

Specifications for EWS & LIG Housing

1. Structure		
(a)	Ground plus three	• Stepped footing in brick masonry for sub-structure. • Preferably Rat Trap Bond in bricks for wall masonry. • RCC lintel band and roof level band for earthquake resistance.
(b)	Above Ground plus three	• RCC framed structure. • Preferably Rat Trap Bond in bricks for wall masonry.
2. Roof/Floor		• Reinforced Brick Slab or Pre-cast Reinforced Brick Panel for roofing placed over partially pre-cast RCC Joists with screed. • CC flooring.
3. Doors/Windows		• For main entrance 35 mm thick flush door with 35x35x5 MS Angle Iron Frame. • T&Z Section window with glass panes.
4. Finishing		• Internal plastering. • External walls exposed finish with ordinary colour wash. • Enamel painting on doors/windows.

Note: Above specifications are recommendatory.

General Specifications

Slab: Slab of Room, Kitchen and Toilet will be prefabricated & pre-stressed.

Walls: All the walls will be 9"/4½" thick Brickwork walls and shall be plastered inside and outside both with 1:6 Cement and fine sand mortar.

Finishing Items:

I) Flooring:

- (a) Room: Average 25 mm thick CC flooring.
- (b) Kitchen: Average 25 mm thick CC flooring.
- (c) Bath-room: Average 25 mm thick CC flooring.
- (d) W.C.: Average 25 mm thick CC flooring.

II) Doors, Windows and Ventilators:

- (a) Door: For main entrance 35 mm thick flush door with 35x35x5 MS angle Iron frame along with 2 Nos. tower bolts of length 6" or 9" as suitable with 2 Nos. handles and 1 No 12" MS aldrop.
- (b) Toilet door will be of flush door panels with angle Iron frame along with 2 Nos. tower bolts and 2 Nos. handles.
- (c) Windows: All windows will be T & Z section.

III) Painting:

- (a) Inside, the unit for wall and ceiling: Two coat white wash for wall and ceiling.
- (b) Outside: Two coat of ordinary colour wash for walls.
- (c) Door and Window frame: Door, window frame should be with one coat primer and one coat of oil paint.

IV) Dado

- (a) For toilet 450 mm dado with cement punning.
- (b) For kitchen 150 mm dado with cement punning.
- (c) W.C.- 450 mm high dado in cement punning.

V) Plumbing & Sanitary:

- (a) WC: Indian type of 18" ceramic/mosaic.
- (b) Two number ½" PVC tap of good quality in the toilet.
- (c) One number ½" PVC tap of good quality in the kitchen.
- (d) Soil line, waste water line should be of 4" dia PVC Pipe of 4 Kg/Sq.cm. pressure.
- (e) 4" dia PVC nahani trap with jalli one in toilet & one in kitchen.
- (f) Heavy duty PVC solvent pipe for all water line.

VI) Electrification:

One number fan-hook and PVC conduit pipe in slab.

VII) Pre-cast Kitchen platform of size 450 mm x 1000 mm to be provided in the kitchen.