

Analysis

OD/355/3389/118125/397918/00016902 : Repair & Maintenance of Bhokanji Pry. School
Block : Jagatsinghpur, Gram Panchayat : Kantilo
Created By:Admin

Item 1
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
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0.24787	0.03098375	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.24787	0.022388258064516	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)	159.12405749194
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	11.934304311895
CONTRACTOR PROFIT @ 7.5% (+)	12.829377135287
LABOUR CESS @ 1% (+)	1.8388773893912
Grand Total	185.72661632851
Say For Unit 1 (Grand Total/1)	185.72661632851

Item 2

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.	579.09	69.954072	12.59173296
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	71.71	1.211899	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.	24.787	2.9942696	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	341.11	5.764759	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.	1321.91	22.340279	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	77.25	1.305525	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.	444.5	7.51205	0

Total Amount (a+b+c)

352.9712336

Total GST (a)

12.59173296

OVERHEAD CHARGES @ 7.5% (+)

27.417222492

CONTRACTOR PROFIT @ 7.5% (+)

29.4735141789

LABOUR CESS @ 1% (+)

4.224537032309

Grand Total

426.67824026321

Say For Unit 1 (Grand Total/1)	426.67824026321
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Item 3

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.	579.09	20.731422	3.73165596
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	71.71	1.07565	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	24.787	0.8873746	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	341.11	5.11665	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	77.25	1.15875	0

Total Amount (a+b+c)	163.0898466
Total GST (a)	3.73165596
OVERHEAD CHARGES @ 7.5% (+)	12.511612692
CONTRACTOR PROFIT @ 7.5% (+)	13.4499836439
LABOUR CESS @ 1% (+)	1.927830988959
Grand Total	194.71092988486
Say For Unit 1 (Grand Total/1)	194.71092988486

Item 4

Masonry Brick Work (AR0603b): Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work
Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0
LR001 : Male mulia	2.82	Per day	462	1302.84	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM340 : Cement	0.672	1 Qntl.	579.09	389.14848	70.0467264
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	71.71	20.0788	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	350	1000 Nos	5.14255	1799.8925	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	24.787	16.656864	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	341.11	95.5108	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	350	1000 Nos	0.8641	302.435	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	77.25	21.63	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	350	1000 Nos	0	0	0

Total Amount (a+b+c)	4817.172444
Total GST (a)	70.0467264
OVERHEAD CHARGES @ 7.5% (+)	366.54143778
CONTRACTOR PROFIT @ 7.5% (+)	394.0320456135
LABOUR CESS @ 1% (+)	56.477926537935
Grand Total	5704.2705803314
Say For Unit 1 (Grand Total/1)	5704.2705803314

Item 5

Iron Work (AR1704): Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sub-Item of Work
Iron Doors and windows fixing

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	6185.59	3142.27972	565.6103496
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	1	Per day	512	512	0
LR028 : Fitter	1	Per day	562	562	0
LR047 : Fitter	1	Per day	612	612	0
LR026 : Black smith	1	Per day	562	562	0
LR046 : Blacksmith	0.75	Per day	612	459	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	24.787	12.591796	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	0	0	0

Total Amount (a+b+c)	7363.371516
Total GST (a)	565.6103496
OVERHEAD CHARGES @ 7.5% (+)	594.67363992
CONTRACTOR PROFIT @ 7.5% (+)	639.274162914
LABOUR CESS @ 1% (+)	91.62929668434
Grand Total	9254.5589651183
Say For Unit 1 (Grand Total/0.508)	18217.635758107

Item 6

Painting (AR0902iak): Painting one coat of enamel paint with a coat of wood primer on new wood work in inner 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.(Out side)(For repair and maintenance)

Sub-Item of Work

Painting one coat of enamel paint with a coat of wood primer on new wood work in inner surface (Out side)(For repair and maintenance) .

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0902ik)					
BRM141 : Enamel paint	0.075	1 Litre	205.34	15.4005	0
LR001 : Male mulia	0.089935483870968	Per day	462	41.550193548387	0
LR048 : Painter/ Polisher	0.082258064516129	Per day	612	50.341935483871	0
Combine :: Painting (AR0901aik)					
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) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	0.075	1 Litre	0.24787	0.01859025	0
BRM138 : Wood Primer	0.075	1 Litre	0.24787	0.01859025	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	0.075	1 Litre	0	0	0
BRM138 : Wood Primer	0.075	1 Litre	0	0	0

Total Amount (a+b+c)

177.85758372581

Total GST (a)

0

OVERHEAD CHARGES @ 7.5% (+)

13.339318779435

CONTRACTOR PROFIT @ 7.5% (+)

14.339767687893

LABOUR CESS @ 1% (+)

2.0553667019314

Grand Total

207.59203689507

Say For Unit 1 (Grand Total/1)

207.59203689507

Item 7

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
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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		

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