

UNIVERSITY OF KERALA**ENGINEERING UNIT****Tender schedule for Providing Outdoor Lights, Replacement of Defective Fittings at University Guest House(Old) at Kariavattom Campus.**

Sl. No	Item Description	Qty	Unit	Rate / Unit	Rate in Words	Amount
	1 Street Light					
1	od328782/2020_2021 Supply Conveyance, installation, testing and commissioning of 70W LED street light output greater than 100 lumen/W 4000-6000 K with IP 66 protection with power factor greater than 0.95 at full load, internal surge protection up to 8 KV, and Aluminium pressure die-cast Powder coated housing, acrylic cover complete with THD Less than 10%, power factor greater than 0.98, RoHS compliant, duly wired up for use on 230 V AC supply. Driver compartment should be separately accessible for maintenance (Make : Havells ENDURA PEARL PLUSSL 70W/CROMPTON/PHILIPS) 	3	E	7272.58	Rupees Seven Thousand Two Hundred and Seventy Two and Five Eight Paise Only	21817.74

2	od328783/2020_2021 Supply, Conveyance, installation, testing and commissioning of 40W LED street light output greater than 100lumen/W 4000-6000 K with IP 66 protection LED Chip make Cree/Lumilled/Nichea with power factor greater than 0.95 at full load, internal surge protection up to 8 KV, and Aluminium pressure die-cast Powder coated housing, acrylic cover complete with THD less than 10%, power factor greater than 0.98, RoHS compliant, duly wired up for use on 230 V AC supply. Driver compartment should be seperatly accessible for maintenance. (Ref code : Havells Endura Pearl Neo/Crompton/Philips/Wipro)	12	E	4439.58	Rupees Four Thousand Four Hundred and Thirty Nine and Five Eight Paise Only	53274.96
3	90.3.18.1 Supply, fabrication, conveyance and fixing the following sizes of B class GI pipe bent to shape / cut and welded to shape and fixing the same to wall / parapet using clamps as noted along with each size, painting with 2 coats of synthetic enamel paint over a coat of zinc chromate primer, making good the damages, colour washing etc as required. 25 mm dia with HG company fabricated clamps	22	m	288.07	Rupees Two Hundred and Eighty Eight and Zero Seven paise Only	6337.54

4	90.3.18.3 Supply, fabrication, conveyance and fixing the following sizes of B class GI pipe bent to shape / cut and welded to shape and fixing the same to wall / parapet using clamps as noted along with each size, painting with 2 coats of synthetic enamel paint over a coat of zinc chromate primer, making good the damages, colour washing etc as required. 40 mm dia with clamps made from 20 x 3 mm MS flat	6	m	526.96	Rupees Five Hundred and Twenty Six and Nine Six Paise Only	3161.76
5	od328784/2020_2021 Supply of following size of unarmoured PVC insulated and PVC sheathed 650/1100 V grade aluminium conductor weather proof service cable with BIS marking and drawn in existing GI pipe for street light connection as required. (Make: Capital or Vetto) 2 core 2.50 mm ²	40	m	17	Rupees Seventeen Only	680
6	90.4.5.4 1200mm sweep - ceiling fan complete with service value minimum 4.0(cub meter/minute/Watt), Air delivery minimum 210(cubic meter/minute), 300mm down rod , 2 number canopies, shackele kit, Copper winding, 3 number blades and all remaining accessories including safety pin, nut bolts, washers suitable for 230V/240V single phase AC supply etc. complete as required	5	E	1862.03	Rupees One Thousand Eight Hundred and Sixty Two and Zero Three Paise Only	9310.15
7	od328831/2020_2021 Supply of BEE rated 9W LED bulb (B22 / E27) (Orient/Philips/Havels)	10	E	105	Rupees One Hundred and Five Only	1050

8	od328832/2020_2021 Normal size 15 W BC/ ES (Havels/Crompton/Philips/Wipro)	10	E	136	Rupees One Hundred and Thirty Six Only	1360
	2 Point wiring					0
1	od328788/2020_2021 Supply and fixing 20 W linear LED T8 tube with extruded aluminium body, PC diffuser and inbuilt driverhaving double sided connection suitable for continuous operation with THD <10%, power factor >0.98 and RoHS compliant including giving necessary connections as required. (Make- Crompton-LTT8-20,Philips, Havells or Wipro)	15	E	527.21	Rupees Five Hundred and Twenty Seven and Two One Paise Only	7908.15
2	od328789/2020_2021 Supply and testing the following types of light fittings made of CRCA sheet with 0.50 mm thicknesscomplete with all accessories etc directly on wall or ceiling with PVC round block neatly painted to suit thefitting and giving connections with required length of 16/0.20 mm 3-core PVC insulated and PVC sheathed copper conductor round flexible wire of grade 1.1kV conforming to relevant ISS or extendingthe original wiring and giving connections as required. 1x20 W LED box type tube fittings withindustrial box type luminaire suitable for single T8 LED tube (Make- Crompton-DIJB12LT8-20 , Philips,Havells or Wipro)	10	E	312	Rupees Three Hundred and Twelve Only	3120

3	od328790/2020_2021 Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed ISI marked rigid PVC conduit of minimum size 20 mm conforming to IS: 9537 Part-3 1983 with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group C	10	point	1024.48	Rupees One Thousand Twenty Four and Four Eight Paise Only	10244.8
4	1.17.1 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.1 x 1.5 sq. mm	10	m	31.72	Rupees Thirty One and seven Two Paise Only	317.2
5	1.17.3 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.3 X 1.5 sq.mm	15	m	68.97	Rupees Sixty Eight and Nine Seven Paise Only	1034.55
6	1.17.6 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.6 x 1.5 sq. mm	10	m	132.41	Rupees One Hundred and Thirty Two and Four One Paise Only	1324.1

7	1.17.11 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required. 2 x 2.5 sq. mm	10	m	73.1	Rupees Seventy Three and One paise Only	731
8	90.6.10.1 Supply and fixing of following sizes of light gauge PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required 20 mm	20	m	72.03	Rupees Seventy Two and Zero Three Paise Only	1440.6
9	2.15.2 Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 amps	4	E	2939.29	Rupees Two Thousand Nine Hundred and Thirty Nine and Two Nine Paise Only	11757.16
10	1.23.1 Supplying and fixing following piano type switch / socket on the existing switch box/ cover including connections etc. as required. 5/6 amps switch	50	E	46.9	Rupees Forty Six and nine Paise Only	2345
11	1.23.4 Supplying and fixing following piano type switch / socket on the existing switch box/ cover including connections etc. as required. 3 pin 5/6 amp socket outlet	15	E	57.93	Rupees Fifty seven and Nine Three Paise Only	868.95

12	1.25 Supplying and fixing two module stepped type electronic fan regulator on the existing modular plateswitch box including connections but excluding modular plate etc. as required.	12	E	397.24	Rupees Three Hundred and Ninety Seven and Two Four Paise Only	4766.88
	TOTAL					142850.54
	Rounded to					142851.00

PAC Rs142851.00(Rupees One Lakh Forty Two Thousand Eight Hundred and Fifty One Only)

I/We agreed to execute the work

1 at Below estimate rate

2 at estimate rate

3. at Above estimate rate

CONTRACTOR

S/d
UNIVERSITY ENGINEER