

WESTERN ELECTRICITY SUPPLY COMPANY OF ORISSA
WESCO

VOLUME- II

(Detailed Scope of Work)
GROUP- AG

(Tender Specification: WESCO/CEO/021)

Date: 27.09.2008

WESTERN ELECTRICITY SUPPLY COMPANY OF ORISSA

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Sl. No.	Specification
1	<p>11 Kv Combined CT-PT Metering Unit, Outdoor, platform/pole mounting type, oil cooled comprising of 1 no. 3 phase PT, and 2 nos. single phase CT's housed in M.S sheet tank, having specification :</p> <p>Accuracy Class : 0.5 Burden for CT : 5 VA C.T Ratio : Ratio as procured . PT Ratio : 11 Kv/110 V Accuracy Class : 0.5 Burden for PT : 15 VA C.T's in conformity with IS: 2705 (Part-I & II)/1992, Second Revision & P.T's in conformity with IS : 3156 (Part – I & II)/1992, Second Revision.</p> <p style="text-align: center;"><u>Additionally, negative (-ve) errors will not be acceptable to us.</u></p>
2	<p>33 Kv Combined CT-PT Metering Unit, Outdoor, platform/pole mounting type, oil cooled comprising of 1 no. 3 phase PT, and 2 nos. single phase CT's housed in M.S sheet tank, having specification :</p> <p>Accuracy Class : 0.5 Burden for CT : 15 VA CT Ratio :- Ratio as procured PT Ratio : 33 Kv/110 V Accuracy Class : 0.5 Burden for PT : 50 VA Nominal System Voltage : 33 Kv (r.m.s) Hiest Syst.Voltage : 36 Kv (r.m.s) Frequency : 50 Hz. Impulse withstand voltage : 170 KVp Power Frequency withstand Voltage :70 Kv (r.m.s) System Earthing : Floating</p> <p style="text-align: center;">C.T's in conformity with IS : 2705 (Part-I & II)/1992, Second Revision & P.T's in conformity with IS : 3156 (Part – I & II)/1992, Second Revision.</p>

Typical Specification of Metering units available at stores

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TENDER DOCUMENT FOR SUPPLY OF
GROUP- AG ITEMS

SPECIFICATION FOR GROUP- AG ITEMS

SL NO.	Repair 11 & 33 KV METERING UNIT	Quantity
1.	Repair of 11 KV Metering Unit so as to confirm the ISS for CT, PT & New Transformer Oil as per IS: 2705 (Part-I & II)/1992(2 nd Revision), IS: 3156 (Part-I & II)/1992(2 nd Revision) & IS: 335/1993 (4 th Revision) as per GTP.11KV "Combined CT-PT Metering Unit" for all ratio	20 no.
2.	Repair of 11 KV Metering Unit so as to confirm the ISS for CT, PT & New Transformer Oil as per IS: 2705 (Part-I & II)/1992(2 nd Revision), IS: 3156 (Part-I & II)/1992(2 nd Revision) & IS: 335/1993 (4 th Revision) as per GTP.11KV "Combined CT-PT Metering Unit" for all ratio	5 no.

- N.B :- 1. Cost may be given as per **FORMAT** provided. In case it is felt that some more items to be added in Format for better performance of the Metering Units, it may be added by the bidders.
2. Additionally Cost of replacement of C.T's & PT's & miscellaneous works to be done for these replacements may also be given.