

Specification of proposed houses under Pradhanmantri Avas Yojna

1-CIVIL WORKS:-

- **Base Concrete** :- Foundation base concrete in 1:4:8 (1 cement : 4 coarse sand : 8 with 40 MM graded stone ballast)
- **R.C.C. Foundation** :- M-20 grade 1:1.5:3 (1 cement 1.5 coarse sand 3 graded stone grit 20 MM size)
- **R.C.C. Column/Lintel/Beam/Slab** :- M-20 grade 1:1.5:3 (1 cement 1.5 coarse sand 3 graded stone grit 20 MM size)
- **Superstructure** :- 230 MM thick brick work/ 115 MM thick brick work in 1:6 cement and coarse sand FM 1.5 to 2.0)
- **Plaster** :- Inner and outer 12 MM thick cement plaster in 1:6 (1 cement 6 coarse sand) FM 2.0 to 2.6)
- **Kitchen top** :- Plain C.C. Top.
- **Floor/Wall Tiles** :- 300x300 MM floor tiles of approved make and wall tiles of 200x300 MM over 20mm thick Cement Mortar of 1:4 (1 Cement : 4 Coarse sand)
- **Finishing** :- Outer finishing with 2 coat of apex whether coat with Birla Putti and internal finish with 2 coat colour wash Distemper.
- **Door Shutter** :- 30mm thick flush Door Shutter ISI Mark.
- **Window Shutter** :- M.S Z-Section window shutter with 3 to 4.7mm thick glass panes ISI Mark.
- **Water Storage Tank** :- 500 ltr. triple layer per house. polyethylene water storage tank
- **Roof Treatment** :- Brick coba with khurra

2-Water Supply & Saintry :-

- 15/20/25 mm Dia B-Class CPVC PIPE with all required fittings ISI Mark.
- Orrisa pattern W.C. pan size 580 MM ISI Mark
- 15mm dia C.P. brass bib cock 400 gm.

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

- **Points**:- Light points, Fan points with regulator, 5 amp plug points & 15 amp power plugs
- **Earthing**:- As per requirement of site.

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Specification of Flats Under Pradhan Mantri Awas Yojna

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Foundation

- > Base concrete in 1:4:8 (1 cement 4 coarse sand and 8 40mm gauge stone ballast)
- > Class 150 brick work in 1:6 (1 cement and 6 coarse sand) mortar
- > Isolated footing/Plinth with M 20 grade RCC

Super Structure

- > Class 150 brick work in 1:6 (1 cement and 6 coarse sand) mortar in 230mm thick wall
- > Class 150 brick work in 1:4 (1 cement and 4 coarse sand) mortar in 115mm thick wall
- > RCC frame structure with M20-grade RCC
- > Internal Chhajja/Slab with M20 grade RCC

Finishing

- > 12mm thick plaster in 1:6 (1 cement and 6 coarse sand) mortar both side on wall
- > priming coat of Water proofing cement paint on the outer surface
- > Colour washing with lime on internal surface two coat an even shade including priming coat of white wash

FLOORING

- > Sand Filling under floor
- > Tile Flooring with PCC in 1:4:8 (1 cement, 4 coarse sand and 8 40mm thick stone grit)
- > CC Flooring in 1:2:4 corridor (1 cement, 2 coarse sand and 4 12.50mm thick stone grit)

Door

- > MS Iron frame size 35x35x5mm
- > 30mm thick flush door shutter
- > Finished with enamel paint

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Window

- > M.S Z-section with glass panel as per design

AEI/AEII

Internal water supply and Sanitary

- > 15mm/20mm/25mm dia B class CPVC Pipe concealed in wall and floor
- > Omisa pattern WC with PVC cistern-make Parryware/lonshon/Cerna
- > CP Brass bib cock
- > Polyethylene water storage tank on terrace

EE

Lighting

- > Surface/flush mounting 4 ways SPN distribution board
- > 40AMP 2 pole isolator
- > Hexagonal fan box cover of 3mm thick Bakelite sheet
- > PVC Insulated Multi strand Copper cable wiring
- > Fan regulator
- > power plug with 15 A/250V flush type switch
- > Call Bell point
- > Fan point/Exhaust point
- > MCB 6 Amp to 32 Amp in existing DB

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