

Analysis

OD/369/3541/120990/409565/00074742 : CONST. OF CC ROAD FROM GAUPADA MAA
BIDYAMALI TEMPLE TO PWD ROAD
Block : Kanas, Gram Panchayat : Trilochanapur
Created By: SOUMYA RANJAN SWAIN

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	60.5	6050	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	744.73	74473	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	75.25	7525	0

Total Amount (a+b+c)	93758.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	7031.874				
CONTRACTOR PROFIT @ 7.5% (+)	7559.26455				
LABOUR CESS @ 1% (+)	1083.4945855				
Grand Total	109432.9531355				
Say For Unit 1 (Grand Total/100)	1094.329531355				

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.	570.62	1306.7198	235.209564
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	75	36	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	985	945.6	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	744.73	357.4704	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	705.67	677.4432	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	75.25	36.12	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	309.5	297.12	0

Total Amount (a+b+c)	5629.80968
Total GST (a)	235.209564
OVERHEAD CHARGES @ 7.5% (+)	439.8764433
CONTRACTOR PROFIT @ 7.5% (+)	472.8671765475
LABOUR CESS @ 1% (+)	67.777628638475
Grand Total	6845.540492486
Say For Unit 1 (Grand Total/1)	6845.540492486

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.	570.62	1843.1026	331.758468
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	75	33.75	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	744.73	335.1285	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.	705.67	635.103	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	75.25	33.8625	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.	309.5	278.55	0

Total Amount (a+b+c)	7023.07896				
Total GST (a)	331.758468				
OVERHEAD CHARGES @ 7.5% (+)	551.6128071				
CONTRACTOR PROFIT @ 7.5% (+)	592.9837676325				
LABOUR CESS @ 1% (+)	84.994340027325				
Grand Total	8584.4283427598				
Say For Unit 1 (Grand Total/1)	8584.4283427598				

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				
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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

JAGANNATH ROUT
JE
Kanas Block

SASWAT KUMAR SENAPATI
AEE
Kanas Block

SOUMYA RANJAN SWAIN
BDO
Kanas Block