

BOQ of Illumination System- (Includes only ETC of below BOQ)**(a) For Indoor Illumination**

| Sl. No. | Description | Units | Quantities |
|---------|---|-------|------------|
| 1. | 415V AC Indoor type wall mounted Lighting Panels type-ACP-1 | Nos. | 3 |
| 2. | Industrial trough type with vitreous enamelled reflector with 2X28W TL5 lamp with accessories or equivalent | Nos. | 90 |
| 3. | Decorative, mirror optics louvres, anti- glare recessed mounting fluorescent fixture with 2X28W TL5 lamp with accessories or equivalent | Nos. | 65 |
| 4. | Corrosion Proof luminarie with 2x36W TLD lamp with all accessories | Nos. | 8 |
| 5. | Recessed type luminarie with 100W GLS lamp | Nos. | 5 |
| 6. | Surface mounted luminarie with 100W GLS lamp | Nos. | 9 |
| 7. | 240V ,5/15A Receptacle Type-R1 | Nos. | 35 |
| 8. | 220V DC Indoor type Lighting Panels type DCP | No. | 1 |
| 9. | Self contained Ni-Cd battery operated emergency lighting unit with 4 hours capacity | No. | 1 |
| 10. | 1400mm Sweep ceiling Fan with Electronic Regulator | Nos. | 13 |
| 11. | 415/415V , 100kVA Lighting Transformer | Nos. | 2 |
| 12. | 415/415V , 50kVA Lighting Transformer | Nos. | 1 |
| 13. | Modular flush mounted type switchboard | | |
| 13.1 | 6 Switch + 1 Socket | Nos. | 6 |
| 13.2 | 4 Switch + 1 Socket | Nos. | 6 |
| 13.3 | 2 Switch + 1 Socket | Nos. | 7 |
| 14. | Wall mounted Fan 400mm sweep with inbuilt regulator | Nos. | 3 |
| 15. | Exhaust Fans | Nos. | 4 |
| 16. | 16 SWG GI wire | Mtrs. | 400 |

| | | | |
|-----|---|-----|---|
| 17. | Illumination Erection Material for Indoor works: 3 way,G.I.,circular J.B.(20mm and 25mm),4 way,G.I.,circular J.B.(20mm and 25mm),90deg,G.I.,Inspection Bend(20mm and 25mm),90deg,G.I.,Normal Bend(20mm and 25mm),Heavy duty, Saddle with base(20mm and 25mm),Heavy duty, Saddle without base(20mm and 25mm),M4X25mm, steel screw with nut and washer,G.I. check nut/lock nut(20mm and 25mm),PVC Rawl plug,6mm,Wooden screw,35mm,Earth clip/clamp(20mm and 25mm),Cleat fabrication out of 25x6mm M.S. flat(for hanging conduit in false ceiling areas, Anchor fastner(M10x75mm for cleats,M12x75mm for lighting panels),Rubber bush(20mm and 25mm),20mm,PVC ,flexible conduit,20mm,PVC ,Coupling,Swing out braket,20mm,Heavy duty,ball socket,Machine screw(for fixing surface mounting fixtures on circular J.B.), PVC closure(20mm and 25mm),Reducer (20mm and 25mm). GI conduits & 1.5, 2.5 & 4 sq. mm wires | Lot | 1 |
|-----|---|-----|---|

(b) For Outdoor Illumination

| Sl. No. | Description | Units | Quantities |
|---------|---|-------|------------|
| 1. | 415V AC Outdoor type Lighting Panels type-ACP-2 | Nos. | 4 |
| 2. | Flood lighting fixture similar to Philips catalogue no. RVP 301/2X 400W or Equivalent | Nos. | 60 |
| 3. | Flood lighting fixture similar to Philips catalogue no. SWF 330/1X 400W or Equivalent | Nos. | 50 |
| 4. | Post of /beautification lighting fixture similar to Philips catalogue no. HPC 101/125W or equivalent | Nos. | 2 |
| 5. | Receptacles -63A , 415V , 3P+N+E , industrial socket | Nos. | 3 |
| 6. | Receptacles -20A , 240V industrial type socket with switch | Nos. | 2 |
| 7. | 20m height pole/mast used for outdoor switchyard complete with all accessories such as junction box , feeder pillar, cabling between JB to fitting , foundation bolt etc. The lighting pole shall be suitable for accommodating 20% emergency lights and 80% normal lights. | Nos. | 14 |
| 8. | Illumination Erection Material for Outdoor works: 20x1.5mm Aluminium flat, M12x40mm, G.I. Bolt with nut and washer for fixing outdoor lighting panels,M6x30mm, G.I. Bolt with nut and washer for fixing control gear boxes,M8x30mm, G.I. Bolt with nut and washer for fixing outdoor J.B.s, M10x35mm, G.I. Bolt with nut and washer for fixing outdoor lighting fixtures,G.I., Earthwire, from J.B. to lighting fixtures,Mounting brackets for lighting fixtures for 2x400W fixtures,1x400W fixtures | Lot | 1 |