

ESTIMATE CUM SCHEDULE OF WORKS.

NIT NO.- IACS/WS/SB/14/02 DATE.- 07.01.2014

Name of Work: Electrical Renovation Work at Com. Building in Mat.Sc.Dept

| Sl.no | Description of work. | QTY | Unite | Rate | Amount |
|-------|---|-----|-------|------|--------|
| 1 | Wring for light pt/fan/ with 3x1.5 sq mm. multistarand.11kv.Gratde(Finolex/KDK/Havells make) in surface/recessed through heavy duty ISI marked rigid PVC conduit for 20 mm. dia. embedded on wall after necessary chase cutting up to true ceiling/ false ceiling height etc. as will be required in order to make only drop line concealed and thereafter on wall/ ceiling by PVC saddle at an interval of 0.5 met. maximum including supply & fixing of required PVC boxes and other PVC fitting complete with Modular Switch 5A Crabtree/Roma/ABB/North-West or similar superior make duly approved by IACS authority in connection MS. box with cover plate etc . and interconnection etc. complete as required with ceiling rose (3plate) having average run of 6Mtrs. | 4 | No | | |
| 2 | Wring for power plug/AC starter/working bench etc. with (2x4+1x4) sq. mm. sized multitude copper conductor FR PVC insulated cable (Finolex/KDK/Havells make) in surface/recessed PVC rigid conduit (ISI mark) from separate way of MCB DB to power socket board/ switch board /AC Starter etc. complete as required including connection /end termination etc as required. | 50 | RM | | |
| 3 | Supply and fixing of 63 A TPN rating MCB (Leg rand make) in a DB with connection of cable as required . The MCB s shall be of "C" curve type having 10 KA breaking capacity. | 1 | No | | |
| 4 | Supply and fixing of 6A to10A sp .rating MCB (Leg rand make) in a DB with connection of cable as required . The MCB s shall be of "C" curve type having 10 KA breaking capacity. | 5 | No | | |

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|----|--|----|-----|--|--|
| 5 | Supplying & fixing of modular type 2x16/6A-230V 6 pin socket outlet with 2x16A-320V piano key switch of Modular type (make Crabtree/North West) or similar superior make duly approved by the IACS authority with suitable concealed M.S. box and cover plate 6 module etc .complete with inter connection etc. as required. | 2 | Set | | |
| 6 | Supply & laying 4 sq mm copper earth wire with Gi saddle sock ting & nut bolt with earth ber & DB Box as required. | 20 | RM | | |
| 7 | Supplying fixing 4 way (4 +12) double door TP&N MCB distribution board of steel sheet for 415 volts on surface /recess complete with loose wire box ,terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar ,din bar, detachable gland plate, interconnections, powder painted including earthlings etc. as required, (But without MCB/RCCB/ISOLATOR). | 1 | No | | |
| 8 | Supply & fixing of 2x28 w tube light fittings (as per Phillips CAT no TMS 122/228HF) with lamps on fixing on the wall with double round block with wire as required.&reflector. | 3 | Set | | |
| 9 | Supplying and fixing (Legrand make)20 A rating Isolator 240/415 volts suitable for inductive load of flowing poles in the Four poles enclosure ms box,with socking connections, testing and commissioning etc, as required. | 7 | No | | |
| 10 | Wring for power plug/AC starter/working bench etc. with (2x6+1x6) sq. mm. sized multitude copper conductor FR PVC insulated cable (Finolex/KDK/Havells make) in surface/recessed PVC rigid conduit (ISI mark) from separate way of MCB DB to power socket broad/ switch board /AC Starter etc. complete as required including connection /end termination etc as required. | 20 | RM | | |
| 11 | Supplying and testing one regulator type 16 inch Croton graves stand fan /pedestal fan 450mm Make(Cromton graves.) | 1 | No | | |

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|----|---|--------------|----|--|--|
| 12 | Supplying & fixing one 12 inch exhaust wall mounted fan 1400 rpm.single phase .(Havles make.) | 1 | No | | |
| | | Total | | | |
| | Miscellaneous Works including new work , procurement of new item as per the requirement of the Engineer in Charge to expediter the work @ 10% of the total amount up to previous item . | | | | |
| | | TOTAL AMOUNT | | | |

Signature of the Contractor with date & seal