

KERALA AGRICULTURAL UNIVERSITY

Directorate of Physical Plant

No:09

TENDER SCHEDULE

Name of work:- Electrification of extension to the sales counter and office building at IFSRC, Karamana

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
1		Wiring points in surface / semi concealed conduit system (6Points) using 20 mm rigid PVC conduit medium guage with specials and 1mm ² PVC insulated FR SC copper wire. The conduit on the wall shall be clamped using saddles, suitable size modular type flush mounting metal switch boxes duly concealed, modular type of front plated, clip in modular type 6A, SP piano type switch etc. as per IS Specifications and making good the surface as per directions of departmental officers.				
a	15 Pt	Light / light duty exhaust fan points up to and including 6A, 3 plate ceiling rose.	1051 /Point		(Rs One thousand and fifty one only)	15765
b	5 Pt	Light point excluding ceiling rose	1034 /Point		(Rs One thousand and thirty four only)	5170
c	5 Pt	Fan points with suitable regulator box and plate			(Rs One thousand one hundred and forty eight only)	5740
d	1 Pt	Wiring call bell / stair case point / two way light point			(Rs One thousand three hundred and thirteen only)	1313
2	4 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)	1524
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.				

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
a	65 m	1.50 mm ² - 2 run	98.50 /m		(Rs Ninety eight and Ps. Fifty only)	6403
b	65 m	1.50 mm ² - 4 run	130 /m		(Rs One hundred and thirty only)	8450
c	50 m	2.50 mm ² - 2 run	117 /m		(Rs One hundred and seventeen only)	5850
d	25 m	2.50 mm ² - 4 run	167 /m		(Rs One hundred and sixty seven only)	4175
e	35 m	4.00 mm ² - 2 run	141 /m		(Rs One hundred and forty one only)	4935
f	25 m	6.00 mm ² - 2 run	183 /m		(Rs One hundred and eighty three only)	4575
g	10 m	10.00 mm ² - 4 run	501 /m		(Rs Five hundred and one only)	5010
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	5 m	20 mm size.	61 /m		(Rs Sixty one only)	305
b	10 m	32 mm size.	106 /m		(Rs One hundred and six only)	1060
5		Supplying and drawing bare copper earth conductor along with wiring / cable / through pipes etc as required.				
a	300 m	No.14 SWG (2.03 mm)	28 /m		(Rs Twenty eight only)	8400
b	35 m	No.12 SWG (2.64 mm)	40.50 /m		(Rs Forty and Ps fifty only)	1418
c	30 m	No.10 SWG (3.25 mm)	59 /m		(Rs Fifty nine only)	1770
6	100 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)	1750
7	5 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)	1325

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
8		Providing lamps to the fixtures.				
	5 Nos.	CFL 18 W.	224	/Each	(Rs Two hundred and twenty four only)	1120
9	1 Nos.	Supply and fixing Call bell Ding Dong type with suitable MS box with hylam sheet cover including connection.				
			367	/Each	(Rs Three hundred and sixty seven only)	367
10	2 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.			(Rs Four thousand nine hundred and thirty six only)	
			4936	/Each		9872
11	11 Nos.	Supply and fixing surface mounted 240V, 18W, 1600 lumens, slim, 4ft, LED, Battern fitting complete with cool white light including connection using FR Multi-core PVC insulated and PVC sheathed copper conductor round flexible wire having 0.75 sq.mm as per direction of dept.officers				
			900	/Each	(Rs Nine hundred only)	9900
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.				
	7 Nos	20 Amps modular type DP switch	706	/Each	(Rs Seven hundred and six only)	4942

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
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.				
	9 Nos	3 Way	1146	/Each	(Rs One thousand one hundred and forty six only)	10314
14		Supplying and fixing RCCB in position including connection.				
	1 Nos.	40 A Four pole	2498	/Each	(Rs Two thousand four hundred and ninety eight only)	2498
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.				
a	1 Nos.	Single phase -12 Way.	2005	/Each	(Rs Two thousand and five only)	2005
b	1 No	Three phase - 6 Way (8+18)	3273	/Each	(Rs Three thousand two hundred and seventy three only)	3273
c	3 Nos.	TPN Vertical DB - 6 Way.	7104	/Each	(Rs. Seven thousand one hundred and four only)	21312
16		Supplying and fixing Mini Break isolator in distribution board enclosure including connection.				
a	4 Nos.	32/40 Amps - Double Pole.	481	/Each	(Rs Four hundred and eighty one only)	1924
b	2 Nos.	40 Amps - Four Pole.	856	/Each	(Rs Eight hundred and fifty six only)	1712
c	1 Nos.	100 Amps - Four Pole.	1208	/Each	(Rs One thousand two hundred and eight only)	1208
17		Supplying and fixing MCB's in position including connection.				

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
a	30 Nos.	6 to 32 Amps - Single pole 10 KA.	215	/Each	(Rs Two hundred and fifteen only)	6450
b	3 Nos.	40 Amps - Three Pole.	1133	/Each	(Rs One thousand one hundred and thirty three only)	3399
c	3 Nos	63 Amps - Three Pole.	1332	/Each	(Rs One thousand three hundred and thirty two only)	3996
d	5 Nos.	Blanking plate.	19.50	/Each	(Rs Nineteen and Ps fifty only)	98
18		Supplying and fixing sheet steel phosphatised and painted enclosure for mounting independent MCB / isolators.				
a	3 Nos.	2 Pole Enclosure.	379	/Each	(Rs Three hundred and seventy nine only)	1137
b	1 Nos.	4 Pole Enclosure.	408	/Each	(Rs Four hundred and eight only)	408
19	2 Nos.	Providing MS rod type fan clamp suitable for RCC slab neatly painted including chipping the RCC slab and making good surface.	130	/Each	(Rs One Hundred and thirty only)	260
20	5 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)	8225
21	5 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)	1510
22		Supply and fixing light duty Ex. Fan in plastic body with self opening louvers on 230 V, single phase - Including connection.				

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
	2 Nos.	150 mm sweep			(Rs One thousand five hundred and eighteen only)	3036
23	2 No	Charges for cutting holes suitable for fixing exhaust fans including plastering making good the surface etc as required for light duty exhaust fan.		264 /Each	(Rs Two hundred and sixty four only)	528
24	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
25	5 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)	2165
Market rate			Tender PAC			190575
10	2	Nos	4213.00	8426	Market Rate	17534
11	11	Nos	828.00	9108	Tender PAC less cost of Market Rate	173041
		Total		17534		

(Rupees One lakhs seventy three thousand and fourty one only)

Contractor

Director of Physical Plant