

Schedule - A						
NAME OF WORK :		Special repair to Electrical Installations in various buildings in Government Arts College Salem				
EMD: Rs. 25,500/-				Date: 29.04.2022		
Sl. No	Qty	Description of Work	TN BP NO.& NBC	Rate in Words	Unit	Amount
		ELECTRICAL WORK				
1	656 pt (Six hundred and fifty six point)	Rewiring with 2 x 1.5 sq mm (22/0.3) PVC insulated unsheathed SC Cu. Conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box with 5A FT switch inflush with wall, covered with hylem sheet of 3mm thick with painting of suitable colour for Open PVC light point / fan point (For electronic regulator) (5 point per coil)			1 point (One point)	
2	36 pt (Thirty six point)	Rewiring with 2x1.5 sqmm (22/0.3) PVC insulated SC unsheathed Cu Conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories on wall with 3mm thick hylum sheet cover with TW switch box and 5A FT switch with suitable colour for open PVC light /fan point (6 Points Per Coil) (For Rooms like Bath, Toilet & Pump room etc)			1 point (One point)	

3	7 pt (Seven point)	Rewiring with 3 x 1.5 sqmm (22/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories in flush with wall with 3mm thick hylem sheet cover with TW switch box and 5A FT switch (Two way) in flush with wall with suitable colour for Open PVC staircase light point			1 point (One point)	
4	278 Nos (Two hundred and seventy eight numbers)	Renewal by Supply and fixing of single box type 4'20 W LED Fitting (Higher end) complete with electronic driver with TW round block on wall or ceiling with . LED Tube with PVC unsheathed leads from terminals to the fitting.			1 No. (Each)	
5	101 Nos (One hundred and one numbers)	Renewal by Supply and fixing of single box type 4'20 W LED fitting (Higher end) complete conduit pipe suspension from the ceiling with electronic driver from the ceiling with LED tube with PVC unsheathed leads from terminals to the fitting.			1 No. (Each)	
6	31 Nos (Thirty one numbers)	Renewal by Supply and fixing of 18W LED 3000K recesses mounting type fitting (Higher end) Complete on wall or ceiling with PVC unsheathed leads from terminal to the fitting			1 No. (Each)	

7	78 Nos (Seventy eight numbers)	Renewal by Supply and fixing of 2'x2' 6500K W LED recesses mounted square type LED Fitting (Higher end) complete with chain suspension from ceiling, with PVC unsheathed Copper leads from the terminals to the fittings			1 No. (Each)	
8	6 Nos (Six numbers)	Renewal by Supply and fixing of 30W LED street light fitting (High end) complete with 19 mm dia GI pipe (class 'B') complete on the existing post / wall with unsheathed Cu Leads with MS clamps and aluminium painting complete			1 No. (Each)	
9	241 Nos (Two hundred and forty one numbers)	Renewal by Supply and fixing of 1200 mm (48") AC ceiling fan (Higher end) complete 300W stepped electronic regulator with 300 mm down rod on the existing clamp			1 No. (Each)	
10	6 Nos (Six numbers)	Renewal Supply and fixing of 400 mm (16") (Higher end) AC wall mounted fan complete on wall with connection			1 No. (Each)	

11	8 Nos (Eight numbers)	Renewal by Supply and fixing of 375 mm (15") sweep (light duty) AC exhaust fan complete with out provision of hole in the wall			1 No. (Each)	
12	8 Nos (Eight numbers)	Renewal by Supply and fixing of louver shutter arrangements for 375 mm (15") sweep (light duty) AC exhaust fan			1 No. (Each)	
13	6 Nos (Six numbers)	Renewal by Supply and fixing of 5A 3 Pin combined wall socket with control switches in suitable TW Box on wall and covered with 3mm thick hylum sheet with earth connection			1 No. (Each)	
14	219 Nos (Two hundred and nineteen numbers)	Renewal by Supply and fixing of 3 Nos 5A 3 Pin combined wall socket with control switches in suitable TW Box on wall and covered with 3mm thick hylum sheet with earth connection (for computer plug socket)			1 No. (Each)	

15	37 Nos (Thirty seven numbers)	Renewal by Supply and fixing of 15A 3 Pin combined wall socket with 15A flush type switch on wall in suitable TW Box on wall and covered with 3mm thick hylum sheet with earth connection			1 No. (Each)	
16	2 Nos (Two numbers)	Renewal by Supply and fixing of 20A DP plug and socket in sheet steel enclosure with 32A DP MCB inflush with wall with earth connection [for AC plug) (Higher end)			1 No. (Each)	
17	18 Nos (Eighteen numbers)	Renewal by Supply and fixing of 32A DP MCB 10 KA in suitable sheet steel enclosure on wall with earth connection (Higher end)			1 No. (Each)	
18	12 Nos (Twelve numbers)	Renewal by Supply and fixing of 32A FP MCB 10 KA in suitable sheet steel enclosure on wall with earth connection (Higher end)			1 No. (Each)	

19	21 Nos (Twenty one numbers)	Renewal by Supply and fixing of 8 way single pole and neutral MCB sheet steel enclosure Distribution board with Double Door and 1No 32 Amps DP MCB 10 KA as incoming, 6 No's 6 Amps to 32 Amps SP MCB 10 KA outgoing on wall with earth connection only. The MCB DB and MCB's with ISI mark (Higher end) make			1 No. (Each)	
20	13 Nos (Thirteen numbers)	Renewal by Supply and fixing of 8 way single pole and neutral MCB sheet steel enclosure Distribution board with Double Door and 1No 40 Amps DP MCB 10 KA as incoming, 6 No's 6 Amps to 32 Amps SP MCB 10 KA outgoing on wall with earth connection only. The MCB DB and MCB's with ISI mark (Higher end)			1 No. (Each)	
21	13 Nos (Thirteen numbers)	Renewal by Supply and fixing of 3 phase 4 way vertical 7 segment TPN sheet steel double door distribution board surface type fitted with bus bar and neutral links with1 No. 63 Amps 4 pole MCB 10 KA and 63A 4 pole ELCB 30 MA as incoming and 3Nos, 63A DP MCB isolator as sub incoomer and 12 No's 32A SP MCB 10KA as outgoing on wall with earth connection only. The MCB DB, and MCB's Like (Higher end) PDB/MLDB			1 No. (Each)	

22	4 Nos (Four numbers)	Renewal by Supply and Fixing of 3 Ph 8 way Vertical type 160 A 16 KA MCCB DB with IP 43 protection Double door type DB (legrand) with 1No 125A 4P MCCB 16 KA as incoming and 4 No's 63A TP MCB 10 KA & 4 No's 32A TP MCB 10 KA as outgoing with cable entry boxes in suitable angle iron frame work with earth connection only (The MCCB DB, and MCCB's and MCB's should be higher end.			1 No. (Each)	
23	90 mtr (Ninety metres)	Renewal by Supply and run of 2 of 1.5 sq.mm. (36/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V Grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour			1 mtr (One metre)	
24	1925 mtr (One thousand nine hundred and twenty five metres)	Renewal by Supply and run of 2 of 2.5 sq.mm. (36/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V Grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour			1 mtr (One metre)	
25	1469 mtr (One thousand four hundred and sixty nine metres)	Renewal by Supply and run of 2 of 4.0 sq.mm (56/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V Grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour			1 mtr (One metre)	

26	295 mtr (Two hundred and ninety five metres)	Renewal by Supply and run of 4.0 of 4.0 sq.mm (56/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V Grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour			1 mtr (One metre)	
27	348 mtr (Three hundred and forty eight metres)	Renewal by Supply and run of 4 of 10 sq.mm (140/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V Grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour			1 mtr (One metre)	
28	2 Nos (Two numbers)	Renewal by Earthing as per ISI specifications with an earth electrode of 2.1 mtr class 'B' GI pipe of dia not less than 40mm with copper plate of size 125mmx50mmx6mm, with necessary funneling arrangements with necessary masonry work and with 38mm RCC cover slab for brick masonry.			1 No. (Each)	
29	20 mtr (Twenty metres)	Renewal by Supply and run of No.8 copper conductor for earth connection			1 mtr (One metre)	
			TOTAL			
			GST 12 %			
			GRAND TOTAL			
29 Items (Twenty nine items only)						

8

No. of corrections in figure:

No. of corrections in words:

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Contractor

Chief Engineer