

## Analysis

**OD/361/3452/119465/386014/00069188 : Repair & Maintenance of Govt. Primary School,  
Jadichatar  
Block : Kendujhar Sadar, Gram Panchayat : Padmapur  
Created By:Binod Chandra Panda**

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

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

<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.	0.0169	1 Cum.	850.2	14.36838	0
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#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.1208	1 Qntl.	36.677	4.4305816	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	1 Cum	822.85	13.906165	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.	0.0169	1 Cum.	601.51	10.165519	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.1208	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	1 Cum	50.25	0.849225	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.	0.0169	1 Cum.	424.5	7.17405	0

<b>Total Amount (a+b+c)</b>	348.0688366
<b>Total GST (a)</b>	12.34015488
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	27.030674361
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	29.057974938075
<b>LABOUR CESS @ 1% (+)</b>	4.1649764077907
<b>Grand Total</b>	420.66261718687
<b>Say For Unit 1 (Grand Total/1)</b>	420.66261718687

#### Item 3

**Plastering (AR1027i):** 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in outside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sub-Item of Work

**6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping ( outside )**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR001</b> : Male mulia	0.12	Per day	462	55.44	0
<b>LR002</b> : Female mulia	0.05	Per day	462	23.1	0
<b>LR025</b> : Mason	0.14	Per day	562	78.68	0
<b>BRM340</b> : Cement	0.0372	1 Qntl.	567.52	21.111744	3.80011392
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	1 Cum	65	0.4875	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	36.677	1.3643844	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	822.85	6.171375	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	50.25	0.376875	0

<b>Total Amount (a+b+c)</b>	186.7318784				
<b>Total GST (a)</b>	3.80011392				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	14.289899424				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	15.3616418808				
<b>LABOUR CESS @ 1% (+)</b>	2.201835336248				
<b>Grand Total</b>	222.38536896105				
<b>Say For Unit 1 (Grand Total/1)</b>	222.38536896105				

#### Item 4

**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)**

<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.	567.52	24.40336	4.3926048
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	65	1.17	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	36.677	1.577111	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	822.85	14.8113	0

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

<b>BRM340</b> : Cement	0.043	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	50.25	0.9045	0

<b>Total Amount (a+b+c)</b>	243.666271
<b>Total GST (a)</b>	4.3926048
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	18.604415685
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	19.999746861375
<b>LABOUR CESS @ 1% (+)</b>	2.8666303834637
<b>Grand Total</b>	289.52966872984
<b>Say For Unit 1 (Grand Total/1)</b>	289.52966872984

### Item 5

**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
<b>Combine :: Painting (AR0918f)</b>					
<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	1 Ltr	194.79	24.34875	0
<b>LR001</b> : Male mulia	0.064	Per day	462	29.568	0
<b>LR048</b> : Painter/ Polisher	0.054	Per day	612	33.048	0
<b>Combine :: Painting (AR0901di)</b>					
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	159.03	14.364	0
<b>LR048</b> : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
<b>LR001</b> : Male mulia	0.053763440860215	Per day	462	24.838709677419	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	1 Ltr	0.36677	0.04584625	0
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.36677	0.033127612903226	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	1 Ltr	0	0	0
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	159.14965934677
<b>Total GST (a)</b>	0

<b>OVERHEAD CHARGES @ 7.5% (+)</b>	11.936224451008
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	12.831441284834
<b>LABOUR CESS @ 1% (+)</b>	1.8391732508262
<b>Grand Total</b>	185.75649833344
<b>Say For Unit 1 (Grand Total/1)</b>	185.75649833344

### Item 6

**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.	0.36677	0.916925	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>	780.846925
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	58.563519375
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	62.955783328125
<b>LABOUR CESS @ 1% (+)</b>	9.0236622770313
<b>Grand Total</b>	911.38988998016
<b>Say For Unit 1 (Grand Total/10)</b>	91.138988998016

### Item 7

**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) .**

<b>a) Specific Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>Combine :: Painting (AR0903k)</b>					
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
<b>Combine :: Painting (AR0901ak)</b>					
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>b) Carriage Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
BRM141 : Enamel paint	0.125	1 Litre	0.36677	0.04584625	0
BRM138 : Wood Primer	0.075	1 Litre	0.36677	0.02750775	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>
BRM141 : Enamel paint	0.125	1 Litre	0	0	0
BRM138 : Wood Primer	0.075	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	235.90991851613
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	17.69324388871
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	19.020237180363
<b>LABOUR CESS @ 1% (+)</b>	2.726233995852
<b>Grand Total</b>	275.34963358105
<b>Say For Unit 1 (Grand Total/1)</b>	275.34963358105

**Ratikanta Lenka**  
**JE**  
**Kendujhar Sadar Block**

**Sabyasachi Pradhan**  
**AEE**  
**Kendujhar Sadar Block**

**Binod Chandra Panda**  
**BDO**  
**Kendujhar Sadar Block**