

UNIVERSITY OF KERALA							
ENGINEERING UNIT, KARIAVATTOM							
TENDER SCHEDULE FOR THE ELECTRIFICATION WORKS FOR RENOVATION OF THE GAMMA SHINE UNIT BUILDING IN THE DEPARTMENT OF BOTANY AT KARIAVATTOM CAMPUS FOR IMPLEMENTATION OF THE SEED BANK PROJECT.							
SI No	Qty	Unit	Description of Item	unit	Rate	Rate in words	Amount
1.00	19	No.	Supply and wiring single control light point with 6A 3plate ceiling rose according to IS 732-1989 using rigid PVC conduit of minimum size 20 mm with specials conforming to IS 9537 part III 1983 and with suitable size specials conforming to IS 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cm or concealed suitably and with 1.00 sq mm FR PVC insulated stranded single core copper conductor cable 650V grade, including providing switch board main and continuous earthing with No.14 SWG bare copper,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. (Group B/ RoHS compliant modular accessories).	E	841.00	Rupees Eight hundred and forty one only	15,979.00

2.00	1	No.	Supply and wiring single control light point without ceiling rose according to IS 732-1989 using rigid PVC conduit of minimum size 20 mm with specials conforming to IS 9537 part III 1983 and with suitable size specials onforming to IS 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cm or concealed suitably and with 1.00 sq mm FR PVC insulated stranded single core copper conductor cable 650V grade, including providing switch board main and continuous earthing with No.14 SWG bare copper,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. (Group B/ RoHS compliant modular accessories).	E	823.00	Rupees Eight hundred and twenty three only	823.00
3.00	6	No.	Supply and wiring single control ceiling fan points with 6 A 3 plate ceiling rose & with socket size stepped electronic regulator according to IS 732-1989 using rigid PVC conduit of minimum size 20 mm with specials conforming to IS 9537 part III 1983 and with suitable size specials conforming to IS 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cm or concealed suitably and with 1.00 sq mm FR PVC insulated stranded single core copper conductor cable 650V grade, including providing switch board main and continuous earthing with No.14 SWG bare copper,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. (Group B/ RoHS compliant modular accessories).	E	1498.00	Rupees One thousand Four hundred and ninety eight only	8,988.00

4.00	5	No.	Combined plug point with 6 A, 5 pin plug socket controlled by 6 A switch in the same switch board as that of light points.	E	421.00	Rupees Four hundred and twenty one only	2,105.00
5.00	1	No.	Supply and wiring independant plug points with 6 A one way modular type switch and 6A 3 pin shuttered plug socket using rigid PVC conduit of minimum size 20 mm with specials conforming to IS 9537 part III 1983 and with suitable size specials conforming to IS 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cm or concealed suitably and with 1.00 sq mm FR PVC insulated stranded single core copper conductor cable 650V grade, continuous earthing with No.14 SWG bare copper,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) and making good the surface of wall, colour washing etc. complete. (Group B/ RoHS compliant modular accessories).	E	561.00	Rupees Five hundred and sixty one only	561.00
6.00	2	No.	Supply, conveyance installation testing and commissioning of 1x28 W T5 with APF elecxtronic ballast suitable for continuous operation withg THD <10%, power factor >0.98 , RoHS complaint, high lumen tube light fittings 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.	E	1717.00	Rupees One thousand Seven hundred and seventeen only	3,434.00

7.00	12	No.	Supply, conveyance, installation, testing and commissioning of 1x28 W T5 fitting with APF electronic ballast suitable continuous operation with THD < 10%, power factor > 0.98, RoHS complaint, high lumen tube light fittings made of 0.5mm 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. as required.	E	1915.00	Rupees One thousand Nine hundred and fifteen only	22,980.00
8.00	5	m	Supplying and providing <i>extra H.G conduit down rod of 19 mm dia 2 x 1.00 m</i> long with 16/0.20 mm 3 core copper conductor flex wire conforming to relevant ISS or with the extended original wiring and giving connection etc. as required.	m	198.00	Rupees One hundred and ninety eight only	990.00
9.00	1	No.	Supply and fixing angle / straight brass lined skirt type, <i>bakelite batten holder</i> without shade and giving connection etc as required	E	63.00	Rupees Sixty three only	63.00
10.00	4	No.	Supply and providing Normal size 15 W BC / ES retrofit CFL and power rated <i>lamps</i> in the existing fittings as required	E	167.00	Rupees One hundred and sixty seven only	668.00
11.00	3	No.	Supply and fixing <i>cast aluminium stove enameled bulk head fitting</i> with deep drawn anodised aluminium body, epoxy powder coated, heat resistant prismatic glass cover suitable for 9 W CFL to wall / ceiling including giving connections with required length of 16/0.20mm PVC insulated and PVC sheathed 3 core round copper conductor flex wire conforming to relevant ISS or extending the original wiring and making good the surface as required.	E	601.00	Rupees Six hundred and one only	1,803.00

12.00	3	No.	Supply, conveyance, installation, testing and commissioning of pre-wired street light fitting with 4x14 W T5 lamp with aluminium housing, acrylic cover complete with lamp holder, APF electronic ballast suitable for continuous operation with THD <10%, power factor >0.98, RoHS compliant, high lumen tube complete with all accessories in the existing GI pipe and giving connections with required length of 16/0.20mm 3 core copper conductor flex wire conforming to relevant ISS or extending the original wiring and giving connection etc. as required.	E	8353.00	Rupees Eight thousand Three hundred and Fifty three only	25,059.00
13.00	4.5	m	Supply, fabrication, conveyance and fixing 40 mm dia with clamps made from 20 x 3 mm MS flat 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 (for the installation of outdoor light fittings).	m	347.00	Rupees Three hundred and forty seven only	1,561.50
14.00	6	No.	Supply and installation of suitable size <i>MS rod type fan clamp</i> as per IS 732 as required.	E	124.00	Rupees One hundred and twenty four only	744.00
15.00	3	m	Supply and providing every additional length of down rod of suitable size heavy gauge GI / WI pipe with 16/0.20mm PVC insulated and PVC sheathed 3 core round copper conductor flex wire conforming in relevant ISS or with original wiring extended including painting as required.	m	115.00	Rupees One hundred and fifteen only	345.00
16.00	6	No.	Supply, conveyance, installation, testing and commissioning of 1200 mm sweep 5 star rated ceiling fans 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.	E	1853.00	Rupees One thousand Eight hundred and fifty three only	11,118.00

17.00	1	No.	Supply, conveyance, installation, testing and commissioning wall mounting fan of 400 mm sweeps using mounting brackets supplied along with the fan and giving connection with existing wire.	E	1746.00	Rupees One thousand Seven hundred and forty six only	1,746.00
18.00	1	No.	Charges for cutting holes suitable for accommodating exhaust fans of sizes up to 305 mm sweep including plastering, colour washing etc. as required.	E	294.00	Rupees Two hundred and ninety four only	294.00
19.00	1	No.	Supply, conveyance, installation, testing and commissioning of 200mm single phase light duty exhaust fan in plastic body with opening louvers in the existing opening, fixing necessary bolt and nuts, making good the damages etc. as required including giving connections with required length of 24/0.20mm PVC insulated and PVC sheathed 3 core round copper conductor flex wire conforming to relevant ISS.	E	1538.00	Rupees One thousand Five hundred and thirty eight only	1,538.00
20.00	245	m	Supply and fixing 20 mm dia light guage <i>PVC Conduit</i> conforming to IS 9537 / 1983 part III along with all required accessories <i>on surface</i> including making good the damages etc as required.	m	83.00	Rupees Eighty three only	20,335.00
21.00	10	m	Supply and fixing 25 mm dia light guage <i>PVC Conduit</i> conforming to IS 9537 / 1983 part III along with all required accessories <i>on surface</i> including making good the damages etc as required.	m	95.00	Rupees Ninety five only	950.00
22.00	25	m	Supply and fixing 20 mm dia light guage PVC Conduit conforming to IS 9537 / 1983 part III along with all required accessories in recess including cutting the wall and making good the damages etc as required.	m	120.00	Rupees One hundred and twenty only	3,000.00
23.00	5	m	Supply and fixing 25 mm dia light guage PVC Conduit conforming to IS 9537 / 1983 part III along with all required accessories in recess including cutting the wall and making good the damages etc as required.	m	133.00	Rupees One hundred and thirty three only	665.00
24.00	140	m	Supply and drawing 650/1100 V grade 1.50 sqmm 1 run <i>PVC insulated stranded single core copper conductor cables</i> conforming to IS 694 part I 1990 in the existing surface / recess conduit as required including giving necessary connections .	m	45.00	Rupees Forty five only	6,300.00

25.00	20	m	Supply and drawing 650/1100 V grade 1.50 sqmm 2 run <i>PVC insulated stranded single core copper conductor cables</i> conforming to IS 694 part I 1990 in the existing surface / recess conduit as required including giving necessary connections .	m	61.00	Rupees Sixty one only	1,220.00
26.00	8	m	Supply and drawing 650/1100 V grade 2.50 sqmm 1 run <i>PVC insulated stranded single core copper conductor cables</i> conforming to IS 694 part I 1990 in the existing surface / recess conduit as required including giving necessary connections .	m	55.00	Rupees Fifty five only	440.00
27.00	152	m	Supply and drawing 650/1100 V grade 2.50 sqmm 2 run <i>PVC insulated stranded single core copper conductor cables</i> conforming to IS 694 part I 1990 in the existing surface / recess conduit as required including giving necessary connections .	m	81.00	Rupees Eighty one only	12,312.00
28.00	20	m	Supply and drawing 650/1100 V grade 2.50 sqmm 4 run <i>PVC insulated stranded single core copper conductor cables</i> conforming to IS 694 part I 1990 in the existing surface / recess conduit as required including giving necessary connections .	m	134.00	Rupees One hundred and thirty four only	2,680.00
29.00	8	m	Supply and drawing 650/1100 V grade 4 sqmm 2 run <i>PVC insulated stranded single core copper conductor cables</i> conforming to IS 694 part I 1990 in the existing surface / recess conduit as required including giving necessary connections .	m	106.00	Rupees One hundred and six only	848.00
30.00	12	m	Supply and drawing 650/1100 V grade 6 sqmm 4 run <i>PVC insulated stranded single core copper conductor cables</i> conforming to IS 694 part I 1990 in the existing surface / recess conduit as required including giving necessary connections .	m	260.00	Rupees Two hundred and sixty only	3,120.00
31.00	40	m	Supply and drawing 650/1100 V grade 1.5 sqmm 3 run <i>PVC insulated stranded single core copper conductor cables</i> conforming to IS 694 part I 1990 in the existing surface / recess conduit as required including giving necessary connections	m	77.00	Rupees Seventy seven only	3,080.00

32.00	20	m	Supply and drawing 650/1100 V grade 1.5 sqmm 5 run 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	m	110.00	Rupees One hundred and ten only	2,200.00
33.00	3	No.	Supply & Fixing 1 module metal box in recess for modular accessories in surface/ recess including making good the damages, colour washing etc as required (Group B/ RoHS compliant )	E	165.00	Rupees One hundred and sixty five only	495.00
34.00	13	No.	Supply & Fixing 10 module metal box in recess for modular accessories in surface/ recess including making good the damages, colour washing etc as required (Group B/ RoHS compliant )	E	330.00	Rupees Three hundred and thirty only	4,290.00
35.00	3	No.	Supply & Fixing 1 module white/off white front plates on the existing modular boxes. (Group B/ RoHS compliant )	E	101.00	Rupees One hundred and one only	303.00
36.00	13	No.	Supply & Fixing 10 module white/off white front plates on the existing modular boxes. (Group B/ RoHS compliant )	E	216.00	Rupees Two hundred and sixteen only	2,808.00
37.00	50	m	Supplying & Drawing Cat 6UTP cable conforming to relevant standards through the existing conduit and giving connections as required	m	52.00	Rupees Fifty two only	2,600.00
38.00	10	m	Supplying & Drawing unarmored PVC insulated and & PVC sheathed copper conductor 2 Pair Telephone Pair Cable conforming to ITD specification for indoor application through the existing conduit	m	32.00	Rupees Thirty two only	320.00
39.00	26	No.	Supply and Fixing 6 A SP 1 way modular switch in the existing front plates and giving necessary connections as required (Group B RoHS compliant )	E	119.00	Rupees One hundred and nineteen only	3,094.00
40.00	13	No.	Supply and Fixing 16 A SP 1 way modular switch in the existing front plates and giving necessary connections as required (Group B RoHS compliant )	E	161.00	Rupees One hundred and sixty one only	2,093.00
41.00	26	No.	Supply and Fixing 6 A 3 pin shuttered socket in the existing front plates and giving necessary connections as required (Group B RoHS compliant )	E	157.00	Rupees One hundred and fifty seven only	4,082.00
42.00	13	No.	Supply and Fixing 6/16 A 3 pin socket in the existing front plates and giving necessary connections as required (Group B RoHS compliant )	E	223.00	Rupees Two hundred and twenty three only	2,899.00



43.00	13	No.	Supply and Fixing Blank plate 1 M in the existing front plates and giving necessary connections as required (Group B RoHS compliant )	E	19.00	Rupees Nineteen only	247.00
44.00	1.00	No.	Supply and Fixing RJ 11 Telephone jack with shutter pin socket in the existing front plates and giving necessary connections as required (Group B RoHS compliant )	E	139.00	Rupees One hundred and thirty nine only	139.00
45.00	1	No.	Supply and Fixing RJ 45 in the existing front plates and giving necessary connections as required (Group B RoHS compliant )	E	119.00	Rupees One hundred and nineteen only	119.00
46.00	1	No.	Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of 6 way (8+18) - double cover TPN vertical DB with provision for fixing MCCB as incomer and SP/ TP MCB as outgoing (IP 42/43) DP enclosure with 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 required	E	10124.00	Rupees Ten thousand One hundred and twenty four only	10,124.00
47.00	1	No.	Supply and installation of cable end boxes suitable for 6/8 way DB and fixing the same on wall in recess and making good the damages colour washing etvc as requirted	E	1600.00	Rupees One thousand and six hundred only	1,600.00
48.00	1	No.	Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of 6 way (8+18) 3 phase double cover (IP 42/43) 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 required	E	4039.00	Rupees Four thousand and thirty nine only	4,039.00
49.00	1	No.	Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of 12 way single phase double cover (IP 42/43) 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 required	E	1899.00	Rupees One thousand Eight hundred and ninety nine only	1,899.00

<b>50.00</b>	1	No.	Supply and installation of 40 A double pole mini brake isolator suitable for 50 Hz , AC supply conforming to IS 8828-1995/ IEC 60898 of the following current ratings in the existing enclosure and giving connections as required	E	356.00	Rupees Three hundred and fifty six only	356.00
<b>51.00</b>	1	No.	Supply and installation of 40 A four pole mini brake isolator suitable for 50 Hz , AC supply conforming to IS 8828-1995/ IEC 60898 of the following current ratings in the existing enclosure and giving connections as required	E	716.00	Rupees Seven hundred and Sixteen only	716.00
<b>52.00</b>	1	No.	Supply and installation of 40 A 2 pole 30 mA RCCB suitable for 50 Hz , AC supply conforming to IS 8828-1995/ IEC 60898 in the existing enclosure and giving connections as required	E	2357.00	Rupees Two thousand Three hundred and fifty seven only	2,357.00
<b>53.00</b>	1	No.	Supply and installation of 40 A 4 pole 100 mA RCCB suitable for 50 Hz , AC supply conforming to IS 8828-1995/ IEC 60898 in the existing enclosure and giving connections as required	E	2881.00	Rupees Two thousand Eight hundred and Eighty one only	2,881.00
<b>54.00</b>	1	No.	Supply and installation of 32 A, 10 KA TP MCB (C curve ) , AC supply conforming to IS 8828-1995/ IEC 60898 in the existing enclosure and giving connections as required	E	908.00	Rupees Nine hundred and eight only	908.00
<b>55.00</b>	1	No.	Supply and installation of 40 A, 10 KA TP MCB (C curve ) , AC supply conforming to IS 8828-1995/ IEC 60898 in the existing enclosure and giving connections as required	E	1369.00	Rupees One thousand three hundred and sixty nine only	1,369.00
<b>56.00</b>	17	No.	Supply and installation of 6-32 A SP MCB ( C curve) suitable for 50 Hz , AC supply conforming to IS 8828-1995/ IEC 60898 in the existing enclosure and giving connections as required	E	219.00	Rupees Two hundred and nineteen only	3,723.00
<b>57.00</b>	1	No.	100A, 25/35 kA (Ics=100%Icu), 4 pole, current limiting type MCCB having thermal setting range of 80 - 100% with thermal magnetic release having adjustable OL	E	7633.00	Rupees Seven thousand Six hundred and thirty three only	7,633.00
<b>58.00</b>	126	m	Supply & laying of 4 core 70 Sqmm PVC insulated and PVC sheathed armoured aluminium power cable of 1.1KV grade of the following sizes in ground including excavation of trench of size 35 x 75 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil).	m	590.00	Rupees Five hundred and ninety only	74,340.00

<b>59.00</b>	30	m	Supply, laying and clamping of 1 no. 4 core 70 Sqmm PVC insulated and PVC sheathed armoured aluminium power cable, 1.1 KV grade with factory made clamps , spacing of clamps xceeding 60cms, making good the damages , colour washing etc. as required.	m	548.00	Rupees Five hundred and forty eight only	16,440.00
<b>60.00</b>	120	m	<i>Supplying, laying and jointing of 63/50 mm or nearest size double wall corrugated (DWC) pipes made out of HDPE conforming to IS 14930 Part II for mechanical protection to underground power cables with all required accessories in ground in the existing trench</i>	m	131.00	Rupees One hundred and thirty one only	15,720.00
<b>61.00</b>	6	m	<i>Supplying , threading , laying and jointing of 50 mm of 'B' class GI pipe with all required accessories in ground in the existing trench as protective covering to cable</i>	m	323.00	Rupees Three hundred and twenty three only	1,938.00
<b>62.00</b>	5.00	No.	Supply route marker with 102mmx102mm <i>cast iron, spike</i> 5mm thick with inscription ' <i>LT Cable</i> ' there on bolted / welded to 35x35x6mm angle iron 60cm long and fixing the same in ground as required.	E	194.00	Rupees One hundred and ninety four only	970.00
<b>63.00</b>	2	No.	Supplying siemens / tropodur type nickel plated Double compression brass cable gland for PVC insulated and PVC sheathed armoured aluminium/ copper conductor cable 1.1 KV grade, and making end termination suitable for 4 core cable of 95 sqmm as required	E	807.00	Rupees Eight hundred and seven only	1,614.00
<b>64.00</b>	2	No.	Supplying and providing 95 sqmm with 20 mm wide x 1 mm thick clip <i>earth clamps</i> for siemens/ tropodur type cable glands of suitable length and other dimensions noted along with each size of glands as required.	E	27.00	Rupees Twenty seven only	54.00
<b>65.00</b>	8	No.	Supply of superior quality aluminium tubular cable socket and making core termination of cables of 95 sqmm including crimping etc. as required.	E	26.00	Rupees Twenty six only	208.00

66.00	2.00	No.	Supply and providing plate earthing as per IS 3043 with 600x600x6.30 mm GI/CI earth plate, 20 mm GI watering pipe fixed to the earth plate with 20 x 3 mm GI clamps, GI funnel with weld mesh, filling required quantity of charcoal including construction of inspection chamber with a bed concrete of 1:4:8 PCC using 40 mm broken stone (10 cm thick), brick work in cement mortar 1:6, plastering the surface of brick masonry and the exposed surface of PCC bed with cement mortar 1:4, 12 mm thick, (the finished inside dimension shall be 300 x 300 x 300 mm) but excluding test joint, earth continuity conductor to the plate, and covering at the top. (in ordinary soil)	E	3917.00	Rupees Three thousand Nine hundred and seventeen only	7,834.00
67.00	2.00	No.	Supply and providing 300x300x6mm cast iron gully trap <i>with covering</i> at the top of the inspection chamber of earth pit as required	E	267.00	Rupees Two hundred and sixty seven only	534.00
68.00	0.60	m	Supply and providing <i>test joint for the earthing system</i> using 2 Nos 25x3mm tinned copper strip including cutting and bending to shape, drilling necessary holes and fixed to the watering pipe etc as required.	m	598.00	Rupees Five hundred and ninety eight only	358.80
69.00	8.00	m	Supply and providing <i>earth lead from the test joint to the earth electrode</i> using 25x3mm copper strip tinned at the points of contacts including cutting, drilling necessary holes (in case of strip) and fixing firmly with plate test joint etc as required.	m	483.00	Rupees Four hundred and eighty three only	3,864.00
70.00	25.00	m	Supply and laying bare <i>earthing conductors 4.00 mm copper conductor (8 SWG) laid 0.6 m below ground level including excavating trench</i> of suitable size and refilling etc. as required ( <i>in ordinary soil</i> ).	m	107.00	Rupees One hundred and seven only	2,675.00
71.00	30.00	m	Supply and drawing bare <i>earthing conductors</i> of 4.00 mm copper ( 8 SWG ) <i>along with wiring/ cables</i> and giving connection as required.	m	97.00	Rupees Ninety seven only	2,910.00
72.00	10.00	m	Supplying , threading , laying and jointing 15 mm dia of 'B' class <i>GI pipe</i> with all required accessories <i>in ground in the existing trench</i> as protective covering to earth leads.	m	90.00	Rupees Ninety only	900.00
73.00	10	No.	Supply and providing 25 x 3mm brass bolt & nut <i>bolt and nut</i> with washers on the existing MS box / earth bus etc. as required including drilling necessary holes as required	E	17.00	Rupees Seventeen only	170.00

74.00	1.00	No.	Supply and providing <i>5 Kg. Dry Chemical Powder type Fire Extinguisher</i> with hose and clamps including fixing it to wall as required.	E	2324.00	Rupees Two thousand Three hundred and twenty four only	2,324.00
TOTAL							Rs. 351,897.30

PAC Rs.3,51,897/- (Rupees Three Lakh Fifty one thousand Eight hundred and Ninety seven only)

I/We agreed to execute the work. 1. ....% below the estimate rate.

2. .... % above the estimate rate. 3. At the estimate rate.

Sd/-

CONTRACTOR

UNIVERSITY ENGINEER