



**Details of S & T segment of the work for installation of 20 ATVMs to be installed at 19 Stations over WCR.**

S. No.	Description	Unit	Qty
1	CAT-6 cable solid 4 pair,100 ohms shielded pair conductor size 23 AWG	Mtrs	673
2	PVC casing capping size (1 inch x 1.5 inch)	Mtrs	1195
3	Supply of single port information outlet with SMB as per specification.	Nos.	50
4	Patch card 3 meter CAT-6 UTP, Make-Dlink/tyco/Amp/Molex	Nos.	40
5	Flexible pipe 25 mm dia length each roll 30 mtrs.	Mtrs.	252
6	LAN Extender (As master & slave configuration ) as per specification.	Nos.	9
7	24 port 10/100 Mbps LAN switch manageable with two 1000 Base T mini gebic gigabite combo port	Nos.	3
8	Supply of RJ11/RJ45 Crimping Tool of standard make (Metallic)	Nos.	3
9	Supply of LAN Tester of reputed make	Nos.	3
10	RJ-45 connector make-Digilink/Tyco/Comscop/3m	Nos.	119
11	Extension of connectivity to ATVM which may include Screws, Panels, Boards etc.	Nos.	20

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**Details of Electrical Segment of the Work for installation of 20 ATVMs to be installed at 19 Stations over WCR.**

S. No.	Brief Description of Item	Units	Qty
1	Wiring of the 5A/5 pin Universal plug point (3 plug & 3 switch on separate board) with 2.5 sqmm copper PVC insulated 1.1 kV, Multi stranded wire on rigid PVC casing/caping with all accessories and running earthing of 2.5 sqmm copper conductor with green colour PVC insulated 1.1 kV connected to each plug on switch board. The switches shall be of modular.	Nos.	20
2	Supply erection, testing and commissioning of DP 20 Amps with neutral MCB in acrylic cover on switch board complete with 2.5 sqmm copper and 6 sqmm copper submains on PVC conduit.	Nos.	20
3	Supply, running, fixing of 2.5 sqmm 4 core copper multi-stranded, Armoured XLPE insulated cable PVC insulated sheathed 1.1 kV grade and shall be laid in approved manner with strip of heavy duty GI angle tray saddles. The terminated of mains cable shall be carried out with suitable size glands and lugs wherever required.	mtrs	600
4	Supply, erection, testing and commissioning of maintenance free earth using copper coated steel rods compression couplers as per RDSO specification no. RDSO/PE/SPEC/PS/0109-2008(REV-0) with approved earth enhancing compound and exothermic welding.	Nos.	14
5	Supply and laying of 25 mmx 6 mm copper strip for interconnection the earthing system	mtrs	200

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