

WESTERN ELECTRICITY SUPPLY COMPANY OF ORISSA
WESCO

VOLUME- II

**(Tender Specification: WESCO/CEO/023)
GROUP-B**

**[Detail Scope of Supply]
ANNEXURE**

Date: 25.10.2011

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WESTERN ELECTRICITY SUPPLY COMPANY OF ORISSA
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TENDER DOCUMENT FOR
GROUP- B ITEMS

SPECIFICATION FOR GROUP-B ITEMS

11 KV, 200 Amp, 3 Pole Horizontal Type AB Switch	Quantity
11 KV, 200 Amperes , gang operated, single break, horizontally mounted, outdoor type, 3 Phase , 50 Hz A.B Switch having 2 numbers Post Insulators of Reputed make originally cemented per phase Conforming to IS : 9920(Part-I to Part-IV) & IS : 9921 (Part-1)/1981{Reaffirmed 1992}, IS : 9921 (Part-2)/1982{Reaffirmed 1992}, IS : 9921 (Part-3)/1982{Reaffirmed 1992}, IS : 9921 (Part-4)/1985{Reaffirmed 1992} & IS ; 2544/1973 (1st Revision, Amendment-4, Reaffirmed1991) & IS : 2633/1986 (2nd Revision, Reaffirmed 1998).IS : 2629/1985(1st Revision, Amendment 2,	17 No

11 KV, 200 Amp, 3 Pole HG Fuse	Quantity
11 KV, 200 Amperes, 3 Phase , 50 Hz H.G Fuse having 2 numbers 12 Kv Post Insulators of Reputed make per phase originally cemented as per REC Construction standard Conforming to IS : 9385 (Part-1)/1979{Reaffirmed 1992}, IS : 9385 (Part-2)/1980{Reaffirmed 1992}, IS : 9385 (Part-3)/1980{Reaffirmed 1992}, IS : 9385 (Part-4)/1983{Reaffirmed 1992}, IS : 9385 (Part-5)/1983{Reaffirmed 1987} & IS ; 2544/1973 (1st Revision, Amendment-4, Reaffirmed1991) & IS : 2633/1986 (2nd Revision, Reaffirmed 1998).	17 No

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11 KV, 10 KA LIGHTENING ARRESTER	Quantity
<p>11 KV, 10 KA rated Station class gapless type Class II Lightning Arrester suitable for 11 KV, 3 – Phase, 50 C/s system, Pole mounting Conforming to IEC – 99-4 (1991) & relevant ISS & Amendments having the following technical parameters :</p> <p>a) Type : Station class b) No of Unit : One c) Rated Voltage : 12 KV d) Normal Discharge Current in KA : 10 e) Reference Current in Ma : 2.25 f) Reference voltage in Kv r.m.s : 12 g) Protective Ratio : 1.83 h) Max. Continuous operative Voltage in Kv r.m.s : 12 KV. i) High Current impulse withstand in KA : 100 j) Insulation withstand. i) Lightning Impulse (Kv Peak) : 75 ii) P.I dry / wet (Kv r.m.s) : 28</p>	51 No.

N.B: For items of this Group, Type Test report from CPRI or accredited NABL laboratory should be furnished. Same for insulators is to also to be provided.