

GROUP 3

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FITTINGS AND FINISHES

The fittings consist of; ceilings, ceiling fan, water closet and sink, door and windows

The finishes consist of; wall finish and floor finish

Estimation of cost

COST ESTIMATE FOR FITTINGS

FOR CEILING BOARD

- Area of bedroom= 12.28m^2
- Area of w/c= 3.24m^2
- Area of kitchen= 3.96m^2
- Area of living room= 14.53m^2
- Area of lobby= 1.98m^2
- Area of entrance porch= 3.4m^2
- Area of kitchen work-yard= 1.62m^2
- Area of roof overhang = 21.42m^2

Total area covered by ceiling board= 62.4m^2

- Area of one ceiling board = 1.44m^2
- Rate of ceiling board = n800
- Number of ceiling board to be bought = $62.4\text{m}^2 / 1.44\text{m}^2 = 43$ ceiling boards

Amount spent on ceiling board = $n800 \times 43 = n34,400$

FOR CEILING FAN

- Number of fans = 2
- Cost for a ceiling fan = 800
- Total cost = $800 \times 2 = 1600$

FOR WATER CLOSET

- Number of water closet = 1
- Cost for a water closet = 13,850
- Total cost = $1 \times 13,850 = 13,850$

FOR A SINK

- Number of kitchen sink = 1
- Cost for a kitchen sink (two in one sink) = 55,000
- Total cost = $1 \times 55,000 = 55,000$

FOR A WINDOWS

Number of W1 = 5

- Cost per one = 15,000
- Total amount for W1 = $15,000 \times 5 = \#75,000$

Number of W2 = 2

- Cost per one = 13,000
- Total amount for W2 = $\#26,000$

Number of W3 = 1

- Cost per one =10,000
- Total amount for W3 = #10,000

Total amount for windows =75,000+26,00+10,000 = #111,000

FOR DOOR

Number of D1 = 4

- Cost per one =15,000
- Total amount for D1 = #60,000

Number of D2 = 1

- Cost per one =12,000
- Total amount for D2 = #12,000

Total amount for doors = 60,000+12,000 = #72,000

TOTAL COST ESTIMATE FOR ALL THE FITTINGS

= 34,400+16,000+13,850+58,000+111,000+ 72,000 = #247,250

COST ESTIMATE FOR FINISHES

FOR THE FLOOR FINISH (CERAMIC TILES)

- Area of bedroom=12.28m²
- Area of w/c=3.24m²
- Area of kitchen=3.96m²
- Area of living room=14.53m²
- Area of lobby=1.98m²
- Area of entrance porch=3.4m²

- Area of kitchen work-yard = 1.62m^2

Total area covered by floor tiles = 40.98m^2

- Area of one floor tile = 0.36m^2
- Rate of carton of tiles = n5,500
- One carton contains 5 tiles

NUMBER OF CARTON OF TILES TO BE BOUGHT =
 $40.98\text{M}^2 / 0.36\text{M}^2 = 114 \text{ CARTONS}$

AMOUNT SPENT ON FLOOR TILES = $\text{N}5,500 \times 114 = \text{N}627,000$

FOR WALL FINISHES

- For emulsion paint
- Total area for wall = 960.03m
- Total area of openings = 685.55m
- Total area for fenestration = 157.76m
- Total general area of wall to be worked on = 944.53m
- NUMBER OF GALLOWS TO BE USED = 31
- PRICE OF GALLOWS {BUCKETS} = $\text{N}3000$
- TOTAL AMOUNT FOR THE COMPLETION OF THE WORK
 $= 31 \times 3000 = \text{N}93000.$

FOR INTERIOR WALLS

Total area of for wall = 970.00m

- NUMBER OF GALLOWS TO BE USED = 36
- PRICE OF GALLOWS {BUCKETS} = $\text{N}3000$
- TOTAL AMOUNT FOR THE COMPLETION OF THE WORK
 $= 36 \times 3000 = \text{N}108000.$