

## Analysis

**OD/354/3380/117908/411364/00065533 : Repair & Maintenance of Livestock Aid Centers & Veterinary Dispensaries under F & ARD Department of Hatiota GP**  
**Block : Polosara, Gram Panchayat : Hatiota**  
**Created By:SASI BHUSAN MAHAPATRO**

<b>Item 1</b>					
<b>Plastering (AR1014):</b> 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 <b>16mm thick cement Plaster in CM (1:6) over brick work in inside.</b>					
<b>a) Specific Rate Details</b>					
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.	567.71	24.41153	4.3940754
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	66.23	1.19214	0
<b>b) Carriage Rate Details</b>					
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
<b>c) Royalty Rate Details</b>					
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	40.25	0.7245	0
<b>Total Amount (a+b+c)</b>				234.589626	
<b>Total GST (a)</b>				4.3940754	
<b>OVERHEAD CHARGES @ 7.5% (+)</b>				17.923777605	
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>				19.268060925375	
<b>LABOUR CESS @ 1% (+)</b>				2.7617553993038	
<b>Grand Total</b>				278.93729532968	
<b>Say For Unit 1 (Grand Total/1)</b>				278.93729532968	

**Item 2**

**Concrete (AR0307):** Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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.

Sub-Item of Work

**Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	3.2	Per day	462	1478.4	0
LR025 : Mason	0.68	Per day	562	382.16	0
BRM340 : Cement	3.23	1 Qntl.	567.71	1833.7033	330.066594
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	66.23	29.8035	0
BRM056 : 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)	0.9	1 Cum.	1396.62	1256.958	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	30.732	99.26436	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	341.11	153.4995	0
BRM056 : 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)	0.9	1 Cum.	341.11	306.999	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	40.25	18.1125	0
BRM056 : 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)	0.9	1 Cum.	149.5	134.55	0

**Total Amount (a+b+c)**

6340.25016

**Total GST (a)**

330.066594

**OVERHEAD CHARGES @ 7.5% (+)**

500.27375655

<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	537.79428829125
<b>LABOUR CESS @ 1% (+)</b>	77.083847988413
<b>Grand Total</b>	7785.4686468297
<b>Say For Unit 1 (Grand Total/1)</b>	7785.4686468297

### Item 3

**Painting (AR0901di):** 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.

Sub-Item of Work

**Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface )**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.84	1 Ltr	159.03	133.5852	0
<b>LR048</b> : Painter/ Polisher	0.5	Per day	612	306	0
<b>LR001</b> : Male mulia	0.5	Per day	462	231	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.84	1 Ltr	0.30732	0.2581488	0

#### c) Royalty Rate Details

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

<b>Total Amount (a+b+c)</b>	670.8433488
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	50.31325116
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	54.086744997
<b>LABOUR CESS @ 1% (+)</b>	7.75243344957
<b>Grand Total</b>	782.99577840657
<b>Say For Unit 1 (Grand Total/9.3)</b>	84.193094452319

### Item 4

**Painting (AR0918f):** 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, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)

Sub-Item of Work

**Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)**

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	194.79	243.4875	0
LR001 : Male mulia	0.64	Per day	462	295.68	0
LR048 : Painter/ Polisher	0.54	Per day	612	330.48	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	0.30732	0.38415	0

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

<b>Total Amount (a+b+c)</b>	870.03165				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	65.25237375				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	70.14630178125				
<b>LABOUR CESS @ 1% (+)</b>	10.054303255312				
<b>Grand Total</b>	1015.4846287866				
<b>Say For Unit 1 (Grand Total/10)</b>	101.54846287866				

<b>Item 5</b>
<b>Painting (AR0903i):</b> 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 <b>Painting two coats of enamel paint in outer surface paint (outer surface)</b>

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

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

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

**Sudhansu Sekhar Pattanaik**  
**JE**  
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