

KERALA AGRICULTURAL UNIVERSITY
Directorate of Physical Plant
TENDER SCHEDULE

No:02

Name of work:- Renovation of street lights inside SAMMRSS School compound- CoA, Vellayani.

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
1	154 m ³	Earth work excavation in ordinary soil for cable trench and depositing on bank with all leads lifts including breaking clods and sectioning of spoil bank etc. complete and back filling trench etc. complete.	940	/10 m ³	(Rs Nine hundred and forty only)	14476
2	480 m	Supplying, drawing and laying PVC insulated and PVC sheathe armoured heavy duty aluminium power cable 1.1 KV grade through cable trenches/pipes etc. - 2x6 mm ² size.	126	/m	(Rs One hundred and twenty six only)	60480
3	40 Nos	Connecting the ends of the heavy duty armoured aluminium power cable to the respective terminals using cable gland and end sockets - 2x6 mm ² size.	209	/Each	(Rs Two hundred and nine only)	8360
4	51.60 m ²	Providing protective covering to the cable using country burnt bricks 22.9x11.2x7 cm	2045	/10m ²	(Rs Two thousand and forty five only)	10552
5	1 No.	Supply of LT Cable route marker cast iron spike and inscription and fixing in CC as required.	297	/Each	(Rs Two hundred and ninety seven only)	297
6	110 m	Providing rigid pvc pipe 25mm dia for cable entry	77.50	/Each	(Rs Seventy seven and Ps fifty only)	8525
7		Supplying and drawing bare copper earth conductor along with wiring / cable / through pipes etc as required.				
a	480 m	No.14 SWG (2.03 mm)	28	/m	(Rs Twenty eight only)	13440
b	10 m	No.12 SWG (2.64 mm)	40.50	/m	(Rs Forty and Ps fifty only)	405
8	50 Nos.	Providing copper earth socket to the copper earth wire and fixing using brass bolt and nut with washer including crimping.	17.50	/Each	(Rs Seventeen and Ps fifty only)	875

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
9	3 m	Providing GI pipe as protective cover to the earth lead. 32 mm or nearest size.	215	/m	(Rs Two hundred and fifteen only)	645
10	20 Nos.	Providing moulded SMC junction box 230 x 170 x 105 mm or nearest size with door including fixing arrangements at the bottom of the tubular posts.	939	/Each	(Rs Nine hundred and thirty nine only)	18780
11	20 Nos.	Supplying and fixing MCB's in position including connection. 6 to 32 Amps - Single pole 10 KA.	215	/Each	(Rs Two hundred and fifteen only)	4300
12	40 Nos.	Supply and installation of Conical type bus bar support with a height of 25mm as per directions of the Deptl. Officers.	23	/Each	(RsTwenty three only)	920
13	16 Nos.	Supply and fixing side entry type LED street light luminaries suitable for 40w,120-270v, IP65, Class I, Surge up to 5KV LED lamps complete with PDC Al. housing with toughened glass with gaskets and fixing position using 25/32mm GI bracket with fixing arrangements including connection using FR Multi-core PVC insulated and PVC sheathed copper conductor round flexible wire having .75sq.mm as per direction of Dept. Officers.	4936	/Each	(Rs Four thousand nine hundred and thirty six only)	78976
14	0.25 m ³	Cement concrete 1:3:6 using 20mm broken stone.	54.50	/10 dm ³	(Rs Fifty four and Ps. Fifty only)	1363
15	3 m ²	Plastering with CM 1:4,12mm thick	1637	/10 m ²	(Rs.One thousand six hundred and thirty seven only)	491
16	2 Nos	Supply and providing independent ordinary pipe earthing using 50 mm dia GI pipe 1.85 m long suitable GI bolt, nut and washer, filling with charcoal and salt around the pipe including earth work excavation and masonry works required.	1989	/Each	(Rs One thousand nine hundred and eighty nine only)	3978

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
17		Supply and fixing TPN Switch Disconnecter Fuse Unit with fuses, open execution type attached to the existing control panel / additional facilities using suitable metal frame work.				
	2 Nos.	32Amps TPN			(Rs Two thousand six hundred and fifty six	
			2656	/Each only)		5312
		Market Rate		Tender PAC		232175
		Item No:10 - 20x690.00	13800			
		Item No:13 - 16x4313.00	69008			
			82808	Market Rate		82808
				Tender PAC less cost of Market Rate		149367
(Rupees One lakh forty nine thousand three hundred and sixty seven only)						

Contractor

Director of Physical Plant