

## Analysis

**OD/365/3488/120072/387531/00067633 : Repairing of AWC building at Dalsora**  
**Block : Bahalda, Gram Panchayat : Bhitaramda**  
**Created By:MayurbhanjBahaldaBDO**

<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.	608	78.2496	14.084928
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	66.85	1.2033	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.	36.677	4.7203299	0	
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	471.31	8.48358	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.	471.31	8.48358	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.	471.31	8.48358	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>	722.8492299
<b>Total GST (a)</b>	14.084928
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	55.2700618425
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	59.415316480687
<b>LABOUR CESS @ 1% (+)</b>	8.5161953622319
<b>Grand Total</b>	860.13573158542
<b>Say For Unit 1 (Grand Total/1)</b>	860.13573158542

<b>Item 3</b>
<b>Dismantling (AR1612):</b> Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse 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 artificial stone flooring</b>

<b>a) Specific Rate Details</b>
---------------------------------

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.25	Per day	462	577.5	0
LR001 : Male mulia	0.75	Per day	462	346.5	0

<b>Total Amount (a+b+c)</b>					924
<b>Total GST (a)</b>					0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					69.3
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					74.4975
<b>LABOUR CESS @ 1% (+)</b>					10.677975
<b>Grand Total</b>					1078.475475
<b>Say For Unit 1 (Grand Total/9.3)</b>					115.96510483871

#### Item 4

**Concrete (AR0304):** Cement concrete (1:4:8) 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 (1:4:8) with 4 cm. hard granite(Crusher Broken) metal**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
LR025 : Mason	0.18	Per day	562	101.16	0
BRM340 : Cement	1.72	1 Qntl.	608	1045.76	188.2368
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	66.85	32.088	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	471.31	452.4576	0
BRM340 : Cement	1.72	1 Qntl.	36.677	63.08444	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	471.31	226.2288	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	149.5	143.52	0
BRM340 : Cement	1.72	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	40.25	19.32	0

<b>Total Amount (a+b+c)</b>	4840.85884
<b>Total GST (a)</b>	188.2368
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	377.182173
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	405.470835975
<b>LABOUR CESS @ 1% (+)</b>	58.11748648975
<b>Grand Total</b>	5869.8661354647
<b>Say For Unit 1 (Grand Total/1)</b>	5869.8661354647

### Item 5

**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
<b>BRM174</b> : White Cement.	0.076	1Qntl	2017.18	153.30568	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	608	652.992	117.53856
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	66.85	14.0385	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	48.567	3.691092	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	36.677	39.391098	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	471.31	98.9751	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.	14.5102781	145.102781	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>	9946.588751
<b>Total GST (a)</b>	117.53856
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	754.809548325
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	811.42026444937
<b>LABOUR CESS @ 1% (+)</b>	116.30357123774
<b>Grand Total</b>	11746.660695012
<b>Say For Unit 1 (Grand Total/10)</b>	1174.6660695012

#### Item 6

**Flooring (AR0817aa):** Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

Sub-Item of Work

**Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<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>BRMMR0027</b> : Wax Polish	10	1 Sqm	8.5	85	0
<b>LR044</b> : Mason	3.25	Per day	612	1989	0
<b>LR001</b> : Male mulia	3.25	Per day	462	1501.5	0
<b>LR008</b> : Sangi mulia	7.6	Per day	512	3891.2	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	608	836	150.48
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	66.85	10.0275	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
------------	----------	------	------	--------	-----

<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.	14.5102781	145.102781	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	36.677	50.430875	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	471.31	70.6965	0

### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<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>BRM340</b> : Cement	1.375	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	40.25	6.0375	0

<b>Total Amount (a+b+c)</b>	15095.795156
<b>Total GST (a)</b>	150.48
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1143.4706367
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1229.2309344525
<b>LABOUR CESS @ 1% (+)</b>	176.18976727152
<b>Grand Total</b>	17795.166494424
<b>Say For Unit 1 (Grand Total/10)</b>	1779.5166494424

### 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
<b>LR002</b> : Female mulia	0.05	Per day	462	23.1	0
<b>LR001</b> : Male mulia	0.07	Per day	462	32.34	0
<b>LR025</b> : Mason	0.14	Per day	562	78.68	0
<b>BRM340</b> : Cement	0.0358	1 Qntl.	608	21.7664	3.917952
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1 Cum	66.85	1.00275	0

### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
------------	----------	------	------	--------	-----

<b>BRM340</b> : Cement	0.0358	1 Qntl.	36.677	1.3130366	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1 Cum	471.31	7.06965	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<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	40.25	0.60375	0

<b>Total Amount (a+b+c)</b>	165.8755866
<b>Total GST (a)</b>	3.917952
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	12.734515395
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	13.689604049625
<b>LABOUR CESS @ 1% (+)</b>	1.9621765804462
<b>Grand Total</b>	198.17983462507
<b>Say For Unit 1 (Grand Total/1)</b>	198.17983462507

**Item 8**

**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
<b>LR002</b> : Female mulia	0.11	Per day	462	50.82	0
<b>LR001</b> : Male mulia	0.13	Per day	462	60.06	0
<b>LR025</b> : Mason	0.16	Per day	562	89.92	0
<b>BRM340</b> : Cement	0.043	1 Qntl.	608	26.144	4.70592
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	66.85	1.2033	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.043	1 Qntl.	36.677	1.577111	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	471.31	8.48358	0

**c) Royalty Rate Details**

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	40.25	0.7245	0

<b>Total Amount (a+b+c)</b>	238.932491
<b>Total GST (a)</b>	4.70592
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	18.272880825
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	19.643346886875
<b>LABOUR CESS @ 1% (+)</b>	2.8155463871188
<b>Grand Total</b>	284.37018509899
<b>Say For Unit 1 (Grand Total/1)</b>	284.37018509899

### Item 9

**Painting (AR0920):** Finishing wall two coats with plastic emulsion paint 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 plastic emulsion paint of approved shades on new work (Inside)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM140</b> : Plastic Emulsion paint	1.25	1 Litre	249.34	311.675	0
<b>LR048</b> : Painter/ Polisher	0.54	Per day	612	330.48	0
<b>LR001</b> : Male mulia	0.64	Per day	462	295.68	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM140</b> : Plastic Emulsion paint	1.25	1 Litre	0.42622	0.532775	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM140</b> : Plastic Emulsion paint	1.25	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	938.367775
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	70.377583125
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	75.655901859375
<b>LABOUR CESS @ 1% (+)</b>	10.844012599844
<b>Grand Total</b>	1095.2452725842
<b>Say For Unit 1 (Grand Total/10)</b>	109.52452725842

### Item 10

**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>					
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 (AR0901di)</b>					
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	159.03	14.364	0
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0.42622	0.0532775	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.42622	0.038497290322581	0

**c) Royalty Rate Details**

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

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

159.16246027419

**Total GST (a)**

0

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

11.937184520565

**CONTRACTOR PROFIT @ 7.5% (+)**

12.832473359607

**LABOUR CESS @ 1% (+)**

1.8393211815436

**Grand Total**

185.77143933591

**Say For Unit 1 (Grand Total/1)**

185.77143933591

**Item 11**

**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
------------	----------	------	------	--------	-----

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) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0.42622	0.49548075	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>	1512.40323075				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	113.43024230625				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	121.93751047922				
<b>LABOUR CESS @ 1% (+)</b>	17.477709835355				
<b>Grand Total</b>	1765.2486933708				
<b>Say For Unit 1 (Grand Total/9.3)</b>	189.81168745923				

**PRAFULLA KUMAR BED**  
**JE**  
**Bahalda Block**

**MADAN MOHAN NAIK**  
**AEE**  
**Bahalda Block**

**Mayurbhanj Bahalda BDO**  
**BDO**  
**Bahalda Block**