

## Analysis

**OD/370/3547/121124/425349/00069218 : REPAIR AND MAINTANANCE OF UP SCHOOL  
DARUKONA**

**Block : Bissamcuttack, Gram Panchayat : Sahada  
Created By:BINAYAK MISHRA**

<b>Item 1</b>
<b>Dismantling (AR1620):</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.
Sub-Item of Work <b>Dismantling and removing 2.5 cm thick grading concrete from roof</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.5	Per day	462	693	0
LR001 : Male mulia	0.75	Per day	462	346.5	0
<b>Total Amount (a+b+c)</b>				1039.5	
<b>Total GST (a)</b>					0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					77.9625
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					83.8096875
<b>LABOUR CESS @ 1% (+)</b>					12.012721875
<b>Grand Total</b>					1213.284909375
<b>Say For Unit 1 (Grand Total/9.3)</b>					130.46074294355

<b>Item 2</b>
<b>Concrete (AR0318):</b> 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)
Sub-Item of Work <b>4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	1.008	Per day	462	465.696	0
LR044 : Mason	0.165	Per day	612	100.98	0
BRM340 : Cement	0.1287	1 Qntl.	569.96	73.353852	13.20369336
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	76.88	1.38384	0

<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1 Cum.	850.2	15.3036	0
<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	1 Cum.	1396.62	25.13916	0

<b>b) Carriage Rate Details</b>						
Particular	Quantity	Unit	Rate	Amount	GST	
<b>BRM340</b> : Cement	0.1287	1 Qntl.	30.732	3.9552084	0	
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	341.11	6.13998	0	
<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1 Cum.	341.11	6.13998	0	
<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	1 Cum.	341.11	6.13998	0	

<b>c) Royalty Rate Details</b>						
Particular	Quantity	Unit	Rate	Amount	GST	
<b>BRM340</b> : Cement	0.1287	1 Qntl.	0	0	0	
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	109.25	1.9665	0	
<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1 Cum.	176.8	3.1824	0	
<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	1 Cum.	176.8	3.1824	0	

<b>Total Amount (a+b+c)</b>	712.5629004
<b>Total GST (a)</b>	13.20369336
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	54.432494532
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	58.5149316219
<b>LABOUR CESS @ 1% (+)</b>	8.387140199139
<b>Grand Total</b>	847.10116011304
<b>Say For Unit 1 (Grand Total/1)</b>	847.10116011304

<b>Item 3</b>
<b>Dismantling (AR1613):</b> Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.
Sub-Item of Work <b>Removing old lime or cement plaster</b>

<b>a) Specific Rate Details</b>
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Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	1	Per day	462	462	0
<b>Total Amount (a+b+c)</b>				462	
<b>Total GST (a)</b>					0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					34.65
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					37.24875
<b>LABOUR CESS @ 1% (+)</b>					5.3389875
<b>Grand Total</b>					539.2377375
<b>Say For Unit 1 (Grand Total/9.3)</b>					57.982552419355

#### Item 4

**Plastering (AR1014):** 16mm thick cement Plaster in CM (1:6) over brick work in inside 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 inside.**

#### 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.	569.96	24.50828	4.4114904
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	76.88	1.38384	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	30.732	1.321476	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	341.11	6.13998	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	109.25	1.9665	0

<b>Total Amount (a+b+c)</b>				236.120076	
<b>Total GST (a)</b>					4.4114904
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					18.03986748
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					19.392857541

<b>LABOUR CESS @ 1% (+)</b>	2.77964291421
<b>Grand Total</b>	280.74393433521
<b>Say For Unit 1 (Grand Total/1)</b>	280.74393433521

### Item 5

**Painting (AR0901a):** Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sub-Item of Work

**Priming one coat in inner surface with primer of approved quality over woodwork**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR048</b> : Painter/ Polisher	0.5	Per day	612	306	0
<b>BRM138</b> : Wood Primer	0.6975	1 Litre	155.08	108.1683	0
<b>LR001</b> : Male mulia	0.5	Per day	462	231	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM138</b> : Wood Primer	0.6975	1 Litre	0.30732	0.2143557	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM138</b> : Wood Primer	0.6975	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	645.3826557
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	48.4036991775
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	52.033976615813
<b>LABOUR CESS @ 1% (+)</b>	7.4582033149331
<b>Grand Total</b>	753.27853480825
<b>Say For Unit 1 (Grand Total/9.3)</b>	80.997691914865

### Item 6

**Painting (AR0919):** Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)

Sub-Item of Work

**Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM140</b> : Plastic Emulsion paint	0.75	1 Litre	249.34	187.005	0
<b>LR001</b> : Male mulia	0.43	Per day	462	198.66	0
<b>LR048</b> : Painter/ Polisher	0.36	Per day	612	220.32	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM140</b> : Plastic Emulsion paint	0.75	1 Litre	0.30732	0.23049	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM140</b> : Plastic Emulsion paint	0.75	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	606.21549
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	45.46616175
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	48.87612388125
<b>LABOUR CESS @ 1% (+)</b>	7.0055777563125
<b>Grand Total</b>	707.56335338756
<b>Say For Unit 1 (Grand Total/10)</b>	70.756335338756

**Item 7**

**Concrete (AR0303):** Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work

**Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR025</b> : Mason	0.18	Per day	562	101.16	0
<b>LR002</b> : Female mulia	1.4	Per day	462	646.8	0
<b>LR001</b> : Male mulia	2.5	Per day	462	1155	0
<b>BRM340</b> : Cement	2.29	1 Qntl.	569.96	1305.2084	234.937512
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0
<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	950	912	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	2.29	1 Qntl.	30.732	70.37628	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	341.11	163.7328	0

<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	341.11	327.4656	0
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<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	2.29	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	109.25	52.44	0
<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	176.8	169.728	0

<b>Total Amount (a+b+c)</b>	4940.81348
<b>Total GST (a)</b>	234.937512
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	388.1813244
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	417.29492373
<b>LABOUR CESS @ 1% (+)</b>	59.8122724013
<b>Grand Total</b>	6041.0395125313
<b>Say For Unit 1 (Grand Total/1)</b>	6041.0395125313

<b>Item 8</b>
<b>Other Building Items. (AR1901B):</b> Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)
Sub-Item of Work <b>Vitrified Tile 600mmx600mm Plain Ivory</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM174</b> : White Cement.	0.076	1Qntl	2017.18	153.30568	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	569.96	612.13704	110.1846672
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	76.88	16.1448	0
<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	651.08	6510.8	0
<b>LR001</b> : Male mulia	2.16	Per day	462	997.92	0
<b>LR044</b> : Mason	2.16	Per day	612	1321.92	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM174</b> : White Cement.	0.076	1Qntl	30.732	2.335632	0

<b>BRM340</b> : Cement	1.074	1 Qntl.	30.732	33.006168	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	341.11	71.6331	0
<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	11.2375001	112.375001	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM174</b> : White Cement.	0.076	1Qntl	0	0	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	109.25	22.9425	0
<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	0	0	0

<b>Total Amount (a+b+c)</b>	9854.519921
<b>Total GST (a)</b>	110.1846672
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	747.352844115
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	803.40430742362
<b>LABOUR CESS @ 1% (+)</b>	115.15461739739
<b>Grand Total</b>	11630.616357136
<b>Say For Unit 1 (Grand Total/10)</b>	1163.0616357136

**Item 9**

**Painting (AR0903i):** Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sub-Item of Work

**Painting two coats of enamel paint in outer surface paint (outer surface)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR048</b> : Painter/ Polisher	1.25	Per day	612	765	0
<b>LR001</b> : Male mulia	1.1	Per day	462	508.2	0
<b>BRM141</b> : Enamel paint	1.1625	1 Litre	205.34	238.70775	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM141</b> : Enamel paint	1.1625	1 Litre	0.30732	0.3572595	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0	0	0
<b>Total Amount (a+b+c)</b>				1512.2650095	
<b>Total GST (a)</b>				0	
<b>OVERHEAD CHARGES @ 7.5% (+)</b>				113.4198757125	
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>				121.92636639094	
<b>LABOUR CESS @ 1% (+)</b>				17.476112516034	
<b>Grand Total</b>				1765.0873641195	
<b>Say For Unit 1 (Grand Total/9.3)</b>				189.7943402279	

**SAGAR GOUDA**  
**JE**  
**Bissamcuttack Block**

**SRI RAMESH CHANDRA SAHU**  
**AEE**  
**Bissamcuttack Block**

**SRI SIBA PRASAD PATNAIK**  
**BDO**  
**Bissamcuttack Block**