

Analysis

OD/365/3487/120060/390399/00063634 : REPAIR AND MAINTENANCE OF SORISAKOTHA
AWC-1

Block : Badasahi, Gram Panchayat : Salgaon
Created By: BANAJA DAS

Item 1

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

Total Amount (a+b+c)

462

Total GST (a)

0

OVERHEAD CHARGES @ 7.5% (+)

34.65

CONTRACTOR PROFIT @ 7.5% (+)

37.24875

LABOUR CESS @ 1% (+)

5.3389875

Grand Total

539.2377375

Say For Unit 1 (Grand Total/9.3)

57.982552419355

Item 2

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 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 (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.	608	73.4464	13.220352
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	66.85	1.129765	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
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BRM340 : Cement	0.1208	1 Qntl.	48.567	5.8668936	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.	999.91	16.898479	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	789.25	13.338325	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.	551.5	9.32035	0

Total Amount (a+b+c)	370.9539216
Total GST (a)	13.220352
OVERHEAD CHARGES @ 7.5% (+)	28.81307052
CONTRACTOR PROFIT @ 7.5% (+)	30.974050809
LABOUR CESS @ 1% (+)	4.43961394929
Grand Total	448.40100887829
Say For Unit 1 (Grand Total/1)	448.40100887829

Item 5

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.	48.567	2.088381	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	666.61	11.99898	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	829.5	14.931	0

Total Amount (a+b+c)	257.165661
Total GST (a)	4.70592
OVERHEAD CHARGES @ 7.5% (+)	19.640368575
CONTRACTOR PROFIT @ 7.5% (+)	21.113396218125
LABOUR CESS @ 1% (+)	3.0262534579312
Grand Total	305.65159925106
Say For Unit 1 (Grand Total/1)	305.65159925106

Item 6

Flooring (AR0817aak): 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(For repair and maintenance).

Sub-Item of Work

Fixing Vitrified floor 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)(For repair and maintenance) .

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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
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
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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.	11.2375001	112.375001	0
BRM340 : Cement	1.375	1 Qntl.	30.732	42.2565	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	406.21	60.9315	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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
BRM340 : Cement	1.375	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	789.25	118.3875	0

Total Amount (a+b+c)	15157.478001
Total GST (a)	150.48
OVERHEAD CHARGES @ 7.5% (+)	1148.096850075
CONTRACTOR PROFIT @ 7.5% (+)	1234.2041138306
LABOUR CESS @ 1% (+)	176.90258964906
Grand Total	17867.161554555
Say For Unit 1 (Grand Total/10)	1786.7161554555

Item 7

Flooring (AR0817bk): Fixing Ceramic Tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles, including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge(For repair and maintenance) .

Sub-Item of Work

Fixing Ceramic Tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3)(For repair and maintenance)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	10	1 Sqm.	405.2	4052	0
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR044 : Mason	3.25	Per day	612	1989	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
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b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	10	1 Sq.m.	22.6922231	226.922231	0
BRM340 : Cement	1.375	1 Qntl.	48.567	66.779625	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	666.61	99.9915	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	10	1 Sq.m.	0	0	0
BRM340 : Cement	1.375	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	829.5	124.425	0

Total Amount (a+b+c)	8906.645856
Total GST (a)	150.48
OVERHEAD CHARGES @ 7.5% (+)	679.2844392
CONTRACTOR PROFIT @ 7.5% (+)	730.23077214
LABOUR CESS @ 1% (+)	104.6664106734
Grand Total	10571.307478013
Say For Unit 1 (Grand Total/10)	1057.1307478013

Item 8

Painting (AR0901d): 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.

Sub-Item of Work

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

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	0.5	Per day	612	306	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0.48567	0.379405404	0

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)	661.613641404				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	49.6210231053				
CONTRACTOR PROFIT @ 7.5% (+)	53.342599838197				
LABOUR CESS @ 1% (+)	7.645772643475				
Grand Total	772.22303699097				
Say For Unit 1 (Grand Total/9.3)	83.03473516032				

Item 9
Painting (AR0920ak): Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge(Inside)(For repair and maintenance).
Sub-Item of Work Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound Primer on new work (Inside)(For repair and maintenance).

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0920k)					
BRM140 : Plastic Emulsion paint	0.125	1 Litre	249.34	31.1675	0
LR048 : Painter/ Polisher	0.05508	Per day	612	33.70896	0
LR001 : Male mulia	0.06528	Per day	462	30.15936	0
Combine :: Painting (AR0901ck)					
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	125.5	10.542	0
LR048 : Painter/ Polisher	0.054838709677419	Per day	612	33.561290322581	0
LR001 : Male mulia	0.054838709677419	Per day	462	25.335483870968	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	0.125	1 Litre	0.24787	0.03098375	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.24787	0.02082108	0

c) Royalty Rate Details					
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Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	0.125	1 Litre	0	0	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0	0	0

Total Amount (a+b+c)	164.52639902355				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	12.339479926766				
CONTRACTOR PROFIT @ 7.5% (+)	13.264940921274				
LABOUR CESS @ 1% (+)	1.9013081987159				
Grand Total	192.0321280703				
Say For Unit 1 (Grand Total/1)	192.0321280703				

Item 10

Painting (AR0903b): Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work

Painting two coats of enamel paint with a coat of red oxide primer over iron surface

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0901b)					
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
BRM137 : Red oxide Primer	0.054	1 Litre	142.7	7.7058	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0
Combine :: Painting (AR0903)					
LR048 : Painter/ Polisher	0.13440860215054	Per day	612	82.258064516129	0
LR001 : Male mulia	0.11827956989247	Per day	462	54.645161290323	0
BRM141 : Enamel paint	0.125	1 Litre	205.34	25.6675	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.054	1 Litre	0.48567	0.02622618	0
BRM141 : Enamel paint	0.125	1 Litre	0.48567	0.06070875	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.054	1 Litre	0	0	0
BRM141 : Enamel paint	0.125	1 Litre	0	0	0

Total Amount (a+b+c)	228.10539622032				
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Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	17.107904716524
CONTRACTOR PROFIT @ 7.5% (+)	18.390997570264
LABOUR CESS @ 1% (+)	2.6360429850711
Grand Total	266.24034149218
Say For Unit 1 (Grand Total/1)	266.24034149218

Item 11

Plastering (AR1017): 20mm thick cement Plaster in CM (1:4) over stone 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
20mm thick cement Plaster in CM (1:4) 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	0.0744	1 Qntl.	608	45.2352	8.142336
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	66.85	1.40385	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0744	1 Qntl.	48.567	3.6133848	0
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	536.41	11.26461	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0744	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	829.5	17.4195	0

Total Amount (a+b+c)	279.7365448
Total GST (a)	8.142336
OVERHEAD CHARGES @ 7.5% (+)	21.59091606
CONTRACTOR PROFIT @ 7.5% (+)	23.2102347645
LABOUR CESS @ 1% (+)	3.326800316245
Grand Total	336.00683194075
Say For Unit 1 (Grand Total/1)	336.00683194075

SUSHIL KUMAR SING
JE
Badasahi Block

SEETA HANSDAH
AEE
Badasahi Block

BANAJA DAS
BDO
Badasahi Block