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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-Mortor 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 & Sainitary :-**

- > 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
- > Earthling:- As per requirement of site.





# Specification of Flats Under Pradhan Mantri Awas Yojna

## Foundation :

- Base concrete in 1:4:8 (1 cement:4 coarse sand and 8 40 mm. gauge stone ballast)
- Class 150 brick work in 1:6 (1 cement and 6 coarse sand) mortar
- Isolated footing/Plinth with M20 grade RCC

## Super Structure :

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

## Finishing :

- 12 mm. thick plaster in 1:6 (1 cement and 6 coarse sand) mortar both side on wall.
- Apex Weather coat over a priming coat of Water proofing cement paint with one coat white putty on 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 40 mm. thick stone grit)
- CC Flooring in 1:2:4 corridor (1 cement, 2 coarse sand and 4 12.50 mm. thick stone grit)

## Door :

- MS Iron frame size 35x35x5 mm.
- 30 mm. thick flush door shutter
- Finished with enamel paint

## Window :

- M.S. Z-Section with glass panel as per design.

## Internal water supply and Sanitary :

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

## Lighting :

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