

**UNIVERSITY OF KERALA
ENGINEERING UNIT**

**Tender schedule ELECTRICAL WORKS IN CONNECTION WITH SHIFTING OF CSS OFFICE TO THE GOLDEN
JUBILEE BUILDING AT KARIAVATTOM CAMPUS.**

SL.NO	SPECIFICATION	QTY	UNIT	RATE	RATE IN WORDS	AMOUNT
1.01	od98589/2020_2021 : Supply and wiring points according to IS: 732-1989 using ISI marked rigid PVC conduit of minimum size 20 mm conforming to IS: 9537 Part-3 1983 and with suitable size specials conforming to IS: 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cms or concealed suitably and with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable of 650 / 1100 V grade, including providing switch board main and continuous earthing with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable 650 / 1100 V grade, required quantity of copper earth socket, brass bolt and nut, crimping / soldering etc complete with suitable size modular type metal switch boxes, modular type front plates (white) etc up to and including 6A modular type SP switches and making good the surface of wall, colour washing etc complete. All the terminations in the switch boards and DB's shall be tinned and the wires shall be drawn and fixed along the periphery of the box using suitable ties, tie mounts etc as required. (RoHS compliant modular accessories)&br>Single control light point with 6A, 3-plate ceiling rose - Short point.	20.00	point	926.79	Rupees Nine Hundred and Twenty Six and Ps Seventy Nine only	18535.8
1.02	od98597/2020_2021 : Supply and wiring points according to IS: 732-1989 using ISI marked rigid PVC conduit of minimum size 20 mm conforming to IS: 9537 Part-3 1983 and with suitable size specials conforming to IS: 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cms or concealed suitably and with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable of 650 / 1100 V grade, including providing switch board main and continuous earthing with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable 650 / 1100 V grade, required quantity of copper earth socket, brass bolt and nut, crimping / soldering etc complete with suitable size modular type metal switch boxes, modular type front plates (white) etc up to and including 6A modular type SP switches and making good the surface of wall, colour washing etc complete. All the terminations in the switch boards and DB's shall be tinned and the wires shall be drawn and fixed along the periphery of the box using suitable ties, tie mounts etc as required. (RoHS compliant modular accessories)&br>Single control ceiling fan point with 6A, 3-plate ceiling rose & with socket size stepped electronic regulator - Short point.	10.00	point	1409.27	Rupees One Thousand Four Hundred and Nine and Ps Twenty Seven only	14092.7

1.03	od98598/2020_2021 : Supply and wiring points according to IS: 732-1989 using ISI marked rigid PVC conduit of minimum size 20 mm conforming to IS: 9537 Part-3 1983 and with suitable size specials conforming to IS: 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cms or concealed suitably and with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable of 650 / 1100 V grade, including providing switch board main and continuous earthing with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable 650 / 1100 V grade, required quantity of copper earth socket, brass bolt and nut, crimping / soldering etc complete with suitable size modular type metal switch boxes, modular type front plates (white) etc up to and including 6A modular type SP switches and making good the surface of wall, colour washing etc complete. All the terminations in the switch boards and DB's shall be tinned and the wires shall be drawn and fixed along the periphery of the box using suitable ties, tie mounts etc as required. (RoHS compliant modular accessories) Call bell point with 6A bell push at one end and 6A, 3-plate ceiling rose at other end - Short point.	1.00	point	966.79	Rupees Nine Hundred and Sixty Six and Ps Seventy Nine only	966.79
1.04	od98599/2020_2021 : Supply and wiring points according to IS: 732-1989 using ISI marked rigid PVC conduit of minimum size 20 mm conforming to IS: 9537 Part-3 1983 and with suitable size specials conforming to IS: 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cms or concealed suitably and with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable of 650 / 1100 V grade, including providing switch board main and continuous earthing with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable 650 / 1100 V grade, required quantity of copper earth socket, brass bolt and nut, crimping / soldering etc complete with suitable size modular type metal switch boxes, modular type front plates (white) etc up to and including 6A modular type SP switches and making good the surface of wall, colour washing etc complete. All the terminations in the switch boards and DB's shall be tinned and the wires shall be drawn and fixed along the periphery of the box using suitable ties, tie mounts etc as required. (RoHS compliant modular accessories) Combined plug point with 6A, 5-pin plug socket controlled by 6A switch in the same switch board as that of light points - Short point.	5.00	point	522.75	Rupees Five Hundred and Twenty Two and Ps Seventy Five only	2613.75
1.05	90.3.20.3 : Supply & installation of light fittings on TW round block Supply, conveyance installation testing and commissioning the light fittings of following types made of CRCA with 0.5mm thickness complete with all accessories and lamps etc. directly on wall or ceiling with PVC round block neatly painted to suit the fitting and giving connection with required length of 16/0.20mm 3 core copper conductor flex wire conforming to relevant ISS and giving connections as required.1200 mm 1X20W LED Lamp with box type fixture	10.00	each	1211.03	Rupees One Thousand Two Hundred and Eleven and Ps Three only	12110.3

1.06	90.3.24.3 : Supply & installation of light fittings suspended on ball & socket arrangement with 19 mm down rod Supply, conveyance, installation, testing and commissioning the light fittings of following types made of .5mm thick CRCA sheet accessories and lamps etc. including supplying and fixing ball and socket arrangements on PVC round block, suspension down rod of 19mm dia MS conduit up to 2x30cm length including painting and wiring the down rod with 16/0.20mm 3 core round copper conductor flex wire conforming to relevant ISS or extending the original wiring and giving connections etc. a required.1200 mm 1X20W LED Lamp with box type fixture	10.00	each	1444.79	Rupees One Thousand Four Hundred and Forty Four and Ps Seventy Nine only	14447.9
1.07	90.4.1 : Supply and installation of suitable size MS rod type fan clamp in the RCC slab as per IS 732 as required.	5.00	each	151.79	Rupees One Hundred and Fifty One and Ps seventy Nine only	758.95
1.08	90.4.5.2 : Supply, conveyance, installation, testing and commissioning of ceiling fans of the following sizes using standard accessories excluding resistance type regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required.1200mm sweep -5star rated ceiling fan complete with 300mm down rod , canopies, shackeles and blades and resistance type regulator working on 230V/240V single phase A/C	10.00	each	1862.03	Rupees One Thousand Eight Hundred and Sixty Two and Ps Three only	18620.3
1.09	1.38 : Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts, complete as required.	1.00	each	84.14	Rupees Eighty Four and Ps Fourteen only	84.14

1.10	1.21.1 : Supplying and fixing of following sizes of medium class 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	25.00	metre	78.62	Rupees Seventy Eight and Ps sixty Two only	1965.5
1.11	1.21.2 : Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.25 mm	50.00	metre	95.17	Rupees Ninety Five and Ps Seventeen only	4758.5
1.12	od98857/2020_2021 : Supply and providing 25 mm corrugated PVC flexible conduit as required at site.	10.00	metre	24.52	Rupees Twenty Four and Ps Fifty Two only	245.2
1.13	90.9.1.1 : Supply and fixing 50 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.50x50mm Cable Management System with base and lid	15.00	metre	691.21	Rupees Six Hundred and Ninety One and Ps Twenty One only	10368.15
1.14	90.9.1.7 : Supply and fixing 50 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.End cap	2.00	each	90.07	Rupees Ninety and Ps Seven only	180.14
1.15	90.9.1.9 : Supply and fixing 50 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.Joint cover	4.00	each	80.07	Rupees Eighty and Ps Seven only	320.28

1.16	90.9.2.1 : Supply and fixing 100 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.100 x 50 mm CMS with base and lid	50.00	metre	1000.21	Rupees One Thousand and Ps Twenty One only	50010.5
1.17	90.9.2.8 : Supply and fixing 100 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.End cap	4.00	each	132.07	Rupees One Hundred and Thirty Two Ps Seven only	528.28
1.18	90.9.2.10 : Supply and fixing 100 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.Joint cover	5.00	each	102.07	Rupees One Hundred and Two Ps Seven only	510.35
1.19	90.9.2.3 : Supply and fixing 100 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.External angle 90 degree	4.00	each	241.07	Rupees Two Hundred and Forty One Ps Seven only	964.28
1.20	90.9.2.5 : Supply and fixing 100 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.Internal angle 90 degree	4.00	each	241.07	Rupees Two Hundred and Forty One Ps Seven only	964.28

1.21	90.9.2.12 : Supply and fixing 100 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.1 to 3 module mounting box	8.00	each	159.86	Rupees One Hundred and Fifty Nine Ps Eighty Six only	1278.88
1.22	90.9.2.14 : Supply and fixing 100 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.8 module mounting box	15.00	each	259.86	Rupees Two Hundred and Fifty Nine Ps Eighty Six only	3897.9
1.23	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	225.00	metre	31.72	Rupees Thirty One and Ps seventy Two only	7137
1.24	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	200.00	metre	68.97	Rupees Sixty Eight and Ps Ninety Seven only	13794
1.25	od98583/2020_2021 : 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 2.5 sq. mm	30.00	metre	42.76	RupeesForty Two and Ps Seventy Six only	1282.8
1.26	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	225.00	metre	73.10	Rupees Seventy Three and Ps Ten only	16447.5

1.27	od98584/2020_2021 : 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 4 sq. mm	40.00	metre	63.45	Rupees Sixty Three and Ps Forty Five only	2538
1.28	1.17.20 : 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 4 sq. mm	45.00	metre	108.96	Rupees One Hundred and Eight and Ps Ninety Six only	4903.2
1.29	1.17.22 : Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.4 x 4 sq. mm	10.00	metre	204.14	Rupees Two Hundred and Four and Ps Forteen only	2041.4
1.30	1.17.29 : 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 6 sq. mm	40.00	metre	158.62	Rupees One Hundred and Fifty Eight and Ps Sixty Two only	6344.8
1.31	90.6.4.54 : Supply and drawing 650/1100 V grade FRLS PVC insulated stranded single core copper conductor cables conforming to IS 694 part I 1990 in the existing surface / recess conduit as required including giving necessary connections of the following sizes.10.00 sq.mm 4 Run	15.00	metre	517.65	Rupees Five Hundred and Seventeen and Ps Sixty Five only	7764.75
1.32	1.24.1 : Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.5/6 amps switch	36.00	each	115.86	Rupees One Hundred and Fifteen and Ps Eighty Six only	4170.96

1.33	1.24.3 : Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.15/16 amp switch	12.00	each	157.24	Rupees One Hundred and Fifty Seven and PsTwenty Four only	1886.88
1.34	90.10.3.15 : Supply and Fixing the following modular switches & accessories in the existing front plates and giving necessary connections as required (RoHS compliant)32A DP switch with indicator	3.00	each	555.07	Rupees One Hundred and Eleven and Ps Sevenonly	1665.21
1.35	1.24.4 : Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.3 pin 5/6 amp socket outlet	54.00	each	111.72	Rupees One Hundred and Eleven and Ps Seventy Two only	6032.88
1.36	1.24.5 : Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.6 pin 15/16 amp socket outlet	12.00	each	211.03	Rupees Two Hundred and Eleven and Ps Three only	2532.36
1.37	90.10.3.33 : Supply and Fixing the following modular switches & accessories in the existing front plates and giving necessary connections as required (RoHS compliant)25A 3pin Shuttered socket	3.00	each	309.79	Rupees Three Hundred and Nine and Ps seventy Nine only	929.37
1.38	1.26 : Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	2.00	each	33.10	Rupees Thirty Three and Ps Ten only	66.2

1.39	1.27.1 : Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.1 or 2 Module (75mmX75mm)	6.00	each	241.38	Rupees wo Hundred and Forty One and Ps Thirty Eight only	1448.28
1.40	1.27.2 : Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.3 Module (100mmX75mm)	4.00	each	255.17	Rupees Two Hundred and Fifty Five Ps Seventeen only	1020.68
1.41	1.27.5 : Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.8 Module (125mmX125mm)	3.00	each	409.65	Rupees Four Hundred and Nine and Ps Sixty Five only	1228.95
1.42	1.28.2 : Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.3 Module	8.00	each	125.52	Rupees One Hundred and Twenty Five and Ps Fifty Two only	1004.16
1.43	1.28.5 : Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.8 Module	15.00	each	208.27	Rupees Two Hundred and Eight and Ps Twenty Seven only	3124.05
1.44	2.1.2 : Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc. as required.63 Amp TP & N	2.00	each	2910.32	Rupees Two Thousand Nine Hundred and Ten Ps Thirty Two only	5820.64

1.45	2.1.3 : Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc. as required.100 Amp TP&N	2.00	each	6035.82	Rupees Six Thousand and Thirty Five Ps Eighty Two only	12071.64
1.46	2.3.3 : Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCBIRCCB/Isolator12 way, Double door	2.00	each	1587.57	Rupees OneThousand Five Hundred and Eighty Seven Ps Fifty Seven only	3175.14
1.47	90.11.1.11 : Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required6 way (8+18) - three phase double cover (IP 42/43)	1.00	each	4424.72	Rupees Four Thousand Four Hundred and Twenty Four and Ps Seventy Two only	4424.72
1.48	90.11.1.14 : Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required4 way (8+12) - double cover TPN vertical DB with provision for fixing 4P MCB / Isolator/ RCCB/ RCBO as incomer and SP/ TP MCB as outgoing (IP 42/43)	1.00	each	6475.72	Rupees Six Thousand Four Hundred and Seventy Five and Ps Seventy Two only	6475.72
1.49	od99831/2020_2021 : Supplying and fixing 4-pole sheet steel enclosure conforming to IEC: 61439-3 on surface / in recess and suitable for mounting MCB / Isolator complete with connections, testing, commissioning etc. as required.	2.00	each	405.65	Rupees Four Hundred and Five and Ps Sixty Five only	811.3

1.50	2.10.1 : Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.Single pole	40.00	each	238.62	Rupees Two Hundred and Thirty Eight and Ps Sixty Two only	9544.8
1.51	od98855/2020_2021 : Supplying and fixing 40A, 10kA, TP MCB (C curve) suitable for 415 V, 50 Hz AC supply conforming to IS/IEC 60898 in the existing MCB DB complete with connections, testing and commissioning etc. as required.	1.00	each	1564.03	Rupees One Thousand Five Hundred and Sixty Four and Ps Three only	1564.03
1.52	2.12.1 : Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.40 amps	3.00	each	306.20	Rupees Three Hundred and Six and Ps Twenty only	918.6
1.53	2.13.1 : Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.40 amps	1.00	each	919.99	Rupees Nine Hundred and Nineteen and Ps Ninety Nine only	919.99
1.54	2.13.2 : Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.63 amps	1.00	each	935.17	Rupees Nine Hundred and Thirty Five and Ps Seventeen only	935.17
1.55	2.14.2 : Supplying and fixing following rating, double pole, (single phase and neutral), 240 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	2.00	each	2371.02	Rupees Two Thousand Three Hundred and Seventy One and Ps Two only	4742.04

1.56	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	1.00	each	2939.29	Rupees Two Thousand Nine Hundred and Thirty Nine and Ps Twenty Nine only	2939.29
1.57	2.11 : Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	10.00	each	9.66	Rupees Nine and Ps Sixty Six only	96.6
1.58	90.12.7.43 : Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as required.4 core 35 sq mm with factory made clamp	20.00	metre	403.10	Rupees Four Hundred and Three and Ps Ten only	8062
1.59	9.1.35 : Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.4 X 35 sq. mm (32mm)	2.00	set	390.34	Rupees Three Hundred and Ninety and Ps Thirty Four only	780.68
1.60	od98866/2020_2021 : Supplying and providing earth clamps for siemens / tropodur type cable glands of suitable length and other dimensions noted along with each size of glands for the following sizes of cables as required. 25 sq. mm to 95 sq. mm with 20 mm wide x 1.20 mm thick clip.	2.00	each	36.83	Rupees Thirty Six and Ps Eighty Three only	73.66
1.61	90.16.1.3 : Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required3.15 mm copper conductor (10 SWG)	40.00	metre	57.41	Rupees Fifty Seven and Ps Forty One only	2296.4

1.62	90.16.5.3 : Supply of superior quality copper earth socket for the following size of earth conductor including crimping etc. as required.3.15 mm (10 SWG)	6.00	each	20.41	Rupees Twenty and Ps Forty One only	122.46
1.63	od262513/2019_2020 : Supply and fixing LED indicator (6 V AC/DC, 12 V AC/DC, 24 V AC/DC, 48 V AC/DC, 63.5 V AC/DC, 110 V AC/DC, 220 V DC, 240 V AC) 22.5 mm cut out dia including giving connections as required- RED
	1.00	each	77.21	Rupees Seventy Seven and Ps Twenty One only	77.21
1.64	od262514/2019_2020 : Supply and fixing LED indicator (6 V AC/DC, 12 V AC/DC, 24 V AC/DC, 48 V AC/DC, 63.5 V AC/DC, 110 V AC/DC, 220 V DC, 240 V AC) 22.5 mm cut out dia including giving connections as required- YELLOW
	1.00	each	77.21	Rupees Seventy Seven and Ps Twenty One only	77.21
1.65	od262515/2019_2020 : Supply and fixing LED indicator (6 V AC/DC, 12 V AC/DC, 24 V AC/DC, 48 V AC/DC, 63.5 V AC/DC, 110 V AC/DC, 220 V DC, 240 V AC) 22.5 mm cut out dia including giving connections as required- BLUE
	1.00	each	103.83	Rupees One Hundred and Three and Ps Eighty Three only	103.83
TOTAL						311619.4
12 % G.S.T						37394.33
GRAND TOTAL						349013.8
PAC Rs.3,49,014- (Rs.Three Lakh Forty Nine thousand and Seventy One only)						

I/We agreed to execute the work.

1.% above the estimate rate.

2.% below the estimate rate.

3. At the estimate rate.

CONTRACTOR

sd/-
UNIVERSITY ENGINEER