

Corrigendum-4: Annexure-D**S.16 : Specification for FRP manhole cover****1. Material Specification:**

Manhole cover and its supporting frame shall be of FRP material. Cover shall have a clear opening of 600mm x 600mm with abrasion resistant top layer with locking and lifting arrangement. Cover and frame shall be UV, chemical, weather, and high impact resistant. FRP cover shall have 2.5 tons load bearing capacity.

Contractor shall submit the manufacturer's specification for the approval of Engineer In-Charge/Maha-Metro.

Testing shall be carried out as per manufacturer's specification and in line with BS EN 124, IS 1726 and AASHTO. Nothing extra will be paid for the testing.

2. Fixing of cover.

Concrete bed shall be prepared considering the height of the frame. Frame shall be completely embedded in a minimum of M-35 grade concrete. The level of concrete bed must be flat so that entire frame is uniformly supported. The frame after fixing must be allowed to rest in concrete for a minimum 48 hours before its use.

Contractor shall submit drawing for approval of Engineer In-Charge/Maha-Metro prior to the start of work.