

## Detailed Estimate

**OD/361/3452/119470/386059/00068721 : Repair & Maintenance of Raisuan PHC, Raisuan GP**  
**Block : Kendujhar Sadar, Gram Panchayat : Raisuan**  
**Created By:Ratikanta Lenka**

<b>1. Dismantling (AR1620) : First floor</b>								
Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof	1.000	23.750	30.910	0.000	0.000	734.112	-
ii		1.000	23.000	15.170	0.000	0.000	348.910	-
iii		1.000	31.660	12.830	0.000	0.000	406.198	-
iv		1.000	25.660	22.000	0.000	0.000	564.520	-
Total Quantity					2053.7403 Sft (Square Foot)		190.7986350909 Sqm (Square Meter)	
Amount					190.7986350909 X 118.53653225806		22616.61	
<b>2. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips</b>								
2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof	1.000	23.750	30.910	0.000	0.000	734.112	-
ii		1.000	23.000	15.170	0.000	0.000	348.910	-
iii		1.000	31.660	12.830	0.000	0.000	406.198	-
iv		1.000	25.660	22.000	0.000	0.000	564.520	-
Total Quantity					2053.7403 Sft (Square Foot)		190.7986350909 Sqm (Square Meter)	

<b>Amount</b>	<b>190.7986350909 X 362.7753704308</b>	<b>69217.05</b>
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**3. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.**

12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Plaster work	1.000	13.830	21.910	0.000	0.000	303.015	-
ii		2.000	13.580	19.910	0.000	0.000	540.756	-
iii		5.000	3.500	4.500	0.000	0.000	78.750	-
iv	Chajja	1.000	5.500	7.000	0.000	0.000	38.500	-
v		1.000	5.000	4.500	0.000	0.000	22.500	-
vi	Ambiance	2.000	38.000	0.000	1.000	0.000	76.000	-
vii		2.000	2.000	0.000	1.000	0.000	4.000	-
<b>Total Quantity</b>					<b>1063.5209 Sft (Square Foot)</b>		<b>98.8042821727 Sqm (Square Meter)</b>	
<b>Amount</b>					<b>98.8042821727 X 173.5319259608</b>		<b>17145.70</b>	

**4. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer**

Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	2.000	8.660	9.910	0.000	0.000	171.641	-
ii		1.000	13.830	9.910	0.000	0.000	137.055	-
iii		1.000	15.170	9.910	0.000	0.000	150.335	-
iv		1.000	23.000	9.910	0.000	0.000	227.930	-
v		1.000	10.830	9.910	0.000	0.000	107.325	-

vi		2.000	31.660	9.910	0.000	0.000	627.501	-	
vii	Boundary wall	2.000	50.000	0.000	7.000	0.000	700.000	-	
viii		2.000	30.000	0.000	6.000	0.000	360.000	-	
ix		2.000	50.000	0.000	5.000	0.000	500.000	-	
x		2.000	48.000	0.000	4.500	0.000	432.000	-	
xi	Chajja	5.000	4.500	5.500	0.000	0.000	123.750	-	
xii		1.000	6.170	5.250	0.000	0.000	32.393	-	
xiii		1.000	6.000	5.500	0.000	0.000	33.000	-	
xiv	Deduct	5.000	3.500	4.500	0.000	0.000	-	78.750	
xv		1.000	5.170	4.250	0.000	0.000	-	21.973	
xvi		1.000	5.000	4.500	0.000	0.000	-	22.500	
Total Quantity					3479.7077 Sft (Square Foot)		323.2752844531 Sqm (Square Meter)		
Amount					323.2752844531 X 160.72305542887		51957.79		
<b>5. Painting (AR0903ak) : Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) .</b>									
Painting two coats of enamel paint with a coat of wood primer in new wood work inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)									
SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Windows	5.000	3.500	4.500	0.000	0.000	78.750	-	
ii		1.000	5.170	4.250	0.000	0.000	21.973	-	
iii		1.000	5.000	4.500	0.000	0.000	22.500	-	
iv	Door	1.000	5.500	0.000	7.000	0.000	38.500	-	
Total Quantity					161.7225 Sft (Square Foot)		15.0245054175 Sqm (Square Meter)		

<b>Amount</b>		15.0245054175 X 238.25220524129		3579.62				
<b>6. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b>								
Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm <sup>2</sup> with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Ambiance work	2.000	38.000	0.830	1.000	0.000	63.080	-
ii		2.000	2.000	0.830	1.000	0.000	3.320	-
Total Quantity					66.4 Cft (Cubic Foot)		1.88023552 Cum (Cubic Meter)	
<b>Amount</b>		1.88023552 X 5094.736280672		9579.30				
<b>Total Amount</b>							<b>174096.07</b>	
<b>Addition</b>								
Provision for PH Work (+) @							12203.93	
Provision for EI Work (+) @							9700.00	
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>25903.93</b>	
<b>Grand Net Total Amount</b>							<b>200000.00</b>	

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