11.8.7 For cable tray arrangement clear depth of 0.95m from finished floor of Substation up to bed of the tray with minimum clear depth of 0.45m between bottom of the slab and the bed of the tray.

11.8.8 Cable installation/maintenance space of minimum 1.2m to be provided at least one side in case of cable tray arrangement.

11.8.9 The cable tray should pass through public/open area and not through any closed area / room (there shall be no services, pipes, etc. below the cable tray).

11.8.10 Cable route from RMU to transformer room is preferred to be straight (Without turns / bends) (the bending radius to be considered R= 0.95m, if any)

11.9 DIRECT 11KV SUPPLY FOR HIGH - RISE TOWERS ABOVE 200M / INDUSTRIAL / PRIVATE LOAD

11.9.1 Intake Arrangement And Protection Requirements

11.9.1.1 Point of supply is the supply intake of MV switchgear for the project which is located adjacent to DEWA metering/control room.

11.9.1.2 Beyond point of supply all the equipment (like switchgear, transformer, cable etc.,) has to be procured, installed, commissioned, operated and maintained by the client of the project.

11.9.1.3 DEWA will not supply, operate or maintain any equipment to be installed above ground level.

11.9.1.4 All equipment (Circuit Breaker, Transformer etc.) procured by client shall have dual ratio (6.6/11kV) unless clearly advised by that it is 11kV.

11.9.1.5 All equipment shall be compliant with international standards (IEC standards).

11.9.1.6 Total losses of transformer shall not exceed 1.5% of rated capacity due to conservation reasons.

11.9.1.7 Incomer of the project shall be switchgear with circuit breaker, with E/F & O/C protection and shall be located adjacent to a DEWA meter/ Control room.

11.9.1.8 LV distribution shall comply with authority guidelines and standards.

11.9.1.9 Only Cast Resin transformers (fire resistant transformers) shall be allowed to be installed in residential / commercial buildings.