

Analysis

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

Item 1
Dismantling (AR1620): 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.
Sub-Item of Work First floor

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.575	Per day	462	727.65	0
LR001 : Male mulia	0.7875	Per day	462	363.825	0
Total Amount (a+b+c)				1091.475	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					81.860625
CONTRACTOR PROFIT @ 7.5% (+)					88.000171875
LABOUR CESS @ 1% (+)					12.61335796875
Grand Total					1273.9491548437
Say For Unit 1 (Grand Total/9.3)					136.98378009073

Item 2
Concrete (AR0317): 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 specification and direction of Engineer-in charge. (new work)
Sub-Item of Work 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.36	Per day	462	166.32	0
LR044 : Mason	0.1	Per day	612	61.2	0
BRM340 : Cement	0.1208	1 Qntl.	567.52	68.556416	12.34015488
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	65	1.0985	0

BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	850.2	14.36838	0
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b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	28.354	3.4251632	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	731.71	12.365899	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	679.63	11.485747	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	50.25	0.849225	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	424.5	7.17405	0

Total Amount (a+b+c)	346.8433802
Total GST (a)	12.34015488
OVERHEAD CHARGES @ 7.5% (+)	26.938765131
CONTRACTOR PROFIT @ 7.5% (+)	28.959172515825
LABOUR CESS @ 1% (+)	4.1508147272683
Grand Total	419.23228745409
Say For Unit 1 (Grand Total/1)	419.23228745409

Item 3

Plastering (AR1004i): 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.

Sub-Item of Work

12mm thick cement plaster (1:6) over Brick work in outside.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.05	Per day	462	23.1	0
LR001 : Male mulia	0.07	Per day	462	32.34	0
LR025 : Mason	0.14	Per day	562	78.68	0
BRM340 : Cement	0.0358	1 Qntl.	567.52	20.317216	3.65709888
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	65	0.975	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	28.354	1.0150732	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	731.71	10.97565	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	50.25	0.75375	0

Total Amount (a+b+c)	168.1566892				
Total GST (a)	3.65709888				
OVERHEAD CHARGES @ 7.5% (+)	12.886034106				
CONTRACTOR PROFIT @ 7.5% (+)	13.85248666395				
LABOUR CESS @ 1% (+)	1.9855230884995				
Grand Total	200.53783193845				
Say For Unit 1 (Grand Total/1)	200.53783193845				

Item 4
Painting (AR0918cb): 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)
Sub-Item of Work Finishing wall two coats with weather coat with one coat waterbound Primer

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0918f)					
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	194.79	24.34875	0
LR001 : Male mulia	0.064	Per day	462	29.568	0
LR048 : Painter/ Polisher	0.054	Per day	612	33.048	0
Combine :: Painting (AR0901di)					
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	159.03	14.364	0
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0.28354	0.0354425	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.28354	0.025610064516129	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0	0	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0	0	0

Total Amount (a+b+c)	159.13173804839
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	11.934880353629
CONTRACTOR PROFIT @ 7.5% (+)	12.829996380151
LABOUR CESS @ 1% (+)	1.8389661478217
Grand Total	185.73558092999
Say For Unit 1 (Grand Total/1)	185.73558092999

Item 5
Painting (AR0903ak): 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)
Sub-Item of Work Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) .

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0903k)					
LR048 : Painter/ Polisher	0.13709677419355	Per day	612	83.903225806452	0
LR001 : Male mulia	0.12064516129032	Per day	462	55.738064516129	0
BRM141 : Enamel paint	0.125	1 Litre	205.34	25.6675	0
Combine :: Painting (AR0901ak)					
LR048 : Painter/ Polisher	0.054838709677419	Per day	612	33.561290322581	0
BRM138 : Wood Primer	0.075	1 Litre	155.08	11.631	0
LR001 : Male mulia	0.054838709677419	Per day	462	25.335483870968	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	0.125	1 Litre	0.28354	0.0354425	0
BRM138 : Wood Primer	0.075	1 Litre	0.28354	0.0212655	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	0.125	1 Litre	0	0	0

BRM138 : Wood Primer	0.075	1 Litre	0	0	0
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Total Amount (a+b+c)	235.89327251613
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	17.69199543871
CONTRACTOR PROFIT @ 7.5% (+)	19.018895096613
LABOUR CESS @ 1% (+)	2.7260416305145
Grand Total	275.33020468197
Say For Unit 1 (Grand Total/1)	275.33020468197

Item 6

Masonry Brick Work (AR0603bi): 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/cm² 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.

Sub-Item of Work

Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
LR001 : Male mulia	2.82	Per day	462	1302.84	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM340 : Cement	0.672	1 Qntl.	567.52	381.37344	68.6472192
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	65	18.2	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	1000 Nos	5.14255	1799.8925	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	28.354	19.053888	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	731.71	204.8788	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	1000 Nos	0.95245	333.3575	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	50.25	14.07	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance $\pm 2\%$	350	1000 Nos	0	0	0
Total Amount (a+b+c)				4975.646128	
Total GST (a)				68.6472192	
OVERHEAD CHARGES @ 7.5% (+)				378.32200104	
CONTRACTOR PROFIT @ 7.5% (+)				406.696151118	
LABOUR CESS @ 1% (+)				58.29311499358	
Grand Total				5887.6046143516	
Say For Unit 1 (Grand Total/1)				5887.6046143516	

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