

TECHNICAL SPECIFICATION :

- 01) **11KV Overhead Line 15M RCC Pole**
15 Meter Spun Pre-Stressed Concrete REB Type pole
- 02) **11KV Overhead Line 18M GI Pole**
18M Galvanized Iron REB Type pole
- 03) **Pin Insulator, Disc insulator, tension clump, P.G. Clump, Channel**
11 Kv Accessories of following specification :-
Rated system voltage : 12kV
Frequency : 50Hz
- 04) **Overhead Earthing Line**
REB Type Per pole Earthing, over head earth hook up with Insulator
- 05) **11KV Pole Earthing**
Earthing Boring :
Earthing of electrical installation with 38.5 mm (1.5") dia G.I. pipe throughly (2 swg earth electrode) having 6.35 mm dia holes across dia at 305 mm interval securedly bonded with washer, nuts, bolts etc. sunk upto a depth of 100 ft with GI Pipe to attain earth resistance <1 ohm including blind socket for water pouring facility.
Earthing Copper Lead :
Installation of solid cooper wire earthing lead 2 SWG in 38.1 mm dia GI pipe & termination of connection at both end - 110ft
Earthing Block :
Dimension LXWXD - 250mm X 40mm X 10mm with connection facility
Copper Lead Laying :
Copper lead through 20 mm (3/4") dia pvc flexible pipe including fitting, fixing the PVC pipe in wall, floor, earth or column complete as require - 10meter
- 06) **11kV Drop-Out Fuse**
11kV Drop -Out Fuse of following specifications :-
Rated voltage (nominal) : 11kV
Rated max. voltage : 15kV
Rated current (conti.) RMS : 40A
Interrupt current RMS : 10kA
Rated frequency : 50Hz
Withstand test voltage :
Dry 1 Min. : 33kV
Wet, 10 sec : 30kV

07) **Lighting Arrestor**

11kV Lighting Arrestor of following specification :-

Rated voltage (Nominal)	: 9kV
Rated system voltage	: 12kV
Frequency	: 50Hz
Minimum spark over (Rms)	: 14kV
Maximum spark over (Rms)	: 40kV
Max. impulse spark (crest)	: 45kV
Withstand voltage (Power frequency 1 Min. dry)	: 28kV
Withstand voltage (Power frequency 10 sec. wet)	: 24kV
Nominal discharge current	: 5kA
Impulse current withstand	: 55kA

08) **11 KV Isolator (For H Pole)**

11 Kv Isolator of following specification :-

Rated system voltage	: 12kV
Frequency	: 50Hz


20.9.020

