

## Analysis

**OD/366/3513/120431/427475/00066945 : Repair of Pry School at Dhadiapada village**  
**Block : Chandahandi, Gram Panchayat : Phatki**  
**Created By:CHAINU GOND**

<b>Item 1</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>

<b>a) Specific Rate Details</b>						
Particular	Quantity	Unit	Rate	Amount	GST	
<b>LR001</b> : Male mulia	1.008	Per day	462	465.696	0	
<b>LR044</b> : Mason	0.165	Per day	612	100.98	0	
<b>BRM340</b> : Cement	0.1287	1 Qntl.	561	72.2007	12.996126	
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	76.13	1.37034	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	40.25	0.7245	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.	149.5	2.691	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.	149.5	2.691	0

<b>Total Amount (a+b+c)</b>	709.1714484
<b>Total GST (a)</b>	12.996126
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	54.16256808
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	58.224760686
<b>LABOUR CESS @ 1% (+)</b>	8.34554903166
<b>Grand Total</b>	842.90045219766
<b>Say For Unit 1 (Grand Total/1)</b>	842.90045219766

<b>Item 2</b>
<b>Painting (AR0901a):</b> 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 <b>Priming one coat in inner surface with primer of approved quality over woodwork</b>

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

<b>c) Royalty Rate Details</b>					
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 3**

**Painting (AR0922):** 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)

Sub-Item of Work

**Finishing wall two coats with distemper of approved shades on new work (Inside)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.52	Per day	612	318.24	0
BRM142 : Distemper	2.5	1 Kg.	70.1	175.25	0
LR001 : Male mulia	0.62	Per day	462	286.44	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0.30732	0.7683	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0	0	0

<b>Total Amount (a+b+c)</b>					780.6983
<b>Total GST (a)</b>					0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					58.5523725
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					62.9438004375
<b>LABOUR CESS @ 1% (+)</b>					9.021944729375
<b>Grand Total</b>					911.21641766688
<b>Say For Unit 1 (Grand Total/10)</b>					91.121641766688

**Item 4**

**Other Building Items. (AR1901B):** 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

**Vitrified Tile 600mmx600mm Plain Ivory**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	2017.18	153.30568	0
BRM340 : Cement	1.074	1 Qntl.	561	602.514	108.45252

<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	76.13	15.9873	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) Carriage Rate Details

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	40.25	8.4525	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>	9830.249381
<b>Total GST (a)</b>	108.45252
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	745.402642575
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	801.30784076813
<b>LABOUR CESS @ 1% (+)</b>	114.85412384343
<b>Grand Total</b>	11600.266508187
<b>Say For Unit 1 (Grand Total/10)</b>	1160.0266508187

#### Item 5

**Painting (AR0901ai):** Priming one coat in outer 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 outer surface with primer of approved quality over woodwork**

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

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

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM138 : 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				

<b>Item 6</b>
<b>Painting (AR0918ca):</b> Finishing wall surface two coats with weather coat with one coat oilbound 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 <b>Finishing wall two coats with weather coat with one coat oilbound Primer</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0918f)</b>					
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
<b>Combine :: Painting (AR0901ci)</b>					
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	125.5	10.542	0
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0

<b>b) Carriage Rate Details</b>					
---------------------------------	--	--	--	--	--

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0.30732	0.038415	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.30732	0.02581488	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0	0	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	155.31291536387				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	11.64846865229				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	12.522103801212				
<b>LABOUR CESS @ 1% (+)</b>	1.7948348781737				
<b>Grand Total</b>	181.27832269555				
<b>Say For Unit 1 (Grand Total/1)</b>	181.27832269555				

**Item 7**

**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.	6183.17	3141.05036	565.3890648
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.	30.732	15.611856	0

<b>c) Royalty Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRM341 : Steel</b>	0.508	1 Qntl.	0	0	0

<b>Total Amount (a+b+c)</b>	7365.162216				
<b>Total GST (a)</b>	565.3890648				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	594.79134606				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	639.4006970145				
<b>LABOUR CESS @ 1% (+)</b>	91.647433238745				
<b>Grand Total</b>	9256.3907571132				
<b>Say For Unit 1 (Grand Total/0.508)</b>	18221.241647861				

**Nilakantha Pattnaik  
JE  
Chandahandi Block**

**Bhagaban Behera  
AEE  
Chandahandi Block**

**CHAINU GOND  
BDO  
Chandahandi Block**