

Analysis

OD/364/3481/119954/430528/00126255 : CONST OF CC DRAIN WITH ROAD AT LAMTAGUDA
BOIPARISAH

Block : Khairaput, Gram Panchayat : Khairaput

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 (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	572	102.96	0
LR002 : Female mulia	1.4	Per day	472	660.8	0
LR001 : Male mulia	2.5	Per day	472	1180	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
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	471.31	226.2288	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	907.91	871.5936	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
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	294.5	282.72	0

Total Amount (a+b+c)	5638.43808
Total GST (a)	221.47506
OVERHEAD CHARGES @ 7.5% (+)	439.4934855
CONTRACTOR PROFIT @ 7.5% (+)	472.4554969125
LABOUR CESS @ 1% (+)	67.718621224125
Grand Total	6839.5807436366
Say For Unit 1 (Grand Total/1)	6839.5807436366

Item 4

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.	198.296	5.2945032	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	198.296	1.21753744	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)	2150.93953364
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	161.320465023
CONTRACTOR PROFIT @ 7.5% (+)	173.41949989972
LABOUR CESS @ 1% (+)	24.856794985627
Grand Total	2510.5362935484

Say For Unit 1 (Grand Total/10)	251.05362935484
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Item 5

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.	30.732	99.26436	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.	907.91	817.119	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.	294.5	265.05	0

Total Amount (a+b+c)	7000.40336
Total GST (a)	312.38622

OVERHEAD CHARGES @ 7.5% (+)	548.4592185
CONTRACTOR PROFIT @ 7.5% (+)	589.5936598875
LABOUR CESS @ 1% (+)	84.508424583875
Grand Total	8535.3508829714
Say For Unit 1 (Grand Total/1)	8535.3508829714

Item 6

Plastering (AR1026): 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sub-Item of Work

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces (inside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.05	Per day	472	23.6	0
LR001 : Male mulia	0.07	Per day	472	33.04	0
LR025 : Mason	0.14	Per day	572	80.08	0
BRM340 : Cement	0.0271	1 Qntl.	537.3	14.56083	2.6209494
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	76.88	0.5766	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0271	1 Qntl.	36.677	0.9939467	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	471.31	3.534825	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0271	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	43.75	0.328125	0

Total Amount (a+b+c)	156.7143267
Total GST (a)	2.6209494
OVERHEAD CHARGES @ 7.5% (+)	11.9501457075
CONTRACTOR PROFIT @ 7.5% (+)	12.846406635563
LABOUR CESS @ 1% (+)	1.8413182844306
Grand Total	185.97314672749
Say For Unit 1 (Grand Total/1)	185.97314672749

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