

**KERALA AGRICULTURAL UNIVERSITY**  
**Directorate of Physical Plant**  
**TENDER SCHEDULE**

**No:06**

Name of work:- Electrification of Sales Counter at CRS Balaramapuram

Item No.	Quantity	Description	Rate	Per Unit	( Rate in words )	Amount
1		Wiring points in surface conduit system using 20 mm rigid PVC conduit with specials, 1 mm <sup>2</sup> FR PVC insulated SC copper wire, suitable MS Box with 16 gauge sheet painted, 3 mm hylam sheet front cover up to and including 6 Amps, SP piano type switch, saddles, screws etc. as per IS specification.				
a	8 pt	Light / light duty exhaust fan/ fan point up to and including 6 A, 3 plate ceiling rose.	898	/Point	(Rs Eight hundred and ninety eight only)	7184
b	7 pt	Light / fan points excluding ceiling rose	862	/Point	(Rs Eight hundred and sixty two only)	6034
c	2 pt	Fan points with suitable regulator box and hylam sheet cover.	932	/Point	(Rs Nine hundred and thirty two only)	1864
2	2 Nos	Providing 6A, 3 pin multi socket clip in modular type and 6A SP piano type switch modular type attached to the switch board.	381	/Each	(Rs Three hundred and eighty one only)	762
3		Wiring PVC insulated SC copper wire in surface conduit system using suitable rigid PVC conduit with specials, saddles, screws etc as per IS specification.				
a	40 m	1.50 mm <sup>2</sup> - 2 run	98.50	/m	(Rs Ninety eight and Ps. Fifty only)	3940
b	10 m	2.50 mm <sup>2</sup> - 2 run	117	/m	(Rs One hundred and seventeen only)	1170
c	20 m	2.50 mm <sup>2</sup> - 4 run	167	/m	(Rs One hundred and sixty seven only)	3340

Item No.	Quantity	Description	Rate	Per Unit	( Rate in words )	Amount
4		Supply and providing rigid PVC conduits with specials for wiring / protection / service connection pipe in surface conduit system using conduit saddles, screws etc. as per directions of depl. Officers.				
a	1 m	20 mm size.	61 /m		(Rs Sixty one only)	61
b	1 m	25 mm size.	77.50 /m		(Rs Seventy seven and Ps. fifty only)	78
5		Supplying and drawing bare copper earth conductor along with wiring / cable / through pipes etc as required.				
a	65 m	No.14 SWG (2.03 mm)	28 /m		(Rs Twenty eight only)	1820
b	10 m	No.12 SWG (2.64 mm)	40.50 /m		(Rs Forty and Ps fifty only)	405
6	25 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)	438
7		Supplying and drawing PVC insulated SC copper wire through the existing conduit and giving necessary connection etc. as required.				
a	2 m	1.50 mm <sup>2</sup> - single run	26 /m		(Rs Twenty six only)	52
b	2 m	2.50 mm <sup>2</sup> - single run	35 /m		(Rs Thirty five only)	70
c	3 m	6.00 mm <sup>2</sup> - single run	72 /m		(Rs Seventy two only)	216
8	7 Nos.	Supplying and fixing bakelite / PVC batten holder using suitable MS Box with hylam sheet cover including connection				
			265 /Each		(Rs Two hundred and sixty five only)	1855
9		Providing lamps to the fixtures.				
	7 Nos.	CFL 18 W.	224 /Each		(Rs Two hundred and twenty four only)	1568

Item No.	Quantity	Description	Rate	Per Unit	( Rate in words )	Amount
10	2 Nos.	Supply and fixing side entry type LED street light luminaries suitable for 25w,160-270v, 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.			(Rs Two thousand nine hundred and eighty five only)	5970
			2985 /Each			
11	6 Nos	Supply and fitting mounting box type fluorescent: lamp fittings 1200 mm made out of CRCA sheet powder coated / stove enameled with electronic choke,lamp holder etc. duly wired up using flat iron bracket / fixing arrangements including connections using 16/ 0.20 mm PVC insulated and sheathed flexible copper wire including lamp. Suitable for 1x36/40 W T8 FTL				
			1065 /Each		(Rs One thousand sixty five only)	6390
12		Supply and fixing 6/16 A, 3 pin, combined modular type shuttered plug sockets on suitable modular type flush mounting metal switch boxes,modular type front plate etc including connection.				
	3 Nos	20 Amps modular type DP switch	706 /Each		(Rs Seven hundred and six only)	2118
13		Supply and fixing 6A, multi plug socket modular type with 6A SP modular type switch using suitable modular type flush mounting boxes,modular front palte etc. including connection.				
	4 Nos	4 Way			(Rs One thousand three hundred and seventy only)	5480
			1370 /Each			
14		Supplying and fixing RCCB in position including connection.				
	1 Nos.	32/40A Double pole	2095 /Each		(Rs Two thousand and ninety five only)	2095

Item No.	Quantity	Description	Rate	Per Unit	( Rate in words )	Amount
15		Supplying and fixing sheet steel phosphatised and painted double cover, dust and vermin proof MCB DB, with busbar, neutral link, earth bus and din rail etc. on wall and making the wall in good finishing.				
	1 Nos.	Single phase -12 Way.	2005	/Each	(Rs Two thousand and five only)	2005
16		Supplying and fixing Mini Break isolator in distribution board enclosure including connection.				
	1 Nos.	32/40 Amps - Double Pole.	481	/Each	(Rs Four hundred and eighty one only)	481
17		Supplying and fixing MCB's in position including connection.				
	8 Nos.	6 to 32 Amps - Single pole 10 KA.	215	/Each	(Rs Two hundred and fifteen only)	1720
18		2 Nos. Supply of AC ceiling fan 1200 mm sweep capacitor type with double ball bearing complete with down rod shackle canopies				
			1645	/Each	(Rs One thousand six hundred and forty five only)	3290
19		2 Nos. Installation, testing and commissioning of A.C. ceiling fan using standard accessories complete, wiring the down rod and giving connection using 3 core 16/0.20 mm PVC insulated and sheathed 3 core flexible copper wire.				
			302	/Each	(Rs Three hundred and two only)	604
20		2 Nos Supply and fixing 100W step type fan regulator modular type socket type to the existing switch board				
			433	/Each	(Rs Four hundred and thirty three only)	866
21		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
22		Providing GI service connection pipe 1.50m long with Bends and Sockets.				
	1 Nos	25mm Dia	491	/Each	(Rs Four hundred and ninety one only)	491

Item No.	Quantity	Description	Rate	Per Unit	( Rate in words )	Amount
23	1 Nos.	Supply and fixing MS Box of size 300x200x50 mm made out of 16 gauge neatly painted with hylam sheet cover 3 mm thick for fixing energy meter / control switch etc.	476	/Each	(Rs Four hundred and seventy six only)	476
24	1 Sets	Providing 32 Amps porcelain cut out (1 No) and neutral link to the energy meter board and giving connection using required length of PVC insulated copper wire.	251	/Each	(Rs Two hundred and fifty one only)	251
25	1 Nos.	Supply and fixing 32 Amps two pole Switch Disconnecter Fuse Unit to the board / frame work already provided.	1794	/Each	(Rs One thousand seven hundred and ninety four only)	1794
<b>Market Rate</b>					<b>Quotation PAC</b>	<b>68866</b>
Item No:10 - 2Nos x 2530.00			5060		<b>Market Rate</b>	<b>9545</b>
Item No: 11 - 6Nos. x 747.50			4485		<b>Quotation PAC less cost of Market Rate</b>	<b>59321</b>
			<b>9545</b>			

(Rupees Fifty nine thousand three hundred and twenty one only)

**Contractor**

**Director of Physical Plant**