

Analysis

**OD/354/3380/117899/411490/00064858 : Repair & Maintenance of AWC Building at
Banthapalli-1 under Banthapalli GP
Block : Polosara, Gram Panchayat : Banthapalli
Created By:SASI BHUSAN MAHAPATRO**

Item 1
Masonry Brick Work (AR0603bi): Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² 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 superstructure

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	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.	568.23	381.85056	68.7331008
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	66.23	18.5444	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 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.	30.732	20.651904	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./Cm ² with dimensional tolerance ± 2 %	350	1000 Nos	1.01135	353.9725	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	40.25	11.27	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
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Total Amount (a+b+c)	4886.512664
Total GST (a)	68.7331008
LABOUR CESS @ 1% (+)	49.552457648
Grand Total	5004.798222448
Say For Unit 1 (Grand Total/1)	5004.798222448

Item 2

Plastering (AR1008): 20mm thick cement Plaster in CM (1:6) for 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 (1:6) 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	0.057	1 Qntl.	568.23	32.38911	5.8300398
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	66.23	1.39083	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.057	1 Qntl.	30.732	1.751724	0
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	341.11	7.16331	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.057	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	40.25	0.84525	0

Total Amount (a+b+c)	244.340224
Total GST (a)	5.8300398
LABOUR CESS @ 1% (+)	2.501702638
Grand Total	252.671966438
Say For Unit 1 (Grand Total/1)	252.671966438

Item 3

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.	568.23	24.43389	4.3981002
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	66.23	1.19214	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	30.732	1.321476	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	341.11	6.13998	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)

234.611986

Total GST (a)

4.3981002

LABOUR CESS @ 1% (+)

2.390100862

Grand Total

241.400187062

Say For Unit 1 (Grand Total/1)

241.400187062

Item 4

Other Building Items. (AR1902): Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.

Sub-Item of Work

cement based wall putty (water based)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0038 : Cement based putty	8	kg	30	240	0

LR001 : Male mulia	0.57	Per day	462	263.34	0
LR025 : Mason	0.5	Per day	562	281	0
Total Amount (a+b+c)				784.34	
Total GST (a)					0
LABOUR CESS @ 1% (+)				7.8434	
Grand Total				792.1834	
Say For Unit 1 (Grand Total/10)				79.21834	

Item 5

Painting (AR0901di): Priming one coat with outer 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 outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.84	1 Ltr	159.03	133.5852	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	0.84	1 Ltr	0.30732	0.2581488	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.84	1 Ltr	0	0	0

Total Amount (a+b+c)				670.8433488	
Total GST (a)					0
LABOUR CESS @ 1% (+)				6.708433488	
Grand Total				677.551782288	
Say For Unit 1 (Grand Total/9.3)				72.855030353548	

Item 6

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	0.30732	0.38415	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)				938.21915	
Total GST (a)					0
LABOUR CESS @ 1% (+)				9.3821915	
Grand Total				947.6013415	
Say For Unit 1 (Grand Total/10)				94.76013415	

Item 7

Painting (AR0918c): 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
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)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0918a)					
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
Combine :: Painting (AR0923b1041)					
LR001 : Male mulia	0.010752688172043	Per day	462	4.9677419354839	0
BRM340 : Cement	0.010763440860215	1 Qntl.	568.23	6.11611	1.1008998
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

Total Amount (a+b+c)	56.229222064516
Total GST (a)	1.1008998
LABOUR CESS @ 1% (+)	0.57330121864516
Grand Total	57.903423083161
Say For Unit 1 (Grand Total/1)	57.903423083161

Item 8
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	0.30732	0.01659528	0
BRM141 : Enamel paint	0.125	1 Litre	0.30732	0.038415	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)			228.07347157032		
Total GST (a)			0		
LABOUR CESS @ 1% (+)			2.2807347157032		
Grand Total			230.35420628603		
Say For Unit 1 (Grand Total/1)			230.35420628603		

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