

ANNEXURE C

PERMANENT HOUSES FOR
TSUNAMI AFFECTED HOUSEHOLDS
IN TAMIL NADU

- I. Design options prepared by Public Works Department (PWD)
- II. Design options prepared by UNDP - Orissa on behalf of United Nations Team for Recovery Support in Tamil Nadu

I. Design options prepared by Public Works Department (PWD)

SPECIFICATIONS FOR PERMANENT HOUSES FOR TSUNAMI AFFECTED HOUSEHOLDS

Schedule of Items

1.	Earthwork in excavation – trenches
2.	Strip Foundation through brick-work 1:6 in English bond in foundation
3.	Sand filling
4.	Providing 4" thick CC with (1:3:6) 40 mm HGS over sand filling
5.	M20 CC (1:1.5:3) in RCC Foundation Anchorage
6.	M20 CC (1:1.5:3) in Grade Beam at ground level
7.	Brickwork 1:6 in English bond in superstructure with Anchorage
8.	M20 CC (1:1.5:3) in Plinth Beam at Plinth level
9.	M20 CC (1:1.5:3) in RCC throughout Lintel
10.	M20 CC (1:1.5:3) in RCC Chajja with minimum 150mm bearing on either side
11.	M20 CC (1:1.5:3) work in RCC Slab
12.	Providing ISI Standard of Anti Corrosion Steel
13.	Providing shuttering for RCC work
14.	Grading Plaster (1:4) - 6 mm thick - over roof
15.	Providing PCC (150 mm) below AS flooring
16.	AS flooring
17.	Inside plastering (1:6) CM
18.	Skirting inside the room (1:6) CM
19.	Outside Plastering (1:6) CM
20.	Door and window fittings and fixtures
21.	Electrical fixtures and fittings
22.	Toilet fittings and fixtures

Specifications

Plinth height	600 mm minimum
Roof height	Less than or equal to 3000 mm
Brick wall	English bond/ Rat-trap Bond
Lintel	100 mm thick throughout as band
Roof Slab	100 mm thick RCC slab/ Filler Slab
Flooring	AS flooring or Indian floor finish over 150 thk PCC
White washing	Inside and outside surface

Building Materials

Brick	Fly Ash brick/ Kiln burnt brick
Sand	River sand
Cement	53 grade ISI standards
Steel	ISI standard HYSD steel bars
Chips	Crusher/ Hand broken
Door	Non-sal wood / Iron doors
Window	Non-sal wood with iron grills / Iron window





