

BOQ

Name of work: Providing and laying main LT cable from ESS-1 To ESS -II Delhi Side at DND FLYWAY during 2026-2027

S.no	Description of items	Quantity	Unit	Rate	Amount INR	Remarks
1	Providing and laying of 1.1 kV (LT) 3.5Cx300 sqmm. power cable, having stranded compacted Aluminium Conductor, XLPE Insulated, Extruded PVC Inner sheath, Galvanised Steel Round Armoured and PVC outer sheathed, Brand: HAVELLS / KEI / FINOLEX or Equivalent	940.00	m			
2	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. Above 185 sq. mm and upto 400 sq. mm	940.00	m			
3	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. in the existing trench, complete as required. 160 mm dia (OD-160 mm & ID-135 mm nominal)	940.00	m			
4	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing (HDPE) pipe as required Above 185 sq. mm and upto 400 sq. mm	940.00	m			
5	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. Cable size 3 X 300 sq. mm (70mm) Al/Ar	8.00	Each			
6	Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.	4.00	Each			
7	Providing and Installation, testing & commissioning of new of floor mounted out door type double door LT panel primer coated with powder coated SEIMMENS Grey paint Size 1000 mmx600mmx1200mm(WXDXH) & provided with required gasket for dust/vermin proof with degree of protection IP 55 suitable for 415Volt 3 phase, 50 Hz, 4 wire system fabricated out of CRCA sheet up to 2 mm thick (1.6 mm for doors) duly compartmentalized for incomer, bus section, outgoing 4- way Distribution feeder pillar with , 4 pole, 3phase, 415 v , 200 Amps for incoming and 1 nos outgoing MCCB 4 pole, 3phase, 415 v , 200 Amps rating type, metering arrangement on incomer suitable for outdoor installation ,complete with of Base Stand for LT Panels in accordance with Technical Specification Supply of Feeder pillar complete in all respects as per directions of Engineer Incharge.	3.00	Each			
Amount						