

Analysis

OD/360/3441/119214/395612/00065704 : Repair and Restoration of Ektala UP school
Block : Rajkanika, Gram Panchayat : Jagulaipada
Created By:KAILASH CHANDRA MAHALIK

Item 1					
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/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 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.	559.18	375.76896	67.6384128
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	71.81	20.1068	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	5.0175	1756.125	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	536.41	150.1948	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	1.60035	560.1225	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	235.25	65.87	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	0	0	0
Total Amount (a+b+c)				5116.664924	

Total GST (a)	67.6384128
OVERHEAD CHARGES @ 7.5% (+)	388.82275026
CONTRACTOR PROFIT @ 7.5% (+)	417.9844565295
LABOUR CESS @ 1% (+)	59.911105435895
Grand Total	6051.0216490254
Say For Unit 1 (Grand Total/1)	6051.0216490254

Item 2

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	64.18	6418	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	536.41	53641	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	40.25	4025	0

Total Amount (a+b+c)	69794.32
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	5234.574
CONTRACTOR PROFIT @ 7.5% (+)	5627.16705
LABOUR CESS @ 1% (+)	806.5606105
Grand Total	81462.6216605
Say For Unit 1 (Grand Total/100)	814.626216605

Item 3

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.	559.18	1280.5222	230.493996
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	71.81	34.4688	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	934.84	897.4464	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	24.787	56.76223	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	536.41	257.4768	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	1321.91	1269.0336	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	235.25	112.92	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	149.5	143.52	0

Total Amount (a+b+c)	5955.11003				
Total GST (a)	230.493996				
OVERHEAD CHARGES @ 7.5% (+)	463.92030195				
CONTRACTOR PROFIT @ 7.5% (+)	498.71432459625				
LABOUR CESS @ 1% (+)	71.482386525463				
Grand Total	7219.7210390717				
Say For Unit 1 (Grand Total/1)	7219.7210390717				

Item 4
Concrete (AR0307): Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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 specifaion and direction of Engineer-in charge.
Sub-Item of Work Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.4	Per day	462	646.8	0

LR001 : Male mulia	3.2	Per day	462	1478.4	0
LR025 : Mason	0.68	Per day	562	382.16	0
BRM340 : Cement	3.23	1 Qntl.	559.18	1806.1514	325.107252
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	71.81	32.3145	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)	0.9	1 Cum.	1378.22	1240.398	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	24.787	80.06201	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	536.41	241.3845	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)	0.9	1 Cum.	1321.91	1189.719	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	235.25	105.8625	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)	0.9	1 Cum.	149.5	134.55	0

Total Amount (a+b+c)	7337.80191
Total GST (a)	325.107252
OVERHEAD CHARGES @ 7.5% (+)	574.71818715
CONTRACTOR PROFIT @ 7.5% (+)	617.82205118625
LABOUR CESS @ 1% (+)	88.554494003362
Grand Total	8944.0038943396
Say For Unit 1 (Grand Total/1)	8944.0038943396

Item 5

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.	559.18	20.018644	3.60335592
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	71.81	1.07715	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	536.41	8.04615	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	235.25	3.52875	0

Total Amount (a+b+c)	167.6780686
Total GST (a)	3.60335592
OVERHEAD CHARGES @ 7.5% (+)	12.846106839
CONTRACTOR PROFIT @ 7.5% (+)	13.809564851925
LABOUR CESS @ 1% (+)	1.9793709621092
Grand Total	199.91646717303
Say For Unit 1 (Grand Total/1)	199.91646717303

Item 6
Painting (AR0901a): Priming one coat in inner surface with primer of approved quality over woodwork 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 in inner surface with primer of approved quality over woodwork

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
BRM138 : Wood Primer	0.6975	1 Litre	150.71	105.120225	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST

BRM138 : Wood Primer	0.6975	1 Litre	0.24787	0.172889325	0
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c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM138 : Wood Primer	0.6975	1 Litre	0	0	0

Total Amount (a+b+c)	642.293114325
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	48.171983574375
CONTRACTOR PROFIT @ 7.5% (+)	51.784882342453
LABOUR CESS @ 1% (+)	7.4224998024183
Grand Total	749.67248004425
Say For Unit 1 (Grand Total/9.3)	80.609944090779

Item 7
Painting (AR0918Ai): Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.
Sub-Item of Work Finishing wall one coat with weather coat

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.75	1 Ltr	191.35	143.5125	0
LR001 : Male mulia	0.43	Per day	462	198.66	0
LR048 : Painter/ Polisher	0.36	Per day	612	220.32	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.75	1 Ltr	0.24787	0.1859025	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.75	1 Ltr	0	0	0

Total Amount (a+b+c)	562.6784025
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	42.2008801875
CONTRACTOR PROFIT @ 7.5% (+)	45.365946201563
LABOUR CESS @ 1% (+)	6.5024522888906
Grand Total	656.74768117795

Say For Unit 1 (Grand Total/10)	65.674768117795
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Item 8
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.	6331	3216.148	578.90664
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.	30.732	15.611856	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)	7440.259856
Total GST (a)	578.90664
OVERHEAD CHARGES @ 7.5% (+)	601.4374872
CONTRACTOR PROFIT @ 7.5% (+)	646.54529874
LABOUR CESS @ 1% (+)	92.6714928194
Grand Total	9359.8207747594
Say For Unit 1 (Grand Total/0.508)	18424.844044802

NIHAR RANJAN PARIDA JE Rajkanika Block	SUDHANSU SEKHAR PATRA AEE Rajkanika Block	KAILASH CHANDRA MAHALIK BDO Rajkanika Block
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