

LOCATION & SITE : STATE BANK OF INDIA, MESS AT A.O. BUILDING at JAMMU						
Bried Schedule of Quantities for Electrical Works of OFFICERS MESS , at A.O. Building Jammu						
IT. NO	ITEM	DESCRIPTION OF ITEMS	UNIT	QTY.		
	ELECTRICAL & AC WORKS (PART-A)					
1	Wiring & switches	Wiring for light point/ ceiling fan point/ exhaust fan point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed PVC conduit ISI Mark, with 6Amp modular switch, modular plate, suitable GI junction & switch boxes & clip and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Wire Make: Polycab/ Havells/RR Cable Switch Make: Ancher(Roma)/legrand/Crabtree/MK)				
		(Rate includes 3 x 2.5 sq.mm FRLS copper conductor, single core cable in PVC conduit for circuit/sub main wiring along with earth wire)				
		Primary 1 light controlled by one switch	No's	15		
		Secondary 2 light controlled by one switch	No's	10		
		Primary Wall fan point controlled by 5 AMP socket controlled by 5amp switch	No's	5		
2.00	Power Points	Supply all material, storing, handling, fixing of computer points computer points in suitable size of GI/PVC box including providing 1 nos 15 amps 6 pin modular power sockets to be provided controlled by 1 no 15 A modular type switch and indicator with modular cover plate etc complete as required including 3X2.5 sq. mm copper armored cable. Note: One power points are to be provided on one circuit and dirctly to be connected on Power DB. (Switches : Make: Anchor/Crabtree/North-West/MK	No's	4		
3.00	Air conditioning points	Supply, installation, testing and commissioning of 25 ampere 3pin modular socket controlled by 25 ampere DPMCB including modular frame in GI Modular box for Air-conditioning supply. Cable to be terminated with suitable GI Gland box with complete as required	No's	4		
4.00	MCB DB BOX	Supply, installation, testing and commissioning of factory fabricated distribution board rust inhibited powder coated sheet fabricated comprising of incoming and outgoing isolator & MCBs neutral link or neutral bus, top and bottom detachable entry earthing bolts interconnection and grouting bolts etc complete as required as per details below. Make: Indoasian/Standard/ Havells				
	A	6 way SPN MCBDB comprising of 1 No 40 Amp DP Isolator and 4 No SPMCB 10/16 Amp.	No's	1		
	B	4 Way TP MCBDB Double Door in recessed wall including cutting of wall and making good the damages comprising 1 no 100 A FP TPN and 6 Nos.32 A DPMCBS etc complete as required. (for Air conditioning only).	No's	1		
	C	4 WayTP MCBDB Double Door in recessed wall including cutting of wall and making good the damages comprising 1 no 30 A ELCB and 12 Nos. 6/10 Amp SPMCBS etc complete as required. (for Light, Fan point, Raw power points).	No's	1		

4.00	AIR CONDITIONING WORK	Supplying & Laying of following COPPER REFRIGERANT PIPING Thickness 22 SWG For Hiwall Split AC complete with fittings Suction / Discharge line insulated with 12 mm SUPERLON / ARMAFLEX suction line. Multi-runs between Indoor & Outdoor units shall be considered as ONE length for the purpose of measurement. (Make: Total Line/Armacell)		0		
		1/4" + 1/2" Refrigerant piping - For Hiwall Split AC's	Mtr	50		
5.00		Supplying & laying recessed in wall Rigid ISI Mark PVC drain pipe of size 20mm dia complete with fittings, U traps etc. & as specified to the nearest toilet / drain point under floor or in recessed walls for AC drains including cutting of walls, bends & Tees. making good the damages etc. wherever required. (Make: Diplast/Supreme)	Mtr	30		
6.00		Electrical flexible cable of 3x2.5sq.mm multi strand suitable for 1.5 Tr H.W Split & 1.00 Tr H.W Split. Multi-runs between Indoor & Outdoor units shall be considered as ONE length for the purpose of measurement.(Make: Havells/ RR Kable / KEI/Finolex)	Mtr	90		
7.00	G.I DUCTING FOR EXHAUST	SITC of Factory/Site fabricated GSS Ducting complete with hanging arrangement of fasteners, GI threaded rods etc.				
		24 G (0.63 MM)	Sq.mtr	85		
		Make: Tata, Sail,Jindal,Eco duct,Zeco				
8.00	G.I. CHIMNEY WITH FILTERS	SITC of Factory/Site fabricated GSS sheet Chimney profile complete with FILTERS also made out of G.I. sheets arrangement of fasteners, GI threaded rods etc.				
		24 G (0.63 MM)	Sq.mtr	15		
9.00		Supply, Installation, testing & commissioning of PVC insulated PVC sheathed armoured cable of 1100 V (IS ;1554 Part 1) and fixing of cable on wall with suitable size of clamps /saddles or laid in floor/recess wall including termination gland on both side of cable, cutting of wall /floor and making good the damages etc complete as required of following sizes (ISI marked). (Make: Havells/ RR Kable / KEI/Finolex)				
	A	3.5X25 sq. mm aluminum conductors with two Nos. 8 SWG GI wire	Mtr	50		
	C	3X2.5 sq. mm copper armored cable.	Mtr	40		
		TOTAL PART-A				
	ELECTRICAL & AC FIXTURES (PART-B)					
1.00	Spot Lights :	SITC of 6 watt LED fixtures with essential driver in false ceiling including making necessary arrangement for mounting the fixtures and connection with 2 x 1.5 sq.mm insulated copper cable from adjacent point in PVC flexible pipe etc complete as reqd. Make Jaquar RENE :LRNE01S006XN equivalent of as per selection	Nos.	8		
2.00	Led Strip (Rope)	SITC of LED Rope light (4.5/5 watt)for cove (M/s Phillips /Wipro / Bajaj with required drivers ., Complete in all respects	Rmt	40		
3.00	12 watt LED COB Cylinder fixtures	SITC of COB 12 watt Cylindrical LED fixtures with essential driver in false ceiling including making necessary arrangement for mounting the fixtures and connection with 2 x 1.5 sq.mm insulated copper cable from adjacent point in PVC flexible pipe etc Complete as reqd. Make Wipro WP 1312 or equivalent of Philips / Bajaj.	No's	20		
4.00	15 watt LED fixtures /dowlighters	SITC of 15 watt LED fixtures /dowlighters with essential driver in false ceiling including making necessary arrangement for mounting the fixtures and connection with 2 x 1.5 sq.mm insulated copper cable from adjacent point in PVC flexible pipe etc complete as reqd. Make Phillips cat no. DN - 192 - 1000 or equivalent of Wipro / Bajaj.	No's	12		

5.00	10 watt LED fixtures /dowlighters	SITC of 10 watt LED fixtures /dowlighters with essential driver in false ceiling including making necessary arrangement for mounting the fixtures and connection with 2 x 1.5 sq.mm insulated copper cable from adjacent point in PVC flexible pipe etc complete as reqd. Make Jaquar cat no. IRL-BLK-LCYN01R010SN or equivalent of Wipro / Bajaj.	No's	6		
6.00	Hanging Light Fixture	SITC of Hanging Light Fixture with essential driver Make: Jaquar JDM-CHR-MD150031271B 1 Light Smoky Glass Pendant Decorative Lighting with E27 Lamp & watt. Or equivalent of Wipro/Bajaj	No's	3		
7.00	Wall Fans	Supply & Fixing of 400/450 mmm sweep wall fan complete as reqd. Model turbo 180, USHA Make or equivalent of Crompton/Havells/Bajaj	No's	8		
8.00	Hand Dryer	Providing and fixing Automatic Jaquar Bolt Touch-Free Infrared Hand Dryer (HDR-SSF-AK2803D)	No's	1		
9.00	Exhaust Fan	P & F Metal Exhaust Fan of 24" fixed with louvers over duct complete in all respects.	No's	2		
10.00	AC Units	Supply, erection, testing and commissioning following Wall Mounted / Roof Mounted Cassette units with cordless remote complete with all necessary furring duly insulated with 9mm thk. Nitrite rubber pipe insulation with (evaporate coil-copper only_ fan and fan motor, machine control panel improved refringent joints, Air conditioners shall be fitted with hermetically sealed type suction reciprocating or discharge cooled rotary compressor or scroll compressor, compressor unit operating on R22/R410. All complete as per drawing and Instructions of the Engineer incharge/employer (rates are to be inclusive of copper refringent pipe and supply cable with insulation and drain pipe up to 3mtr. length & powder coated MS Stand) Copper only (Make : Hitachi/Daikin/Carrier/Voltas/Blue Star).	No's	4		
11.00	Stablizer	Providing and fixing 4KVA Stablizer (copper winding) input voltage range of 140-280V and output to be 230V Make : Blue Bird/Logic state/ Inline/V-guard	No's	4		
		TOTAL PART-B				
		TOTAL PART-A+PART-B				
		SIGNATURE OF CONTRACTOR				