

- iv. Materials for which the contractor does not propose a substitute can be described in the submitted list with the list "as specified in lieu of complete description". Equipment submitted list must include data.
- v. For materials and equipment where the contractor propose a substitute for items specified, submit complete data.

1.9 CLIMATIC CONDITIONS

Equipment and materials supplied shall withstand, under all conditions of continuous operation and without developing any defects, the following environmental conditions:

- Maximum temperature 45 deg C
- Minimum temperature 5 deg C
- Relative humidity 75 %
- Altitude (above sea level) 26 ft.

1.10 EQUIPMENT PROTECTION

Unless otherwise noted, all equipment supplied shall conform, as a minimum, to the following protection classes, in accordance with IEC 60529:

- Indoor IP 42
- Outdoor IP 54

With the exception of material specified to be hot-dip galvanized (after fabrication), all metal work (steel conduit and accessories, outlet and pull boxes, trunking, straps, brackets, hangers, frames, etc.) shall be given a protective treatment consisting of degreasing, derusting, two coats of zinc-chromate / red lead primer, and two coats of enamel during manufacture. After installation on site, any damaged metal work shall be given another coat of paint. Painting of steel conduits shall be to BS 1710 for colour-coding purposes.

1.11 STANDARDS AND TYPICAL DESIGNS

The specification either cites or implies British / IEC Standards. Other comparable European and U.S. Standards and typical designs are acceptable, providing that they in no way detract from the quality, safety, operability, or durability of the equipment and material furnished. However, when other standards or typical designs other than those cited or implied are offered by the Contractor, he shall set these forth in detail in his proposal.