Technical specifications of work

1) Aluminium shall be superior quality extruded sections made by Indian Aluminium, Hindustan Aluminium or Jinadl or an approved equivalent manufacturer and of a gauge suitable for the work. It shall conform to IS:733 designation HE9-WP or HV9-WP alloy.

2) Float Glass shall be clear float glass or body tinted float glass conforming to JIS : R3203 manufactured by Float Glass India Ltd, or Gujrat Gaurdian Ltd, or approved equivalent manufacturer.

3) All works shall be executed to approved shop drawing.. The party shall submit samples of all material that are called for by the engineer. The party shall prepare samples of workmanship and mock-up for approval. The party shall protect the work at all times from any damage, All finished work shall be protected by polythene wrap or other approved means.

4) Prelaminated particle board shall have U-type aluminium edging on three sides and overlapping rebate type U-edge on vertical edge (On locking side) of the panel. Aluminium frame shall be fixed to wall with non-rusting coloured screws and rawl plugs. Heavy duty hinges shall be used which will be inserted through slits made in the frame and U-type edging.

5) Aluminium works shall be undertaken in accordance with sound engineering practices. Burrs, sharp edges, and angles, coarse file marks, excess weld metal and similar imperfections shall be removed.

6) Aluminium works shall be fixed on the works in a manner that prevents corrosion due to contact with incompatible metals and other materials. Aluminium shall be shaped by bending with machine without weakening or otherwise damaging the structure. A suitable joint coating shall be used for bolted or screwed connections.

7) Where aluminium comes in contact with masonry, brickwork, plaster or dissimilar metal, it shall be coated with an insulating coat of lacquer, paint or tape to ensure that elector chemical corrosion is avoided.

8) The size of aluminium work shall not vary by more than ±1.5mm