

Analysis

**OD/365/3488/120073/387546/00067634 : Repair & Restoration of Bhaludihi AWC building
Block : Bahalda, Gram Panchayat : Gambharia
Created By:MayurbhanjBahaldaBDO**

Item 1
Dismantling (AR1620): 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 Dismantling and removing 2.5 cm thick grading concrete from roof

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
Total Amount (a+b+c)				1039.5	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					77.9625
CONTRACTOR PROFIT @ 7.5% (+)					83.8096875
LABOUR CESS @ 1% (+)					12.012721875
Grand Total					1213.284909375
Say For Unit 1 (Grand Total/9.3)					130.46074294355

Item 2
Concrete (AR0318): 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 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)

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

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.	0.018	1 Cum.	850.2	15.3036	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)	0.018	1 Cum.	1396.62	25.13916	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1287	1 Qntl.	39.055	5.0263785	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	497.35	8.9523	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.	0.018	1 Cum.	562.45	10.1241	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)	0.018	1 Cum.	562.45	10.1241	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1287	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	40.25	0.7245	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.	0.018	1 Cum.	149.5	2.691	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)	0.018	1 Cum.	149.5	2.691	0

Total Amount (a+b+c)	726.9050385
Total GST (a)	14.084928
OVERHEAD CHARGES @ 7.5% (+)	55.5742474875
CONTRACTOR PROFIT @ 7.5% (+)	59.742316049063
LABOUR CESS @ 1% (+)	8.5630653003656
Grand Total	864.86959533693
Say For Unit 1 (Grand Total/1)	864.86959533693

Item 3
Dismantling (AR1612): 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 Dismantling and removing 2.5 cm. thick artificial stone flooring

a) Specific Rate Details

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

Total Amount (a+b+c)					924
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					69.3
CONTRACTOR PROFIT @ 7.5% (+)					74.4975
LABOUR CESS @ 1% (+)					10.677975
Grand Total					1078.475475
Say For Unit 1 (Grand Total/9.3)					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.	562.45	539.952	0
BRM340 : Cement	1.72	1 Qntl.	39.055	67.1746	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	497.35	238.728	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

Total Amount (a+b+c)	4944.9426
Total GST (a)	188.2368
OVERHEAD CHARGES @ 7.5% (+)	384.988455
CONTRACTOR PROFIT @ 7.5% (+)	413.862589125
LABOUR CESS @ 1% (+)	59.32030444125
Grand Total	5991.3507485663
Say For Unit 1 (Grand Total/1)	5991.3507485663

Item 5

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.	608	21.7664	3.917952
BRM028 : 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
BRM340 : Cement	0.0358	1 Qntl.	39.055	1.398169	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	497.35	7.46025	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	40.25	0.60375	0

Total Amount (a+b+c)	166.351319
Total GST (a)	3.917952
OVERHEAD CHARGES @ 7.5% (+)	12.770195325
CONTRACTOR PROFIT @ 7.5% (+)	13.727959974375
LABOUR CESS @ 1% (+)	1.9676742629938
Grand Total	198.73510056237
Say For Unit 1 (Grand Total/1)	198.73510056237

Item 6

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
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.	608	26.144	4.70592
BRM028 : 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
BRM340 : Cement	0.043	1 Qntl.	39.055	1.679365	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	497.35	8.9523	0

c) Royalty Rate Details

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

Total Amount (a+b+c)

239.503465

Total GST (a)

4.70592

OVERHEAD CHARGES @ 7.5% (+)

18.315703875

CONTRACTOR PROFIT @ 7.5% (+)

19.689381665625

LABOUR CESS @ 1% (+)

2.8221447054063

Grand Total

285.03661524603

Say For Unit 1 (Grand Total/1)

285.03661524603

Item 7

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
BRM140 : Plastic Emulsion paint	1.25	1 Litre	249.34	311.675	0
LR048 : Painter/ Polisher	0.54	Per day	612	330.48	0
LR001 : Male mulia	0.64	Per day	462	295.68	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0.39055	0.4881875	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0	0	0

Total Amount (a+b+c)	938.3231875				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	70.3742390625				
CONTRACTOR PROFIT @ 7.5% (+)	75.652306992188				
LABOUR CESS @ 1% (+)	10.843497335547				
Grand Total	1095.1932308902				
Say For Unit 1 (Grand Total/10)	109.51932308902				

Item 8

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
Combine :: Painting (AR0918f)					
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
Combine :: Painting (AR0901di)					
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
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BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0.39055	0.04881875	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.39055	0.035275483870968	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)	159.15477971774
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	11.936608478831
CONTRACTOR PROFIT @ 7.5% (+)	12.831854114743
LABOUR CESS @ 1% (+)	1.8392324231132
Grand Total	185.76247473443
Say For Unit 1 (Grand Total/1)	185.76247473443

Item 9

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	0.39055	0.454014375	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0	0	0

Total Amount (a+b+c)	1512.361764375
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	113.42713232813
CONTRACTOR PROFIT @ 7.5% (+)	121.93416725273

LABOUR CESS @ 1% (+)	17.477230639559
Grand Total	1765.2002945954
Say For Unit 1 (Grand Total/9.3)	189.80648328983

Item 10

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.	608	652.992	117.53856
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	66.85	14.0385	0
BRM131 : 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
LR001 : Male mulia	2.16	Per day	462	997.92	0
LR044 : Mason	2.16	Per day	612	1321.92	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	39.055	2.96818	0
BRM340 : Cement	1.074	1 Qntl.	39.055	41.94507	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	497.35	104.4435	0
BRM131 : 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.	13.5284447	135.284447	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	0	0	0
BRM340 : Cement	1.074	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	40.25	8.4525	0

BRM131 : 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
Total Amount (a+b+c)	9944.069877				
Total GST (a)	117.53856				
OVERHEAD CHARGES @ 7.5% (+)	754.620632775				
CONTRACTOR PROFIT @ 7.5% (+)	811.21718023312				
LABOUR CESS @ 1% (+)	116.27446250008				
Grand Total	11743.720712508				
Say For Unit 1 (Grand Total/10)	1174.3720712508				

Item 11

Flooring (AR0817ac): Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm 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 industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm in dados skirting and risers of steps on 12mm thick cement plaster (1:3)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM133 : Tiles up to Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm	10	1 Sqm.	578.35	5783.5	0
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
LR044 : Mason	3.25	Per day	612	1989	0
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR008 : Sangi mulia	7.6	Per day	512	3891.2	0
BRM340 : Cement	1.375	1 Qntl.	608	836	150.48
BRM028 : 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
BRM133 : Tiles up to Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm	10	1 Sqm.	13.5284447	135.284447	0
BRM340 : Cement	1.375	1 Qntl.	39.055	53.700625	0

BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	497.35	74.6025	0
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c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM133 : Tiles up to Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm	10	1 Sqm.	0	0	0
BRM340 : Cement	1.375	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	40.25	6.0375	0

Total Amount (a+b+c)	14365.852572
Total GST (a)	150.48
OVERHEAD CHARGES @ 7.5% (+)	1088.7249429
CONTRACTOR PROFIT @ 7.5% (+)	1170.3793136175
LABOUR CESS @ 1% (+)	167.75436828518
Grand Total	16943.191196803
Say For Unit 1 (Grand Total/10)	1694.3191196803

PRAFULLA KUMAR BED
JE
Bahalda Block

MADAN MOHAN NAIK
AEE
Bahalda Block

Mayurbhanj Bahalda BDO
BDO
Bahalda Block