

Analysis

OD/360/3434/119040/396124/00066757 : Imp. of Road with CC/Gr-II Metalling from RD Road to Rabindra Patra House
Block : Aul, Gram Panchayat : Nial
Created By:Abinash Biswajit Sethy

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	64.18	6418	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	471.31	47131	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	841.25	84125	0

Total Amount (a+b+c)	143384.32
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	10753.824
CONTRACTOR PROFIT @ 7.5% (+)	11560.3608
LABOUR CESS @ 1% (+)	1656.985048
Grand Total	167355.489848
Say For Unit 1 (Grand Total/100)	1673.55489848

Item 3
Road Work (AR1307): Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.
Sub-Item of Work Supplying & spreading moorum and consolidation with HRR

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	3.6224	1 Cum	65.88	238.643712	0
LR002 : Female mulia	1.5	Per day	462	693	0
LR001 : Male mulia	1.5	Per day	462	693	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	3.6224	1 Cum	1275.91	4621.856384	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	3.6224	1 Cum	40.25	145.8016	0

Total Amount (a+b+c)	6392.301696
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	479.4226272
CONTRACTOR PROFIT @ 7.5% (+)	515.37932424
LABOUR CESS @ 1% (+)	73.8710364744
Grand Total	7460.9746839144
Say For Unit 1 (Grand Total/2.83)	2636.386814104

Item 4

Road Work (AR1305): Supplying & spreading metal to proper camber and consolidation with filler materials laterite moorum and consolidation with H.R.R. including watering and turf edging including cost, conveyance, royalty, and taxes, etc. required for work as per specification and direction of Engineer-in-Charge.

Sub-Item of Work

Filler materials laterite moorum and consolidation with H.R.R.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM041 : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken)	2.83	1 Cum.	650.89	1842.0187	0
BRM025 : Gravel or moorum	0.849	1 Cum	65.88	55.93212	0
LR002 : Female mulia	2	Per day	462	924	0
LR001 : Male mulia	3	Per day	462	1386	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM041 : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken)	2.83	1 Cum.	1275.91	3610.8253	0
BRM025 : Gravel or moorum	0.849	1 Cum	1275.91	1083.24759	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM041 : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken)	2.83	1 Cum.	149.5	423.085	0
BRM025 : Gravel or moorum	0.849	1 Cum	40.25	34.17225	0

Total Amount (a+b+c)

9359.28096

Total GST (a)

0

OVERHEAD CHARGES @ 7.5% (+)

701.946072

CONTRACTOR PROFIT @ 7.5% (+)

754.5920274

LABOUR CESS @ 1% (+)

108.158190594

Grand Total

10923.977249994

Say For Unit 1 (Grand Total/2.83)

3860.0626325067

Item 5

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	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
LR025 : Mason	0.18	Per day	562	101.16	0
BRM340 : Cement	2.29	1 Qntl.	559.18	1280.5222	230.493996
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	71.81	34.4688	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	748.03	718.1088	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	24.787	56.76223	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	406.21	194.9808	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	1275.91	1224.8736	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	841.25	403.8	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	149.5	143.52	0

Total Amount (a+b+c)	5959.99643
Total GST (a)	230.493996
OVERHEAD CHARGES @ 7.5% (+)	464.28678195
CONTRACTOR PROFIT @ 7.5% (+)	499.10829059625
LABOUR CESS @ 1% (+)	71.538854985462
Grand Total	7225.4243535317
Say For Unit 1 (Grand Total/1)	7225.4243535317

PRAKASH KUMAR SAMAL
JE
Aul Block

MIHIR KUMAR DASH
AEE
Aul Block

Abinash Biswajit Sethy
BDO
Aul Block