

Analysis

**OD/371/3559/121309/381741/00014294 : Construction of Bathing Step at Pandripali Katepada
Bandha
Block : Dhankauda, Panchayat : Talab
Created By:ANIL KUMAR KULLU**

Item 1

Earth Work (AR0122Ai1): Earthwork in all kinds of soil within 50m to 75m 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 direction of the Engineer-in-charge.

Sub-Item of Work

Earthwork in all kinds of soil within 50m to 75m 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

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Earth Work (AR0122Ai)					
LR002 : Female mulia	23.6767	Per day	452	10701.8684	0
LR001 : Male mulia	23.6767	Per day	452	10701.8684	0
Combine :: Earth Work (AR0107)					
LR001 : Male mulia	3	Per day	452	1356	0
Total Amount (a+b+c)				22759.7368	
Total GST (a)					0
LABOUR CESS @ 1% (+)				227.597368	
Grand Total				22987.334168	
Say For Unit 1 (Grand Total/100)				229.87334168	

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	70	7000	0

LR002 : Female mulia	12.36	Per day	452	5586.72	0
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b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	861.91	86191	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	79.25	7925	0

Total Amount (a+b+c)				106702.72	
Total GST (a)					0
LABOUR CESS @ 1% (+)				1067.0272	
Grand Total				107769.7472	
Say For Unit 1 (Grand Total/100)				1077.697472	

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	552	99.36	0
LR002 : Female mulia	1.4	Per day	452	632.8	0
LR001 : Male mulia	2.5	Per day	452	1130	0
BRM340 : Cement	2.29	1 Qntl.	538	1232.02	344.9656
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.	950	912	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	42.622	97.60438	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	471.31	226.2288	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	471.31	452.4576	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	79.25	38.04	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	288.5	276.96	0

Total Amount (a+b+c)	5134.37318				
Total GST (a)	344.9656				
LABOUR CESS @ 1% (+)	54.7933878				
Grand Total	5534.1321678				
Say For Unit 1 (Grand Total/1)	5534.1321678				

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 and as per 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	452	632.8	0
LR001 : Male mulia	3.2	Per day	452	1446.4	0
LR025 : Mason	0.68	Per day	552	375.36	0
BRM340 : Cement	3.23	1 Qntl.	538	1737.74	486.5672
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	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.	1396.62	1256.958	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	42.622	137.66906	0

BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	471.31	212.0895	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.	471.31	424.179	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	79.25	35.6625	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.	288.5	259.65	0

Total Amount (a+b+c)	6553.10406
Total GST (a)	486.5672
LABOUR CESS @ 1% (+)	70.3967126
Grand Total	7110.0679726
Say For Unit 1 (Grand Total/1)	7110.0679726

Item 5

R.C.C. Work (AR0410c): Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

Sub-Item of Work

R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	58374.79	1558.606893	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	1.26	1Mtr.	30.81	38.8206	0
LR008 : Sangi mulia	0.5	Per day	502	251	0
LR027 : Carpenter	0.5	Per day	552	276	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	245.856	6.5643552	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	245.856	1.50955584	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	0	0	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	0	0	0

Total Amount (a+b+c)	2132.50140404
Total GST (a)	0
LABOUR CESS @ 1% (+)	21.3250140404
Grand Total	2153.8264180804
Say For Unit 1 (Grand Total/10)	215.38264180804

Item 6

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 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
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 $\pm 2\%$	400	1000 Nos	4.55488	1821.952	0
LR001 : Male mulia	2.82	Per day	452	1274.64	0
LR025 : Mason	1.05	Per day	552	579.6	0
LR044 : Mason	0.35	Per day	602	210.7	0
BRM340 : Cement	0.672	1 Qntl.	538	361.536	101.23008
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
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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 ± 2 %	400	1000 Nos	0.92692	370.768	0
BRM340 : Cement	0.672	1 Qntl.	42.622	28.641984	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	471.31	131.9668	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 ± 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	79.25	22.19	0

Total Amount (a+b+c)	4823.521184
Total GST (a)	101.23008
LABOUR CESS @ 1% (+)	49.24751264
Grand Total	4973.99877664
Say For Unit 1 (Grand Total/1)	4973.99877664

Item 7

Plastering (AR1004i): 12mm thick cement plaster (1:6) over Brick work in outside 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 outside.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.05	Per day	452	22.6	0
LR001 : Male mulia	0.07	Per day	452	31.64	0
LR025 : Mason	0.14	Per day	552	77.28	0
BRM340 : Cement	0.0358	1 Qntl.	538	19.2604	5.392912
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.	42.622	1.5258676	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	471.31	7.06965	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	79.25	1.18875	0
Total Amount (a+b+c)				161.7178676	
Total GST (a)				5.392912	
LABOUR CESS @ 1% (+)				1.671107796	
Grand Total				168.781887396	
Say For Unit 1 (Grand Total/1)				168.781887396	

Item 8
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	452	49.72	0
LR001 : Male mulia	0.13	Per day	452	58.76	0
LR025 : Mason	0.16	Per day	552	88.32	0
BRM340 : Cement	0.043	1 Qntl.	538	23.134	6.47752
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.	42.622	1.832746	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	471.31	8.48358	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	79.25	1.4265	0
Total Amount (a+b+c)				233.060666	
Total GST (a)				6.47752	

LABOUR CESS @ 1% (+)	2.39538186
Grand Total	241.93356786
Say For Unit 1 (Grand Total/1)	241.93356786

Item 9

Painting (AR0918a): Finishing wall with two coat water proofing cement paint of approved shade in the outer surface of new work to give an even shade 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
First Floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0918)					
LR001 : Male mulia	0.3296	Per day	452	148.9792	0
LR048 : Painter/ Polisher	0.2266	Per day	602	136.4132	0
BRM143 : Cement paint	2.5	1 Kg.	47.83	119.575	21.5235
Combine :: Painting (AR0901c)					
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.7812	1 Ltr	125.5	98.0406	0
LR048 : Painter/ Polisher	0.515	Per day	602	310.03	0
LR001 : Male mulia	0.515	Per day	452	232.78	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM143 : Cement paint	2.5	1 Kg.	0.42622	1.06555	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM143 : Cement paint	2.5	1 Kg.	0	0	0

Total Amount (a+b+c)	1046.88355
Total GST (a)	21.5235
LABOUR CESS @ 1% (+)	10.6840705
Grand Total	1079.0911205
Say For Unit 1 (Grand Total/10)	107.90911205

ASHRITA TOPNO
JE
Dhankauda Block

BIJAYALAXMI HEMBRAM
AEE
Dhankauda Block

ANIL KUMAR KULLU
BDO
Dhankauda Block