

Analysis

OD/353/3357/117453/414932/00013381 : Improvement of Road from Burujholi to Sanaburujholi icw MGNREGS

Block : Gosani, Panchayat : Rampa

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Item 1

Earth Work (AR0103a1): Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m 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 specification approved by the dept.

Sub-Item of Work

Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Earth Work (AR0103a)					
LR002 : Female mulia	33.53	Per day	452	15155.56	0
LR001 : Male mulia	33.53	Per day	452	15155.56	0
Combine :: Earth Work (AR0107)					
LR001 : Male mulia	3	Per day	452	1356	0
Total Amount (a+b+c)				31667.12	
Total GST (a)					0
LABOUR CESS @ 1% (+)					316.6712
Grand Total					31983.7912
Say For Unit 1 (Grand Total/100)					319.837912

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	452	5586.72	0
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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	319.5	31950	0

Total Amount (a+b+c)	111391.72				
Total GST (a)	0				
LABOUR CESS @ 1% (+)	1113.9172				
Grand Total	112505.6372				
Say For Unit 1 (Grand Total/100)	1125.056372				

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	552	99.36	0
LR002 : Female mulia	1.4	Per day	452	632.8	0
LR001 : Male mulia	2.5	Per day	452	1130	0
BRM340 : Cement	2.29	1 Qntl.	294.14	673.5806	188.602568
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.	60.457	138.44653	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.	601.51	577.4496	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	319.5	153.36	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	418.55	401.808	0

Total Amount (a+b+c)	5119.11993
Total GST (a)	188.602568
LABOUR CESS @ 1% (+)	53.07722498
Grand Total	5360.79972298
Say For Unit 1 (Grand Total/1)	5360.79972298

Item 4
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	452	678	0
LR001 : Male mulia	1.5	Per day	452	678	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	3.6224	1 Cum	406.21	1471.455104	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	3.6224	1 Cum	80.25	290.6976	0

Total Amount (a+b+c)	3356.796416
Total GST (a)	0

LABOUR CESS @ 1% (+)	33.56796416
Grand Total	3390.36438016
Say For Unit 1 (Grand Total/2.83)	1198.0086148975

Item 5

Road Work (AR1341a): Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).

Sub-Item of Work

Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0037 : Cost of water	144	KL	10	1440	0
BRM025 : Gravel or moorum	108	1 Cum	65.88	7115.04	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	804.94	350631.864	0
PM027 : Truck mounted water tanker Water transport 6KL	24	per hour	900.84	21620.16	0
PM025 : Smooth wheeled Roller 8 -10 tonne BMcompaction 25cum/hour	12	per hour	524.7	6296.4	0
LR001 : Male mulia	250	Per day	452	113000	0
LR025 : Mason	2	Per day	552	1104	0
LR010 : Mate	10.08	Per day	502	5060.16	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	108	1 Cum	406.21	43870.68	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	666.61	290375.316	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	108	1 Cum	80.25	8667	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	418.75	182407.5	0

Total Amount (a+b+c)

1031588.12

Total GST (a)

0

LABOUR CESS @ 1% (+)	10315.8812
Grand Total	1041904.0012
Say For Unit 1 (Grand Total/360)	2894.1777811111

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Gosani Block

SASMITA KUMARI JENA
AEE
Gosani Block

GOURA CHANDRA PATNAIK
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