IS:8130/1984 (1stRevision) Size :- 2 Core, 4 mm ²	1000 Mtr

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2 Core XLPE Cable 6 sqmm	Quantity
LT XLPE Cable 1.1 kv. grade having stranded Aluminium conductor, XLPE insulated, Cores laid up, inner & outer PVC sheathed conforming to IS : 7098 (Part-I)/1988 of following size. The Aluminium Conductors will comply to IS:8130/1984 (1stRevision) Size :- 2 Core, 6 mm ²	100 Mtr

2 Core XLPE Cable 10 sqmm	Quantity
LT XLPE Cable 1.1 kv. grade having stranded Aluminium conductor, XLPE insulated, Cores laid up, inner & outer PVC sheathed conforming to IS : 7098 (Part-I)/1988 of following size. The Aluminium Conductors will comply to IS:8130/1984 (1stRevision) Size :- 2 Core, 10 mm ²	500 Mtr

11 Kv 50 sqmm 3 Core XLPE Cable	Quantity
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. Size: 11 Kv. 3 Core 185 mm ²	2500 Mtr

33 Kv 70 sqmm 3 Core XLPE Cable	Quantity
33 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. Size: 33 Kv. 3 Core 70 mm ² .	2500 Mtr

33 Kv 95 sqmm 3 Core XLPE Cable	Quantity
33 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. Size: 33 Kv. 3 Core 95 mm ² .	2500 Mtr

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