

Technical specification:

Cable set
Cable Suitable to PRT : 140 nos (40 meters 110 rolls and 80 meters 30 rolls)
The specified cable to be of length 40 meters and 80 meters rolls.
Quantity Required: 34000 meters (consisting of 05 sets)
1) 4 Core copper Lead wire
2) Each core consisting of seven copper strand (twisted) each of 0.2mm dia (7X 0.2mm). All strand should be silver plated(Resistance of each conductor should be within tolerance of IS 434)
3) Each core to be insulated individually with Teflon (FEP) and twisted. . Minimum insulation thickness 0.3mm Insulation thickness, insulation Resistance and high voltage tests on cable shall be as per heavy duty 650/1100 volt grade cable of above IS
Outer sheath Extruded Teflon(FEP) with round section O.D. NOT LESS THAN 4 MM.
4) Color code of cores : 1. Red 2. White 3. Blue 4. Green
5) Overall colour : Parrot Green
6) Sample of 1 meter length cable meeting above specifications to be furnished before placement of order for approval
7) Inspection of full lot before purchaser's representative shall do delivery at suppliers work. Facilities to be check copper cross sectional area, cable resistance and insulation resistance etc. shall be arranged by the suppliers.

Technical Pre-Qualification criteria:

Capability of the bidder for having supplied past above item or equivalent is a pre requisite. For that either

- At least one PO copy in the name of the bidder along with proof of delivery in last five years to be submitted by the bidder alternatively
- OR
- Bidder has to submit **03 NOS OF (1 METER EACH) NON RETURNABLE SAMPLES SHALL BE SUBMITTED BY VENDOR PREFERABLY 01 WEEK BEFORE TECHNICAL BID OPENING)**

NOTE : Colours indicated in the all cable specification are for reference purpose.Vendors are allowed to offer for any other suitable exclusive identifiable colours , if called for , and remaining all other specification unchanged.