

KERALA AGRICULTURAL UNIVERSITY

No:03

Directorate of Physical Plant

TENDER SCHEDULE

Name of work:- Electrification of Gymnastic Hall for SAMMRSS School, CoA, Vellayani

| 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 clambd using saddles, suitable size modular type flush mounting metal switch boxes duly concealed, modular type of front plates, clip in modular type 6A, SP piano type swich etc. as per IS Specifications and making good the surface as per directions of departmental officers. | | | | |
| a | 9 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) | 9459 |
| b | 1 Pt | Light point excluding ceiling rose | 1034 /Point | | (Rs One thousand and thirty four only) | 1034 |
| c | 1 Pt | Fan points with suitable regulator box and plate | | | (Rs One thousand one hundred and forty eight only) | 1148 |
| d | 1 Pt | Wiring call bell / stair case point / two way light point | | | (Rs One thousand three hundred and thirteen only) | 1313 |
| 2 | | Wiring points in surface / semi concealed conduit system (8Points) 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 clambd 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 swich etc. as per IS Specifications and making good the surface as per directions of departmental officers. | | | | |

| Item No. | Quantity | Description | Rate | Per Unit | (Rate in words) | Amount |
|----------|----------|---|-------------|---|-------------------|--------|
| a | 23 Pt | Light / light duty exhaust fan points up to and including 6A, 3 plate ceiling rose. | 829 /Point | (Rs Eight hundred and twenty nine only) | | 19067 |
| b | 21 Pt | Light point excluding ceiling rose | 812 /Point | (Rs Eight hundred and twelve only) | | 17052 |
| c | 10 Pt | Fan points with suitable regulator box and plate | 918 /Point | (Rs Nine hundred and eighteen only) | | 9180 |
| d | 1 Pt | Wiring call bell / stair case point / two way light point | 1037 /Point | (Rs One thousand and thirty seven only) | | 1037 |
| 3 | 14 pt | Wiring plug points in the above system along with the wiring of light points using 6 Amps, 3 pin multi plug socket clip in modular type and 6 Amps, SP piano type modular switch - In combined position. | 520 /Point | (Rs Five hundred and twenty only) | | 7280 |
| 4 | 8 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) | | 3048 |
| 5 | | Wiring PVC insulated SC copper wire in surface conduit system using suitable rigid PVC conduit with specials, saddles, screws etc as per IS specification. | | | | |
| a | 190 m | 1.50 mm ² - 2 run | 98.50 /m | (Rs Ninety eight and Ps. Fifty only) | | 18715 |
| b | 120 m | 1.50 mm ² - 4 run | 130 /m | (Rs One hundred and thirty only) | | 15600 |
| c | 80 m | 2.50 mm ² - 2 run | 117 /m | (Rs One hundred and seventeen only) | | 9360 |
| d | 60 m | 2.50 mm ² - 4 run | 167 /m | (Rs One hundred and sixty seven only) | | 10020 |
| 6 | | 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. | | | | |
| | 5 m | 20 mm size. | 61 /m | (Rs Sixty one only) | | 305 |
| 7 | | Supplying and drawing bare copper earth conductor along with wiring / cable / through pipes etc as required. | | | | |
| a | 420 m | No.14 SWG (2.03 mm) | 28 /m | (Rs Twenty eight only) | | 11760 |

| Item No. | Quantity | Description | Rate | Per Unit | (Rate in words) | Amount |
|----------|----------|---|-------------|----------|--|--------|
| b | 50 m | No.12 SWG (2.64 mm) | 40.50 /m | | (Rs Forty and Ps fifty only) | 2025 |
| 8 | 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 |
| 9 | | Supplying and drawing PVC insulated SC copper wire through the existing conduit and giving necessary connection etc. as required. | | | | |
| a | 125 m | 1.50 mm ² - single run | 26 /m | | (Rs Twenty six only) | 3250 |
| b | 100 m | 2.50 mm ² - single run | 35 /m | | (Rs Thirty five only) | 3500 |
| c | 5 m | 10.00 mm ² - single run | 114 /m | | (Rs One hundred and fourteen only) | 570 |
| 10 | 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 |
| 11 | | Providing lamps to the fixtures. | | | | |
| | 5 Nos. | CFL 18 W. | 224 /Each | | (Rs Two hundred and twenty four only) | 1120 |
| 12 | 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 |
| 13 | 6 Nos | Supply and fixing surface mounted LED lamp fitting, slim round / square panel with a body made from Die-cast Alu. And CRCA covering, powder coated in white colour, high efficiency PMMA diffuser liminaries, 12w, 230V, 840 lumens, surge upto 2kV LED lamp complete, including connection using FR multicore PVC insulated and PVC sheathed copper conductor round flexible wire having 0.75sq.mm as per directions of deptl. officers. | 1270 /Each | | (Rs One thousand two hundred and seventy only) | 7620 |

| Item No. | Quantity | Description | Rate | Per Unit | (Rate in words) | Amount |
|----------|----------|---|-------|----------|---|--------|
| 14 | 5 Nos | Suply and fixing 120W, 230V,LED Highbay with PDC housing, integral Driver with additional induvidual surge suppressor 5kV, adjustable angle frame, toughened glass and IP 65, including connection using FR multi-core PVC insulated and PVC sheathed copper conductor round flexible wire having 0.75 sq.mm as per directions of deptl.officers. | 13628 | /Each | (Rs Thirteen thousand six hundred and twenty eight only) | 68140 |
| 15 | 4 Nos | Suply and fixing 150W, 230V,LED Highbay with PDC housing, integral Driver with additional induvidual surge suppressor 5kV, adjustable angle frame, toughened glass and IP 65, including connection using FR multi-core PVC insulated and PVC sheathed copper conductor round flexible wire having 0.75 sq.mm as per directions of deptl.officers. | 18357 | /Each | (Rs Eighteen thousand three hundred and fifty seven only) | 73428 |
| 16 | 10 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) | 1300 |
| 17 | 10 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) | 16450 |
| 18 | 10 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) | 4330 |
| 19 | 10 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) | 3020 |
| 20 | 14 Nos. | Supply and installation of AC pedestal - wall mounted fan 1400rpm speed 230V, push button three speed control 90 degree oscillation, powder coated guard with Alu. diecast blade, 450mm sweep, capacitor type, double ball bearing, height adjustable with heavy metal base | 4564 | /Each | (Rs Four thousand five hundred and sixty four only) | 63896 |

| Item No. | Quantity | Description | Rate | Per Unit | (Rate in words) | Amount |
|----------|----------|---|------------|--|-------------------|--------|
| 21 | | Supply and fixing light duty Ex. Fan in plastic body with self opening louvers on 230 V, single phase - Including connection. | | | | |
| | 2 Nos. | 150 mm sweep | 1518 /Each | (Rs One thousand five hundred and eighteen only) | | 3036 |
| 22 | | 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. | | | | |
| a | 1 No. | 16 Amps modular type switch. | 654 /Each | (Rs Six hundred and fifty four only) | | 654 |
| b | 5 Nos | 20 Amps modular type DP switch | 706 /Each | (Rs Seven hundred and six only) | | 3530 |
| 23 | | 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. | | | | |
| | 12 Nos | 2 Way | 823 /Each | (Rs Eight hundred and twenty three only) | | 9876 |
| 24 | | Supplying and fixing RCCB in position including connection. | | | | |
| | 1 No. | 40 A Four pole | 2498 /Each | (Rs Two thousand four hundred and ninety eight only) | | 2498 |
| 25 | | 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. | TPN Vertical DB - 8 Way. | 7819 /Each | (Rs Seven thousand eight hundred and nineteen only) | | 7819 |
| 26 | | Supplying and fixing Mini Break isolator in distribution board enclosure including connection. | | | | |
| | 1 No. | 40 Amps - Four Pole. | 856 /Each | (Rs Eight hundred and fifty six only) | | 856 |
| 27 | | 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 |

| Item No. | Quantity | Description | Rate | Per Unit | (Rate in words) | Amount |
|---|----------|---|---------------|--|-------------------------------------|---------------|
| 28 | | 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. | | | | |
| | 50 m | 4 X 16sq.mm size. | 246 /m | | (Rs Two hundred and forty six only) | 12300 |
| 29 | | Connecting the ends of the heavy duty armoured aluminium power cable to the respective terminals using cable gland and end sockets. | | | | |
| | 2 Nos. | 4 X 16sq.mm size. | 308 /Each | | (Rs Three hundred and eight only) | 616 |
| | | <u>Market Rate</u> | | Tender PAC | | 443347 |
| | | Item no: 12 - 11 Nos. X 828.00 | 9108 | Market rate | | 210618 |
| | | Item no: 13 - 6 Nos. X 1058.00 | 6348 | Tender PAC less cost of Market Rate | | 232729 |
| | | Item no: 14 - 5 Nos. X 12650.00 | 63250 | | | |
| | | Item no: 15 - 4 Nos. X 17480.00 | 69920 | | | |
| | | Item no: 20 - 14 Nos. X 4428.00 | 61992 | | | |
| | | | <u>210618</u> | | | |
| (Rupees Two lakhs thirty two thousand seven hundred and twenty nine only) | | | | | | |

Contractor

Director of Physical Plant