

66kV XLPE Cable System- List of Special Tool & Tackles for EHV Cable Laying Work under Cable laying contractor's scope:

1. Cable Drum Stand suitable for EHV Cable Drums Jack (Hydraulic), capacity 10-15ton and Iron solid Shaft 150mm dia X 2.5 to 3 mtr, Rubber mat 2.5mX3m may use to touch ground cables below drum, wooden battens may use as drum stopper.



STEEL WIRE ARMoured CABLE JACKS



2. Motor driven winch machine 5 to 10 Ton capacity (prefer with load controller/load recording facility)

2.1: Man lifter for handling cabling work at heightened platform



Ramp Rollers, HDPE pipes.



3. Cable Rollers (Aluminium) 200Nos. Suitable for EHV cable Laying Cable OD 70-200 mm, required to provide every 2/3 meter in cable laying trench / route.





4. Bend Rollers.



5. Pulley: May used for cable lifting in raise or cable shaft



6. Cable Pulling swivel, Socks, Suitable to fixed with cable pulling ceiling



7. PP rope 20mmdia (100mtr 4 Nos.)
8. Hard Barricades to protect working area to avoid any mis happening.
9. De-watering pump (Portable, if required)
10. Portable generator 3KW
11. Power Hacksaw / cutter.



12. Pulling Tirfor equipment.



13. Drilling Machine (Hammer).



14. Complete tool box.



15. 45-50mm MS pipe and scaffolding clamp (qty. as per site condition/requirement)

List for Testing & Commissioning Equipment's (with Calibration certificate)

1. Megger 5KV
2. DC High Voltage Test Set (0-15KV)



3. Insulation resistance tester / Multi meter.



4. Power Supply / Portable Generator.
5. Tester, Continuity tester.
6. Tool box.

List for Jointing & Termination Work for EHV UG Cable

1. Chain Block 1 Ton, 4 nos.



2. Chain Block 5 Ton, 2 nos.



3. Body Puller 1 set



4. Body Expansion kit 1 set



5. Stripper 1 set



6. Gas Torch Set 1set



7. Spanner Box 1 set



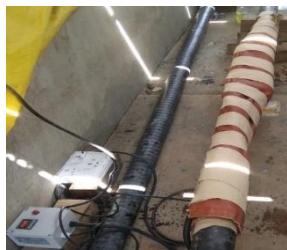
8. Misc. tools kit 1 set



9. Drill Machine 1 set with drill bits



10. Heater 1450 watt with controller



11. Allen key set



12. Torque ratchet



13. Sprit Level



14. Measurement scale wooden



15. Vernier Callipers.



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