

Analysis

**OD/373/3588/121759/383813/00013658 : Repair & Maintenance of Kandhamal Pry.School
Block : Sundargarh, Gram Panchayat : Karla
Created By:Fabi Rasheed**

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	4.55488	1821.952	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.	530.51	356.50272	64.1704896
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.	54.512	36.632064	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	601.51	168.4228	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	410.25	114.87	0

Total Amount (a+b+c)	5048.365984
Total GST (a)	64.1704896
OVERHEAD CHARGES @ 7.5% (+)	383.44023552
CONTRACTOR PROFIT @ 7.5% (+)	412.198253184
LABOUR CESS @ 1% (+)	59.08174962304
Grand Total	5967.256711927
Say For Unit 1 (Grand Total/1)	5967.256711927

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.	530.51	18.992258	3.41860644
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.	54.512	1.9515296	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	601.51	9.02265	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	410.25	6.15375	0

Total Amount (a+b+c)	171.3933876
Total GST (a)	3.41860644
OVERHEAD CHARGES @ 7.5% (+)	13.110899553
CONTRACTOR PROFIT @ 7.5% (+)	14.094217019475
LABOUR CESS @ 1% (+)	2.0201711061247
Grand Total	204.0372817186
Say For Unit 1 (Grand Total/1)	204.0372817186

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.	530.51	22.81193	4.1061474
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.	54.512	2.344016	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	601.51	10.82718	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	410.25	7.3845	0

Total Amount (a+b+c)

245.551466

Total GST (a)

4.1061474

OVERHEAD CHARGES @ 7.5% (+)

18.724321005

CONTRACTOR PROFIT @ 7.5% (+)

20.128645080375

LABOUR CESS @ 1% (+)

2.8851057948537

Grand Total

291.39568528023

Say For Unit 1 (Grand Total/1)

291.39568528023

Item 4

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	0.54512	0.425847744	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)	661.660083744				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	49.6245062808				
CONTRACTOR PROFIT @ 7.5% (+)	53.34634425186				
LABOUR CESS @ 1% (+)	7.6463093427666				
Grand Total	772.27724361943				
Say For Unit 1 (Grand Total/9.3)	83.040563830046				

Item 5

Earth Work (AR0102aa): Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge

Sub-Item of Work

Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	25.8	Per day	462	11919.6	0
LR001 : Male mulia	25.8	Per day	462	11919.6	0

Total Amount (a+b+c)	23839.2				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	1787.94				
CONTRACTOR PROFIT @ 7.5% (+)	1922.0355				
LABOUR CESS @ 1% (+)	275.491755				
Grand Total	27824.667255				

Say For Unit 1 (Grand Total/100)	278.24667255
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Item 6

Earth Work (AR0115): Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work
Filling foundation and plinth with sand well watered and rammed

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	71.94	7194	0
LR002 : Female mulia	12.36	Per day	462	5710.32	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	601.51	60151	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	410.25	41025	0

Total Amount (a+b+c)	114080.32
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	8556.024
CONTRACTOR PROFIT @ 7.5% (+)	9197.7258
LABOUR CESS @ 1% (+)	1318.340698
Grand Total	133152.410498
Say For Unit 1 (Grand Total/100)	1331.52410498

Item 7

Concrete (AR0303): Cement concrete (1:3:6) 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 (1:3:6) with 4 cm. Crusher Broken hard granite metal

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0

LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	530.51	1214.8679	218.676222
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	54.512	124.83248	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	601.51	288.7248	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	1183.91	1136.5536	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	410.25	196.92	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	341	327.36	0

Total Amount (a+b+c)	6184.56118
Total GST (a)	218.676222
OVERHEAD CHARGES @ 7.5% (+)	480.24280515
CONTRACTOR PROFIT @ 7.5% (+)	516.26101553625
LABOUR CESS @ 1% (+)	73.997412226862
Grand Total	7473.7386349131
Say For Unit 1 (Grand Total/1)	7473.7386349131

Item 8

Masonry Brick Work (AR0603c): Brickwork with Flyash Bricks of size (23cm x 11cm 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 (23cm x 11cm 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
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	4.55488	1821.952	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.	530.51	356.50272	64.1704896
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./Cm2 with dimensional tolerance $\pm 2\%$	400	1000 Nos	0.8091	323.64	0
BRM340 : Cement	0.672	1 Qntl.	54.512	36.632064	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	601.51	168.4228	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./Cm2 with dimensional tolerance $\pm 2\%$	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	410.25	114.87	0

Total Amount (a+b+c)	5015.365984
Total GST (a)	64.1704896
OVERHEAD CHARGES @ 7.5% (+)	380.96523552
CONTRACTOR PROFIT @ 7.5% (+)	409.537628184
LABOUR CESS @ 1% (+)	58.70039337304
Grand Total	5928.739730677
Say For Unit 1 (Grand Total/1)	5928.739730677

Item 9

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.	0.54512	1.3628	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)	781.2928				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	58.59696				
CONTRACTOR PROFIT @ 7.5% (+)	62.991732				
LABOUR CESS @ 1% (+)	9.02881492				
Grand Total	911.91030692				
Say For Unit 1 (Grand Total/10)	91.191030692				

Item 10

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	0.54512	0.633702	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)	1512.541452				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	113.4406089				
CONTRACTOR PROFIT @ 7.5% (+)	121.9486545675				
LABOUR CESS @ 1% (+)	17.479307154675				

Grand Total	1765.4100226222
Say For Unit 1 (Grand Total/9.3)	189.82903469056

Item 11

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.	530.51	45.517758	8.19319644
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.	54.512	4.6771296	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	601.51	7.21812	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.	1183.91	27.22993	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	410.25	4.923	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.	341	7.843	0

Total Amount (a+b+c)

376.3337576

Total GST (a)	8.19319644
OVERHEAD CHARGES @ 7.5% (+)	28.839521553
CONTRACTOR PROFIT @ 7.5% (+)	31.002485669475
LABOUR CESS @ 1% (+)	4.4436896126247
Grand Total	448.8126508751
Say For Unit 1 (Grand Total/1)	448.8126508751

Item 12

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	194.79	243.4875	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	0.54512	0.6814	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)	870.3289
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	65.2746675
CONTRACTOR PROFIT @ 7.5% (+)	70.1702675625
LABOUR CESS @ 1% (+)	10.057738350625
Grand Total	1015.8315734131
Say For Unit 1 (Grand Total/10)	101.58315734131

**Puspanjali Bilung
JE
Sundargarh Block**

**Shalini Singh
AEE
Sundargarh Block**

**Fabi Rasheed
BDO
Sundargarh Block**