

Analysis

OD/358/3417/118781/424041/00070051 : Majhiguda from Duan Punji Ghar to Chari chhak
Drain

Block : Kokasara, Gram Panchayat : Majhiguda
Created By:Dr Himanchal Majhi

Item 1

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

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	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	406.21	40621	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	44	4400	0

Total Amount (a+b+c)	57925.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	4344.399				
CONTRACTOR PROFIT @ 7.5% (+)	4670.228925				
LABOUR CESS @ 1% (+)	669.39947925				
Grand Total	67609.34740425				
Say For Unit 1 (Grand Total/100)	676.0934740425				

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.	577.5	1322.475	238.0455
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.	30.732	70.37628	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	406.21	194.9808	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	44	21.12	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	158	151.68	0

Total Amount (a+b+c)	5108.39208
Total GST (a)	238.0455
OVERHEAD CHARGES @ 7.5% (+)	400.9828185
CONTRACTOR PROFIT @ 7.5% (+)	431.0565298875
LABOUR CESS @ 1% (+)	61.784769283875
Grand Total	6240.2616976714
Say For Unit 1 (Grand Total/1)	6240.2616976714

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 specifaicaion and direction of Engineer-in charge.

Sub-Item of Work
First floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.61	Per day	462	743.82	0
LR001 : Male mulia	3.68	Per day	462	1700.16	0
LR025 : Mason	0.782	Per day	562	439.484	0
BRM340 : Cement	3.23	1 Qntl.	577.5	1865.325	335.7585
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.	30.732	99.26436	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	406.21	182.7945	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	44	19.8	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.	158	142.2	0

Total Amount (a+b+c)	6908.58086
Total GST (a)	335.7585
OVERHEAD CHARGES @ 7.5% (+)	543.325452
CONTRACTOR PROFIT @ 7.5% (+)	584.0748609
LABOUR CESS @ 1% (+)	83.717396729
Grand Total	8455.457069629
Say For Unit 1 (Grand Total/1)	8455.457069629

Item 5

R.C.C. Work (AR0410c): Rigid and smooth centring 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	512	256	0
LR027 : Carpenter	0.5	Per day	562	281	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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)	2142.50140404
Total GST (a)	0

OVERHEAD CHARGES @ 7.5% (+)	160.687605303
CONTRACTOR PROFIT @ 7.5% (+)	172.73917570073
LABOUR CESS @ 1% (+)	24.759281850437
Grand Total	2500.6874668942
Say For Unit 1 (Grand Total/10)	250.06874668942

Item 6

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.	30.732	1.1002056	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	406.21	6.09315	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	44	0.66	0

Total Amount (a+b+c)	163.8010556
Total GST (a)	3.72141
OVERHEAD CHARGES @ 7.5% (+)	12.56418492
CONTRACTOR PROFIT @ 7.5% (+)	13.506498789
LABOUR CESS @ 1% (+)	1.93593149309
Grand Total	195.52908080209
Say For Unit 1 (Grand Total/1)	195.52908080209

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