

**KERALA AGRICULTURAL UNIVERSITY**  
**Directorate of Physical Plant**  
**TENDER SCHEDULE**

| Name of work:- Providing electrification to seed storage building at ARS, chalakkudy |          |   |       |          |  | No.11  |
|--|----------|---|-------|----------|--|--------|
| 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 <sup>2</sup> 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  | 5 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) | 4490   |
| b  | 5 pt     | Light / fan points excluding ceiling rose   | 862   | /Point   | (Rs Eight hundred and sixty two only)    | 4310   |
| 2  | 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    |
| 3  |          | 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  | 30 m     | 1.50 mm <sup>2</sup> - 2 run  | 98.50 | /m       | (Rs Ninety eight and Ps. Fifty only)     | 2955   |
| b  | 10 m     | 1.50 mm <sup>2</sup> - 4 run  | 130   | /m       | (Rs One hundred and thirty only)         | 1300   |
| c  | 30 m     | 2.50 mm <sup>2</sup> - 2 run  | 117   | /m       | (Rs One hundred and seventeen only)      | 3510   |
| d  | 10 m     | 2.50 mm <sup>2</sup> - 4 run  | 167   | /m       | (Rs One hundred and sixty seven only)    | 1670   |
| e  | 40 m     | 4.00 mm <sup>2</sup> - 2 run  | 141   | /m       | (Rs One hundred and forty one only)      | 5640   |
| f  | 10 m     | 4.00 mm <sup>2</sup> - 4 run  | 216   | /m       | (Rs Two hundred and sixteen only)        | 2160   |
| g  | 20 m     | 6.00 mm <sup>2</sup> - 2 run  | 183   | /m       | (Rs One hundred and eighty three only)   | 3660   |

| Item No. | Quantity | Description   | Rate        | Per Unit                             | ( Rate in words ) | Amount |
|----------|----------|---|-------------|--------------------------------------|-------------------|--------|
| 4        |          | 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. |             |                                      |                   |        |
|          | 10 m     | 20 mm size.   | 61 /m       | (Rs Sixty one only)                  |                   | 610    |
| 5        |          | Supplying and drawing bare copper earth conductor along with wiring / cable / through pipes etc as required.  |             |                                      |                   |        |
| a        | 60 m     | No.14 SWG (2.03 mm)   | 28 /m       | (Rs Twenty eight only)               |                   | 1680   |
| b        | 40 m     | No.12 SWG (2.64 mm)   | 40.50 /m    | (Rs Forty and Ps fifty only)         |                   | 1620   |
| c        | 30 m     | No.08 SWG (4.06 mm)   | 85 /m       | (Rs Eighty five only)                |                   | 2550   |
| 6        | 20 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)     |                   | 350    |
| 7        |          | Supplying and drawing PVC insulated SC copper wire through the existing conduit and giving necessary connection etc. as required.   |             |                                      |                   |        |
| a        | 10 m     | 1.50 mm <sup>2</sup> - single run   | 26 /m       | (Rs Twenty six only)                 |                   | 260    |
| b        | 10 m     | 2.50 mm <sup>2</sup> - single run   | 35 /m       | (Rs Thirty five only)                |                   | 350    |
| c        | 10 m     | 4.00 mm <sup>2</sup> - single run   | 47.50 /m    | (Rs Forty seven and Ps. Fifty only)  |                   | 475    |
| 8        | 4 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) |                   | 1060   |
| 9        | 4 Nos    | Providing LED Lamp 5/6 W to the fixtures.   | 204 /Each   | (Rs Two hundred and four only)       |                   | 816    |

| Item No. | Quantity | Description   | Rate | Per Unit | ( Rate in words )                      | Amount |
|----------|----------|---|------|----------|--|--------|
| 10       | 2 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)                 | 1800   |
| 11       |          | 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.   |      |          |  |        |
| 12       | 2 Nos    | 20 Amps modular type DP switch  | 706  | /Each    | (Rs Seven hundred and six only)        | 1412   |
|          |          | Supplying and fixing RCCB in position including connection.   |      |          |  |        |
| 13       | 1 Nos.   | 32/40A Double pole  | 2095 | /Each    | (Rs Two thousand and ninety five only) | 2095   |
|          |          | 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.   |      |          |  |        |
| 14       | 1 Nos.   | Single phase -12 Way.   | 2005 | /Each    | (Rs Two thousand and five only)        | 2005   |
|          |          | Supplying and fixing Mini Break isolator in distribution board enclosure including connection.  |      |          |  |        |
| 15       | 2 Nos.   | 32/40 Amps - Double Pole.   | 481  | /Each    | (Rs Four hundred and eighty one only)  | 962    |
|          |          | Supplying and fixing MCB's in position including connection.  |      |          |  |        |
|          | 8 Nos.   | 6 to 32 Amps - Single pole 10 KA.   | 215  | /Each    | (Rs Two hundred and fifteen only)      | 1720   |

| Item No. | Quantity | Description   | Rate | Per Unit | ( Rate in words )                        | Amount |
|----------|----------|---|------|----------|--|--------|
| 16       |          | Supplying and fixing sheet steel phosphatised and painted enclosure for mounting independent MCB / isolators.   |      |          |  |        |
|          | 1 Nos.   | 2 Pole Enclosure.   |      |          |  |        |
|          |          |   | 379  | /Each    | (Rs Three hundred and seventy nine only) | 379    |
| 17       |          | Supply, installation and commissioning of exhaust fan ring mounted axial frame of approved quality in the existing opening including making the opening suit, fixing necessary bolt and nut making good the damages etc. including connection using required length of 16/0.20 mm PVC insulated and sheathed three core flexible copper wire. |      |          |  |        |
|          | 2 Nos    | Light duty, metal frame 300/305 mm size.  |      |          | (Rs Two thousand one hundred and nine    |        |
|          |          |   | 2109 | /Each    | only)                                    | 4218   |
| 18       | 2 No     | Charges for cutting holes suitable for fixing exhaust fans including plastering making good the surface etc as required for light duty exhaust fan.   |      |          |  |        |
|          |          |   | 264  | /Each    | (Rs Two hundred and sixty four only)     | 528    |
| 19       | 2 Nos    | Supply and providing independent ordinary pipe earthing using 50 mm dia GI pipe 1.85 m long suitable GI bolt, nut and washer, filling with charcoal and salt around the pipe including earth work excavation and masonry works required.  |      |          | (Rs One thousand nine hundred and eighty |        |
|          |          |   | 1989 | /Each    | nine only)                               | 3978   |
| 20       |          | Providing GI service connection pipe 1.50m long with Bends and Sockets.   |      |          |  |        |
|          | 1 Nos    | 25mm Dia  | 491  | /Each    | (Rs Four hundred and ninety one only)    | 491    |

| Item No. | Quantity  | Description   | Rate   | Per Unit    | ( Rate in words )                   | Amount |
|----------|---|---|--------|-------------|-------------------------------------|--------|
| 21       | 1 Sets  | Providing 32 Amps porcelain cut out (1 No) and neutral link to the energy meter board and giving connection using required length of PVC insulated copper wire. |        |             |                                     |        |
|          |   |   |        | 251 /Each   | (Rs Two hundred and fifty one only) | 251    |
| 22       | 1 Nos.  | Supply and fixing 32 Amps two pole Switch Disconnecter Fuse Unit to the board / frame work already provided.  |        |             | (Rs One thousand seven hundred and  |        |
|          |   |   |        | 1794 /Each  | ninety four only)                   | 1794   |
|          |   | <b><u>Market Rate</u></b>   |        |             | Tender PAC                          | 61861  |
| 9        | 4 Nos   |   | 173.00 | 692         | Deduct Market Rate                  | 2348   |
| 10       | 2 Nos   |   | 828.00 | 1656        | Tender PAC less cost of MR          | 59513  |
|          | Total   |   |        | <u>2348</u> |                                     |        |
|          | (Rupees Fifty nine thousand five hundred and thirteen only) |   |        |             |                                     |        |

**Contractor**

**Director of Physical Plant**