

Analysis

**OD/358/3416/118761/422336/00071505 : CONSTRUCTION OF INCOMPLETE JAI GURU
MANDAP AT BAHADURPADAR
Block : Kesinga, Gram Panchayat : Patharla
Created By:JANMEJAYA SWAIN**

Item 1
Masonry Brick Work (AR0603ci): Brickwork with Flyash Bricks of size (23cm x 11cm 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
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	400	1000 Nos	4.32	1728	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.	577.5	388.08	69.8544
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	76.88	21.5264	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	400	1000 Nos	0.8091	323.64	0
BRM340 : Cement	0.672	1 Qntl.	29.543	19.852896	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	276.01	77.2828	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	400	1000 Nos	0	0	0
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	42.25	11.83	0

Total Amount (a+b+c)	4775.032096
Total GST (a)	69.8544
OVERHEAD CHARGES @ 7.5% (+)	363.3664872
CONTRACTOR PROFIT @ 7.5% (+)	390.61897374
LABOUR CESS @ 1% (+)	55.9887195694
Grand Total	5654.8606765094
Say For Unit 1 (Grand Total/1)	5654.8606765094

Item 2

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.	577.5	20.6745	3.72141
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	76.88	1.1532	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	29.543	1.0576394	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	276.01	4.14015	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	42.25	0.63375	0

Total Amount (a+b+c)	161.7792394
Total GST (a)	3.72141
OVERHEAD CHARGES @ 7.5% (+)	12.412548705
CONTRACTOR PROFIT @ 7.5% (+)	13.343489857875
LABOUR CESS @ 1% (+)	1.9125668796287
Grand Total	193.1692548425
Say For Unit 1 (Grand Total/1)	193.1692548425

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.	577.5	24.8325	4.46985
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	76.88	1.38384	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	29.543	1.270349	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	276.01	4.96818	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	42.25	0.7605	0

Total Amount (a+b+c)

234.015369

Total GST (a)

4.46985

OVERHEAD CHARGES @ 7.5% (+)

17.886391425

CONTRACTOR PROFIT @ 7.5% (+)

19.227870781875

LABOUR CESS @ 1% (+)

2.7559948120688

Grand Total

278.35547601894

Say For Unit 1 (Grand Total/1)

278.35547601894

Item 4

Flooring (AR0802i): 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

Sub-Item of Work

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.14	Per day	462	64.68	0
LR002 : Female mulia	0.22	Per day	462	101.64	0
LR044 : Mason	0.13	Per day	612	79.56	0
BRM340 : Cement	0.0858	1 Qntl.	577.5	49.5495	8.91891
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	76.88	0.92256	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)	0.023	1 Cum.	1396.62	32.12226	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0858	1 Qntl.	29.543	2.5347894	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	276.01	3.31212	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)	0.023	1 Cum.	523.39	12.03797	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0858	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	42.25	0.507	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)	0.023	1 Cum.	159.5	3.6685	0

Total Amount (a+b+c)	350.5346994
Total GST (a)	8.91891
OVERHEAD CHARGES @ 7.5% (+)	26.959020705
CONTRACTOR PROFIT @ 7.5% (+)	28.980947257875
LABOUR CESS @ 1% (+)	4.1539357736287
Grand Total	419.5475131365
Say For Unit 1 (Grand Total/1)	419.5475131365

Item 5

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	0.29543	0.230789916	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)	661.465025916				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	49.6098769437				
CONTRACTOR PROFIT @ 7.5% (+)	53.330617714478				
LABOUR CESS @ 1% (+)	7.6440552057418				
Grand Total	772.04957577992				
Say For Unit 1 (Grand Total/9.3)	83.016083417196				

Item 6

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	0.29543	0.2481612	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)	670.8333612				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	50.31250209				
CONTRACTOR PROFIT @ 7.5% (+)	54.08593974675				
LABOUR CESS @ 1% (+)	7.7523180303675				
Grand Total	782.98412106712				
Say For Unit 1 (Grand Total/9.3)	84.191840974959				

Item 7

Painting (AR0918f): Finishing wall with two coat weather coat paint of approved shade in the outer surface of old 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 weather coat paint of approved shade in the outer surface of old work(Outside)

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	189.5	236.875	0
LR001 : Male mulia	0.64	Per day	462	295.68	0
LR048 : Painter/ Polisher	0.54	Per day	612	330.48	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	0.29543	0.3692875	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	0	0	0

Total Amount (a+b+c)	863.4042875				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	64.7553215625				
CONTRACTOR PROFIT @ 7.5% (+)	69.611970679688				

LABOUR CESS @ 1% (+)	9.9777157974219
Grand Total	1007.7492955396
Say For Unit 1 (Grand Total/10)	100.77492955396

Item 8

Painting (AR0922): Finishing wall two coats with distemper 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 distemper of approved shades on new work (Inside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.52	Per day	612	318.24	0
BRM142 : Distemper	2.5	1 Kg.	70.1	175.25	0
LR001 : Male mulia	0.62	Per day	462	286.44	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0.29543	0.738575	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0	0	0

Total Amount (a+b+c)	780.668575
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	58.550143125
CONTRACTOR PROFIT @ 7.5% (+)	62.941403859375
LABOUR CESS @ 1% (+)	9.0216012198438
Grand Total	911.18172320422
Say For Unit 1 (Grand Total/10)	91.118172320422

Item 9

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
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BRM341 : Steel	0.508	1 Qntl.	6175.4	3137.1032	564.678576
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.	29.543	15.007844	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)	7360.611044
Total GST (a)	564.678576
OVERHEAD CHARGES @ 7.5% (+)	594.3967215
CONTRACTOR PROFIT @ 7.5% (+)	638.9764756125
LABOUR CESS @ 1% (+)	91.586628171125
Grand Total	9250.2494452836
Say For Unit 1 (Grand Total/0.508)	18209.152451346

STHITI PRAGYAN MALLA
JE
Kesinga Block

ANANDA KUMAR MANDAL
AEE
Kesinga Block

JANMEJAYA SWAIN
BDO
Kesinga Block