KERALA AGRICULTURAL UNIVERSITY

Directorate of Physical Plant **No:16**

TENDER SCHEDULE

Name of work:- Electrification of multi purpose hall at new Academic Block, CoF, Vellanikkara

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^2 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	20 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)	17960
b	5 pt	Light / fan points excluding ceiling rose	862	/Point	(Rs Eight hundred and sixty two only)	4310
c	15 pt	Fan points with suitable regulator box and hylam sheet cover.	932	/Point	(Rs Nine hundred and thirty two only)	13980
2	5 pt	Wiring plug points in the above system along with the wiring of light points using 6 Amps, 3 pin multi plug socket and 6 Amps, SP piano type switch - In combined position.	337	/Point	(Rs Three hundred and thirty seven only)	1685
3	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
4		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	200 m	1.50 mm^2 - 2 run	98.50	/m	(Rs Ninety eight and Ps. Fifty only)	19700
b	100 m	1.50 mm^2 - 4 run	130	/m	(Rs One hundred and thirty only)	13000
c	60 m	2.50 mm^2 - 2 run	117	/m	(Rs One hundred and seventeen only)	7020
d	30 m	2.50 mm^2 - 4 run	167	/m	(Rs One hundred and sixty seven only)	5010
e	100 m	4.00 mm^2 - 2 run	141	/m	(Rs One hundred and forty one only)	14100
f	45 m	4.00 mm^2 - 4 run	216	/m	(Rs Two hundred and sixteen only)	9720
g	20 m	6.00 mm^2 - 2 run	183	/m	(Rs One hundred and eighty three only)	3660
5		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 deptl. Officers.				
	5 m	25 mm size.	77.50	/m	(Rs Seventy seven and Ps. fifty only)	388
6		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	80 m	No.12 SWG (2.64 mm)	40.50	/m	(Rs Forty and Ps fifty only)	3240
7	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
8		Supplying and drawing PVC insulated SC copper wire through the existing conduit and giving necessary connection etc. as required.				
a	50 m	1.50 mm^2 - single run	26	/m	(Rs Twenty six only)	1300

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
b	50 m	2.50 mm^2 - single run	35	/m	(Rs Thirty five only)	1750
9	16 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)	14400
10	9 Nos	Supply and fixing recess mounting type 2X36 / 40W fluorescent lamp decorative mirror optics luminaire With copper wound ballast	2680	/Each	(Rs Two thousand six hundred and eighty only)	24120
11	2 Nos	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. 16 Amps modular type switch.	654	/Each	(Rs Six hundred and fifty four only)	1308
12	2 Nos	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 Way	1370	/Each	(Rs One thousand three hundred and seventy only)	2740

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
13		Supplying and fixing RCCB in position including connection.				
	1 Nos.	40 A Four pole	2498	/Each	(Rs Two thousand four hunred and ninety eight only)	2498
14		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 No	Three phase - 8 Way (8+24)	3898	/Each	(Rs Three thousand eight hundred and ninety eight only)	3898
15		Supplying and fixing Mini Break isolator in distribution board enclosure including connection.				
	6 Nos.	32/40 Amps - Double Pole.	481	/Each	(Rs Four hundred and eighty one only)	2886
	1 Nos.	40 Amps - Four Pole.	856	/Each	(Rs Eight hundred and fifty six only)	856
16		Supplying and fixing MCB's in position including connection.				
	24 Nos.	6 to 32 Amps - Single pole 10 KA.	215	/Each	(Rs Two hundred and fifteen only)	5160
17		Supplying and fixing sheet steel phosphatised and painted enclosure for mounting independent MCB / isolators.				
	6 Nos.	2 Pole Enclosure.	379	/Each	(Rs Three hundred and seventy nine only)	2274
18	15 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)	1950

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
19	15 m	Providing additional length of fan rod with 16 / 0.2 mm PVC insulated and sheathed 3 core flexible copper wire including painting as required.	187	/m	(Rs One Hundred and eighty seven only)	2805
20	15 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)	24675
21	15 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)	4530
22	15 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)	6495
23		Supplying and drawing PVC insulated SC copper wire through the existing conduit and giving necessary connection etc. as required.				
	50 m	1.00 mm^2 - single run	20.50	/m	(Rs Twenty and Ps. Fifty only)	1025
24		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 deptl. Officers.				
	25 m	20 mm size.	61	/m	(Rs Sixty one only)	1525

Item No.	Quantity	Description	Rate	Per Unit	(Rate in words)	Amount
25		Connecting the ends of the heavy duty armoured aluminium power cable to the respective terminals using cable gland and end sockets.				
b	2 Nos	4 X 25 sq.mm size.	340	/Each	(Rs Three hundred and forty only)	680
26		Supplying and drawing 1.1 KV grade PVC insulated and sheathed armoured aluminium power cable as per directions of the Deptl. Officers.				
		Clamping on wall / ceiling / truss etc. using conduit saddles / metal clamps etc.				
	75 m	4 X 25 sq.mm size.	301	/m	(Rs Three hundred and one only)	22575
		Market Rate			**Tender PAC**	**253260**
9	16 Nos	828.00	13248		**Market Rate**	**13248**
					Tender PAC less cost of Market Rate	**240012**
	(Rupees Two lakhs fourty thousand and teelve only)					

Contractor **Director of Physical Plant**