

Analysis

**OD/373/3579/121614/384708/00101196 : Construction of Cement Concrete Road from
PMGSY Road to Bhabana Oram House at Jamudihi
Block : Koida, Gram Panchayat : Jamudihi
Created By:BDO Koira**

Item 1
Earth Work (AR0102a): Earth work in hard soil or gravelly soil 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 within 50m. Initial lead and 1.5m initial lift

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	21.5	Per day	462	9933	0
LR001 : Male mulia	21.5	Per day	462	9933	0
Total Amount (a+b+c)				19866	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					1489.95
CONTRACTOR PROFIT @ 7.5% (+)					1601.69625
LABOUR CESS @ 1% (+)					229.5764625
Grand Total					23187.2227125
Say For Unit 1 (Grand Total/100)					231.872227125

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	666.61	66661	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	46.25	4625	0

Total Amount (a+b+c)	84190.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	6314.274				
CONTRACTOR PROFIT @ 7.5% (+)	6787.84455				
LABOUR CESS @ 1% (+)	972.9243855				
Grand Total	98265.3629355				
Say For Unit 1 (Grand Total/100)	982.653629355				

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.	530.51	1214.8679	218.676222
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.	54.512	124.83248	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	666.61	319.9728	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	1386.31	1330.8576	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	46.25	22.2	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	329.5	316.32	0

Total Amount (a+b+c)	6224.35318
Total GST (a)	218.676222
OVERHEAD CHARGES @ 7.5% (+)	483.22720515
CONTRACTOR PROFIT @ 7.5% (+)	519.46924553625
LABOUR CESS @ 1% (+)	74.457258526862
Grand Total	7520.1831112131
Say For Unit 1 (Grand Total/1)	7520.1831112131

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.	530.51	1713.5473	308.438514
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.	54.512	176.07376	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	666.61	299.9745	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.	1386.31	1247.679	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	46.25	20.8125	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.	329.5	296.55	0

Total Amount (a+b+c)	7553.55106				
Total GST (a)	308.438514				
OVERHEAD CHARGES @ 7.5% (+)	589.64921805				
CONTRACTOR PROFIT @ 7.5% (+)	633.87290940375				
LABOUR CESS @ 1% (+)	90.855117014537				
Grand Total	9176.3668184683				
Say For Unit 1 (Grand Total/1)	9176.3668184683				

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.	989.936	26.4312912	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	989.936	6.07820704	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)	2166.93699124				
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Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	162.520274343
CONTRACTOR PROFIT @ 7.5% (+)	174.70929491873
LABOUR CESS @ 1% (+)	25.041665605017
Grand Total	2529.2082261067
Say For Unit 1 (Grand Total/10)	252.92082261067

SANJAY KUMAR NAYAK
JE
Koida Block

Purna Chandra Hembram
AEE
Koida Block

BDO Koirra
BDO
Koida Block