F.   The below mentioned sockets with plug as specified under industrial plug and sockets, and emergency push button as specified under push buttons shall be installed:

   a.   1 No. - 13 Amps, 230 volts (industrial type flat pins, IP 67)

   b.   1 No. - 16 Amps, 230 volts (industrial type round pins, IP 67)

   c.   1 No. - 16 Amps, 400 volts (industrial type, IP 67)

   d.   1 No. - 5 Amps, 24 volt D.C with D.C supply unit (industrial type IP 67)

   e.   Start/Stop/ Emergency . push buttons, IP 67 red colour mushroom type, twist release

G.   All the wiring terminals shall be shrouded and protected against accidents by removable transparent plastic plates.

Junction Box for Mobile Generator up to 125A

A.   A GRP junction box of minimum thickness of 5 mm of IP 67 measuring 1000 height x 600 widthx250 depth on suitable RCC foundation shall be provided near the MCC room for hooking up of the mobile generator.

B.   The junction box shall be divided in two portions, lower portion of 200 mm with separate door, for accommodation of cable from MCC, cable and plug from mobile generator and earthing conductor from earth pit for earthing of neutral of the generator.

C.   The upper portion shall be equipped with 125 Amps industrial type socket, and plug of IP 67 class as specified under industrial plug and sockets and having single door with 3 point locking arrangement, a handle with cylindrical lock open able with master key shall be provided.

D.   For hook up generators more than 125A, suitable junction box, as per requirement, shall be installed in junction box of IP67 with necessary breakers and controls shall be installed.

1.3.33.6   Indoor and Outdoor Lighting

A.   Lighting fixtures, fittings and workmanship shall be of first class quality and in accordance with the regulations of the ADDC. In order to have easy access to replacements or spares, the fixtures and fittings etc. shall be obtained from a well reputed manufacturer represented in the U.A.E. All lighting fixtures shall be complete with all internal wiring, lamp holders, starters, supports etc. Where light