

## Analysis

**OD/361/3445/119307/385414/00070145 : Repair & Maintenance of Indraprastha Primary School**

**Block : Champua, Gram Panchayat : Sunaposi**

**Created By:KendujharChampuaBDO**

<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>Painting (AR0901dk):</b> Priming one coat with inner 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 <b>Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)(For repair and maintenance) .</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	159.03	124.234236	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	0.7812	1 Ltr	0.30732	0.240078384	0
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c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0	0	0

Total Amount (a+b+c)	672.214314384
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	50.4160735788
CONTRACTOR PROFIT @ 7.5% (+)	54.19727909721
LABOUR CESS @ 1% (+)	7.7682766706001
Grand Total	784.59594373061
Say For Unit 1 (Grand Total/9.3)	84.365155239851

<b>Item 3</b>
<b>Painting (AR0918c):</b> Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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 <b>Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside)</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0918a)</b>					
BRM143 : Cement paint	0.25	1 Kg.	47.83	11.9575	0
LR001 : Male mulia	0.032	Per day	462	14.784	0
LR048 : Painter/ Polisher	0.022	Per day	612	13.464	0
<b>Combine :: Painting (AR0923b1041)</b>					
LR001 : Male mulia	0.010752688172043	Per day	462	4.9677419354839	0
BRM340 : Cement	0.010763440860215	1 Qntl.	554.16	5.9646683870968	1.0736403096774
LR029 : Painter/ Polisher	0.0080645161290323	Per day	562	4.5322580645161	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM143 : Cement paint	0.25	1 Kg.	0.30732	0.07683	0
BRM340 : Cement	0.010763440860215	1 Qntl.	30.732	0.33078206451613	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM143 : Cement paint	0.25	1 Kg.	0	0	0

BRM340 : Cement	0.010763440860215	1 Qntl.	0	0	0
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<b>Total Amount (a+b+c)</b>	56.077780451613
<b>Total GST (a)</b>	1.0736403096774
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	4.2863565570968
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	4.607833298879
<b>LABOUR CESS @ 1% (+)</b>	0.66045610617266
<b>Grand Total</b>	66.706066723439
<b>Say For Unit 1 (Grand Total/1)</b>	66.706066723439

#### Item 4

**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.	554.16	66.942528	12.04965504
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.	30.732	3.7124256	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	536.41	9.065329	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.	601.51	10.165519	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	0	0	0

<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	1 Cum	270.25	4.567225	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.	782.5	13.22425	0

<b>Total Amount (a+b+c)</b>	350.6641566
<b>Total GST (a)</b>	12.04965504
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	27.203535873
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	29.243801063475
<b>LABOUR CESS @ 1% (+)</b>	4.1916114857648
<b>Grand Total</b>	423.35276006224
<b>Say For Unit 1 (Grand Total/1)</b>	423.35276006224

<b>Item 5</b>
<b>Painting (AR0901b):</b> Priming one coat in inner surface with primer of approved quality over iron work 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 iron work.</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>BRM137</b> : Red oxide Primer	0.5022	1 Litre	142.7	71.66394	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>BRM137</b> : Red oxide Primer	0.5022	1 Litre	0.30732	0.154336104	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM137</b> : Red oxide Primer	0.5022	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	608.818276104
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	45.6613707078
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	49.085973510885
<b>LABOUR CESS @ 1% (+)</b>	7.0356562032268
<b>Grand Total</b>	710.60127652591
<b>Say For Unit 1 (Grand Total/9.3)</b>	76.408739411388

**Item 6**

**Dismantling (AR1613):** 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

**Removing old lime or cement plaster**

**a) Specific Rate Details**

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 7**

**Plastering (AR1004):** 12mm thick cement plaster (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

**12mm thick cement plaster (1:6) over Brick work in inside**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.05	Per day	462	23.1	0
LR001 : Male mulia	0.07	Per day	462	32.34	0
LR025 : Mason	0.14	Per day	562	78.68	0
BRM340 : Cement	0.0358	1 Qntl.	554.16	19.838928	3.57100704
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	65	0.975	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	30.732	1.1002056	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	536.41	8.04615	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM340</b> : Cement	0.0358	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1 Cum	270.25	4.05375	0

<b>Total Amount (a+b+c)</b>	168.1340336				
<b>Total GST (a)</b>	3.57100704				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	12.877878048				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	13.8437189016				
<b>LABOUR CESS @ 1% (+)</b>	1.984266375896				
<b>Grand Total</b>	200.4109039655				
<b>Say For Unit 1 (Grand Total/1)</b>	200.4109039655				

**Sudeshna Patra**  
**JE**  
**Champua Block**

**SABYASACHI NAYAK**  
**AEE**  
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