

Technical specifications

Specifications of proposed houses under Pradhan Mantri Awas Yojna

1. Civil work:-

- I. Base concrete: - Foundation base concrete (M-10)
- II. RCC foundation: - As per designor min. M-20 grade
- III. RCC column/Lintel/Beam/Slab:- As per design or min. M20 grade.
- IV. Superstructure:-200 mm thick /115 mm thick AAC block with required adhesive.
- V. Plaster:- 12 mm thick(1:4) on rough side and 6 mm thick (1:3)on fair side with Coarse sand having F.M 2.0 to 2.6)
- VI. Kitchen top:- 18 mm thick Rajasthan black/ green mirror polished granite
- VII. Floor/Wall Tiles:- Size not less than 300X300 mm floor tiles of approved make and wall tile not less than of 200X300mm size over 20mm thick cement mortar of 1:4(1 cement:4 Coarse sand) for floor tile & mortar of 1:3 (1 cement:3 Coarse sand) for wall tile
- VIII. Finishing:- Outer finishing with 2 coat of apex weather coat with cement based putty as per the colour scheme and inner finishing with 2 coat of oil bound distemper.
- IX. Door Shutter: - 30 and 24 mm thick solid PVC door shutter
- X. Window & Ventilators:- UPVC two track sliding frame with 5.0 or 6.0 mm clear float glass.
- XI. Water Storage Tank:- RCC tank of required capacity
- XII. Roof treatment:- AAC block coba with khurra

2. Water supply & Sanitory:-

- I. 15/20/25 mm dia CPVC pipe with all required fittings ISI mark
- II. Orrisa Pattern W.C. pan size 580 mm ISI mark
- III. mm dia CP brass bib cock 400 gm and above.

3. Electrification: - concealed wiring with Copper conductor with PVC conduit pipe in slab and roof

- I. Points:- Light points, fan points with regulator, 6 amp plug point & 15 amp power plugs
- II. Earthing:- as per site requiremt
- III. Electric connection from panel to source would be concealed.

Finishing and Fixtures

A. Multi purpose room & Bedroom (Living and pantry) *As per direction of E.I.*

Flooring : Rectified Glazed Ceramic Tiles (Size 400mmX400mm)

Walls : Tiles Skirting & Oil Distemping over putty base

Doors Frame : WPC door frame 125mm x 65 mm and 75mm x 50mm as per CPWD

Specifications

Door Shutter : Main door solid PVC door shutter 30mm thick and 24 mm thick in Bedroom as per CPWD Specifications

Window, Ventilator: uPVC as per CPWD Specifications

Kitchen counter- 18mm thick mirror polished granite.

Sink : 470 mm x 420 mm x 178 mm stainless steel sink.

Walls: Ceramic Tile upto 60cm above kitchen counter.

B. Bathroom, Water closet & Balconies :

Flooring: Anti-skid floor Tiles

Walls : Ceramic Tiles upto 1.20m in Bathroom & Toilets only.

Doors Frame : WPC-75mmX50 mm. as per CPWD Specifications

Door Shutter : Solid PVC door shutter – 24mm thick as per CPWD Specifications

Wash Basin: 450X300 with complete fittings.

Stair case & Common area:- Kota stone (30-25 mm thick) flooring with 1:4 mortar base

Others : ISI Mark Brass C.P. fittings, White Vitreous China, 580mm Orissa pattern pan with 10Ltr. low level flushing system of approved quality with all other fittings.

C. Electrical work

Concealed PVC conduit with copper conductor. Modular type electrical switches, Light/Fan/Fresh Air point with 1.5 Sqmm, power plug-15A/250Volt with 2.5 sqmm, Submain wire 6 mm, 4mm, 2.5mm single core copper conductor. As per direction of E.I.

D. Fire Safety All mandatory fire safety norms have to be incorporated in the design and planning by Contractor.

E. Roof Treatment

AAC/Brick block coba As per direction of E.I.

F. Sunken Portion Treatment (Balcony, WCs, bathroom etc)

As DSR 22.5-2016 As per direction of E.I.