

HOUSE PLAN & COST ESTIMATE

Project Name: Test House Plan
Description: Testing house plan creation

PROJECT SUMMARY

Item	Value
House Type	Bungalow
Location	Douala
Total Floor Area	34.00 m²
Total Built Area	39.10 m²
Number of Floors	1
Foundation Type	Strip
Wall Type	Sandcrete
Roofing Type	Aluminum
Finishing Level	Standard
Estimated Duration	93 days

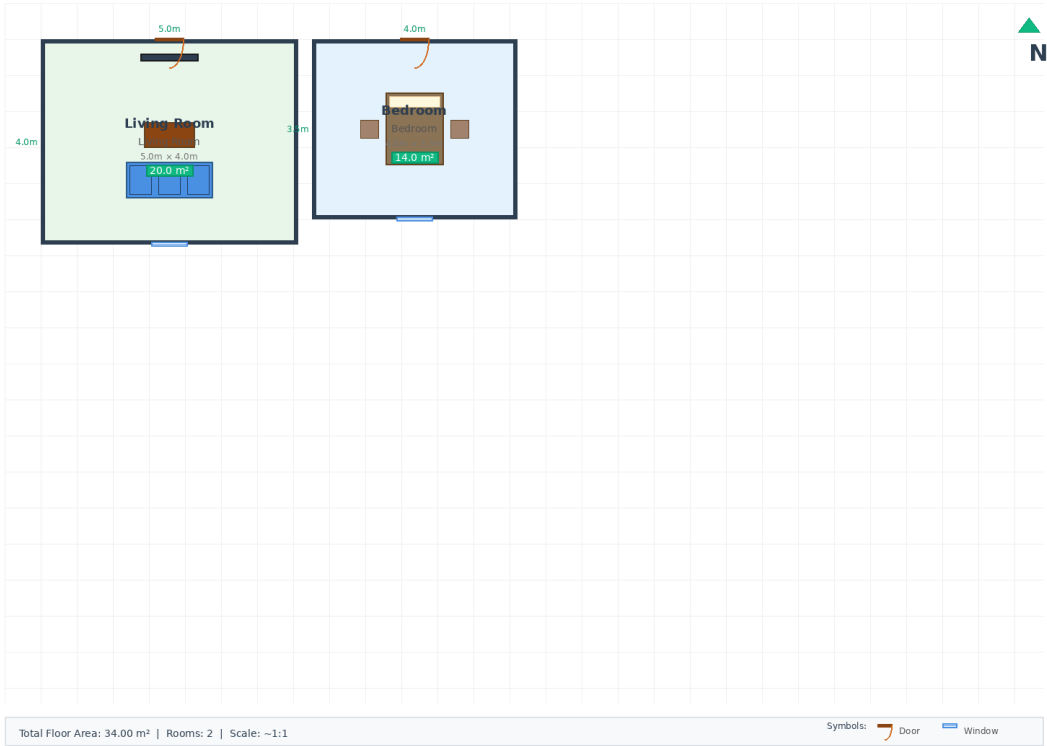
COST SUMMARY

Description	Amount (XAF)
Materials Cost	5,054,850
Labor Cost	2,274,682
TOTAL PROJECT COST	7,329,532

FLOOR PLANS

Ground Floor

FLOOR PLAN - GROUND FLOOR



Room Name	Type	Dimensions	Area (m²)
Living Room	Living Room	5.0m x 4.0m	20.00
Bedroom	Bedroom	4.0m x 3.5m	14.00
TOTAL FLOOR AREA			34.00

BILL OF QUANTITIES (BOQ)

Stage 1: Foundation & Groundwork - 14 days

Item	Unit	Quantity	Unit Price	Total Price
Cement (50kg bags)	bag	98.00	4,500	441,000
Sharp Sand	tonne	32.00	15,000	480,000
Granite Gravel	tonne	47.00	18,000	846,000
Steel Reinforcement 10mm	kg	587.00	650	381,550
Steel Reinforcement 12mm	kg	782.00	650	508,300
STAGE TOTAL				2,656,850

Stage 2: Blockwork & Walls - 21 days

Item	Unit	Quantity	Unit Price	Total Price
Sandcrete Blocks (6 inch)	piece	990.00	250	247,500
Cement for Mortar	bag	149.00	4,500	670,500
Building Sand	tonne	25.00	15,000	375,000
STAGE TOTAL				1,293,000

Stage 3: Roofing & Ceiling - 10 days

Item	Unit	Quantity	Unit Price	Total Price
Aluminum Roofing Sheets	sheet	27.00	4,500	121,500
Timber 4x2 (Battens)	meter	94.00	2,500	235,000
Timber 4x4 (Rafters)	meter	24.00	4,500	108,000
STAGE TOTAL				464,500

Stage 4: Doors & Windows - 7 days

Item	Unit	Quantity	Unit Price	Total Price
External Doors	piece	1.00	52,500	52,500
Internal Doors	piece	1.00	35,000	35,000
Windows	sqm	6.00	25,000	150,000
STAGE TOTAL				237,500

Stage 5: Plumbing Installation - 10 days

Item	Unit	Quantity	Unit Price	Total Price
PVC Pipe 1/2 inch	meter	0.00	850	0
PVC Pipe 1 inch	meter	0.00	1,500	0
PVC Pipe 2 inch	meter	0.00	3,500	0
Water Tank (1000L)	piece	0.00	65,000	0
STAGE TOTAL				0

Stage 6: Electrical Installation - 10 days

Item	Unit	Quantity	Unit Price	Total Price
Electrical Cable 2.5mm	meter	60.00	450	27,000
Electrical Cable 4mm	meter	30.00	750	22,500
Power Sockets	piece	4.00	850	3,400
Light Switches	piece	4.00	650	2,600
Distribution Board	piece	1.00	25,000	25,000
STAGE TOTAL				80,500

Stage 7: Finishing & Painting - 21 days

Item	Unit	Quantity	Unit Price	Total Price
Cement for Plastering	bag	9.00	4,500	40,500
Plastering Sand	tonne	5.00	15,000	75,000
Emulsion Paint (25L)	bucket	3.00	18,000	54,000
Floor Tiles	sqm	34.00	4,500	153,000
STAGE TOTAL				322,500