

Analysis

OD/361/3452/119470/386164/00014954 : Repair & Maintenance of Government upper primary school,Baliagoda

Block : Kendujhar Sadar, Gram Panchayat : Raisuan

Created By:Binod Chandra Panda

Item 1						
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.	541.68	65.434944	18.32178432	
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	
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)				343.7219082		

Total GST (a)	18.32178432
LABOUR CESS @ 1% (+)	3.6204369252
Grand Total	365.6641294452
Say For Unit 1 (Grand Total/1)	365.6641294452

Item 2

Iron Work (AR1704): Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sub-Item of Work
Iron Doors and windows fixing

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	6606.63	3356.16804	604.1102472
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	1	Per day	512	512	0
LR028 : Fitter	1	Per day	562	562	0
LR047 : Fitter	1	Per day	612	612	0
LR026 : Black smith	1	Per day	562	562	0
LR046 : Blacksmith	0.75	Per day	612	459	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	28.354	14.403832	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	0	0	0

Total Amount (a+b+c)	7579.071872
Total GST (a)	604.1102472
LABOUR CESS @ 1% (+)	81.831821192
Grand Total	8265.013940392
Say For Unit 1 (Grand Total/0.508)	16269.712481087

Item 3

Painting (AR0901dik): Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge(For repair and maintenance).

Sub-Item of Work

Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces (outer surface)(For repair and maintenance) .

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.84	1 Ltr	159.03	133.5852	0
LR048 : Painter/ Polisher	0.51	Per day	612	312.12	0
LR001 : Male mulia	0.51	Per day	462	235.62	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.84	1 Ltr	0.28354	0.2381736	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.84	1 Ltr	0	0	0

Total Amount (a+b+c)

681.5633736

Total GST (a)

0

LABOUR CESS @ 1% (+)

6.815633736

Grand Total

688.379007336

Say For Unit 1 (Grand Total/9.3)

74.019248100645

Item 4

Painting (AR0918fk): Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).

Sub-Item of Work

Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) .

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	194.79	243.4875	0
LR001 : Male mulia	0.6528	Per day	462	301.5936	0
LR048 : Painter/ Polisher	0.5508	Per day	612	337.0896	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	0.28354	0.354425	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	0	0	0

Total Amount (a+b+c)	882.525125				
Total GST (a)	0				
LABOUR CESS @ 1% (+)	8.82525125				
Grand Total	891.35037625				
Say For Unit 1 (Grand Total/10)	89.135037625				

Item 5

Painting (AR0922k): Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)(For Repair and maintenance)

Sub-Item of Work

Finishing wall two coats with distemper of approved shades on new work (Inside)(For repair and maintenance).

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.5304	Per day	612	324.6048	0
BRM142 : Distemper	2.5	1 Kg.	70.1	175.25	0
LR001 : Male mulia	0.6324	Per day	462	292.1688	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0.28354	0.70885	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0	0	0

Total Amount (a+b+c)	792.73245				
Total GST (a)	0				
LABOUR CESS @ 1% (+)	7.9273245				
Grand Total	800.6597745				
Say For Unit 1 (Grand Total/10)	80.06597745				

Item 6

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

Total Amount (a+b+c)	235.89327251613
Total GST (a)	0
LABOUR CESS @ 1% (+)	2.3589327251613
Grand Total	238.25220524129
Say For Unit 1 (Grand Total/1)	238.25220524129

Item 7

Plastering (AR1014i): 16mm thick cement Plaster in CM (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

16mm thick cement Plaster in CM (1:6) over brick work in outside (outside)

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.11	Per day	462	50.82	0
LR001 : Male mulia	0.13	Per day	462	60.06	0
LR025 : Mason	0.16	Per day	562	89.92	0
BRM340 : Cement	0.043	1 Qntl.	541.68	23.29224	6.5218272
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	65	1.17	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	28.354	1.219222	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	731.71	13.17078	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	50.25	0.9045	0

Total Amount (a+b+c)	240.556742				
Total GST (a)	6.5218272				
LABOUR CESS @ 1% (+)	2.470785692				
Grand Total	249.549354892				
Say For Unit 1 (Grand Total/1)	249.549354892				

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