

Analysis

OD/364/3481/119953/430532/00126257 : CONST OF CC DRAIN AT SEMILIGUDA VILLAGE
Block : Khairaput, Gram Panchayat : Kadamguda
Created By:ARPITA MOHANTY

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	472	12177.6	0
LR001 : Male mulia	25.8	Per day	472	12177.6	0
Total Amount (a+b+c)				24355.2	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					1826.64
CONTRACTOR PROFIT @ 7.5% (+)					1963.638
LABOUR CESS @ 1% (+)					281.45478
Grand Total					28426.93278
Say For Unit 1 (Grand Total/100)					284.2693278

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	472	5833.92	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	471.31	47131	0

c) Royalty Rate Details					

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	43.75	4375	0
Total Amount (a+b+c)				64533.92	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)				4840.044	
CONTRACTOR PROFIT @ 7.5% (+)				5203.0473	
LABOUR CESS @ 1% (+)				745.770113	
Grand Total				75322.781413	
Say For Unit 1 (Grand Total/100)				753.22781413	

Item 3

Concrete (AR0303a): Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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. hard granite(Hand Broken) metal

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.4	Per day	472	660.8	0
LR001 : Male mulia	2.5	Per day	472	1180	0
LR025 : Mason	0.18	Per day	572	102.96	0
BRM340 : Cement	2.29	1 Qntl.	537.3	1230.417	221.47506
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	787.36	755.8656	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	36.677	83.99033	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	471.31	226.2288	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	406.21	389.9616	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	43.75	21	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	299.5	287.52	0

Total Amount (a+b+c)				4975.64573	
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Total GST (a)	221.47506
OVERHEAD CHARGES @ 7.5% (+)	389.78405925
CONTRACTOR PROFIT @ 7.5% (+)	419.01786369375
LABOUR CESS @ 1% (+)	60.059227129437
Grand Total	6065.9819400732
Say For Unit 1 (Grand Total/1)	6065.9819400732

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	472	660.8	0
LR001 : Male mulia	3.2	Per day	472	1510.4	0
LR025 : Mason	0.68	Per day	572	388.96	0
BRM340 : Cement	3.23	1 Qntl.	537.3	1735.479	312.38622
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.	36.677	118.46671	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.	953.91	858.519	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	43.75	19.6875	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.	269.5	242.55	0

Total Amount (a+b+c)	7038.50571				
Total GST (a)	312.38622				
OVERHEAD CHARGES @ 7.5% (+)	551.31689475				
CONTRACTOR PROFIT @ 7.5% (+)	592.66566185625				
LABOUR CESS @ 1% (+)	84.948744866062				
Grand Total	8579.8232314723				
Say For Unit 1 (Grand Total/1)	8579.8232314723				

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	522	261	0
LR027 : Carpenter	0.5	Per day	572	286	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	293.416	7.8342072	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	293.416	1.80157424	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)	2154.06327444				
Total GST (a)	0				

OVERHEAD CHARGES @ 7.5% (+)	161.554745583
CONTRACTOR PROFIT @ 7.5% (+)	173.67135150173
LABOUR CESS @ 1% (+)	24.892893715247
Grand Total	2514.18226524
Say For Unit 1 (Grand Total/10)	251.418226524

Item 6

R.C.C. Work (AR0402): Reinforced cement concrete (1:1.5:3) work with 12mm size black hard crusher broken granite 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. (To be used for minor repair work only)

Sub-Item of Work

Reinforced cement concrete (1:11/2:3) work with 12mm size black hard crusher broken granite chips including hoisting and laying in position compacting(To be used for minor repair work only)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	4.29	1 Qntl.	537.3	2305.017	414.90306
LR002 : Female mulia	1.4	Per day	472	660.8	0
LR001 : Male mulia	3.2	Per day	472	1510.4	0
LR025 : Mason	0.68	Per day	572	388.96	0
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	4.29	1 Qntl.	36.677	157.34433	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.	953.91	858.519	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	4.29	1 Qntl.	0	0	0

BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	43.75	19.6875	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.	269.5	242.55	0

Total Amount (a+b+c)	7646.92133
Total GST (a)	414.90306
OVERHEAD CHARGES @ 7.5% (+)	604.63682925
CONTRACTOR PROFIT @ 7.5% (+)	649.98459144375
LABOUR CESS @ 1% (+)	93.164458106937
Grand Total	9409.6102688007
Say For Unit 1 (Grand Total/1)	9409.6102688007

Item 7

R.C.C. Work (AR0409): Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sub-Item of Work

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	8	Per day	472	3776	0
LR046 : Blacksmith	3	Per day	622	1866	0
LR010 : Mate	0.44	Per day	522	229.68	0
BRM162 : Binding Wire.	8	1 Kg.	90.1	720.8	0
BRM341 : Steel	10.5	1 Qntl.	6177.64	64865.22	11675.7396

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	36.677	385.1085	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	0	0	0

Total Amount (a+b+c)	71842.8085
Total GST (a)	11675.7396
OVERHEAD CHARGES @ 7.5% (+)	6263.8911075

CONTRACTOR PROFIT @ 7.5% (+)	6733.6829405625
LABOUR CESS @ 1% (+)	965.16122148062
Grand Total	97481.283369543
Say For Unit 1 (Grand Total/10)	9748.1283369543

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