

Analysis

OD/357/3405/118536/381191/00075623 : Construction of Drain from PWD Road Harijan Pada to Naik Kata Telidihi
Block : Kirmira, Gram Panchayat : Jharmunda
Created By:Abinash Lakra

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	66	6600	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	367.15	36715	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	135.25	13525	0

Total Amount (a+b+c)	62550.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	4691.274				
CONTRACTOR PROFIT @ 7.5% (+)	5043.11955				
LABOUR CESS @ 1% (+)	722.8471355				
Grand Total	73007.5606855				
Say For Unit 1 (Grand Total/100)	730.075606855				

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.	508.47	1164.3963	209.591334
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	74	35.52	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.	42.622	97.60438	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	367.15	176.232	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	757.75	727.44	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	135.25	64.92	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	174.5	167.52	0

Total Amount (a+b+c)	5292.03268
Total GST (a)	209.591334
OVERHEAD CHARGES @ 7.5% (+)	412.62180105
CONTRACTOR PROFIT @ 7.5% (+)	443.56843612875
LABOUR CESS @ 1% (+)	63.578142511787
Grand Total	6421.3923936905
Say For Unit 1 (Grand Total/1)	6421.3923936905

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 specifaicon 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.	508.47	1642.3581	295.624458
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	74	33.3	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.	42.622	137.66906	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	367.15	165.2175	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.	757.75	681.975	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	135.25	60.8625	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.	174.5	157.05	0

Total Amount (a+b+c)	6642.75016				
Total GST (a)	295.624458				
OVERHEAD CHARGES @ 7.5% (+)	520.37809635				
CONTRACTOR PROFIT @ 7.5% (+)	559.40645357625				
LABOUR CESS @ 1% (+)	80.181591679263				
Grand Total	8098.3407596055				
Say For Unit 1 (Grand Total/1)	8098.3407596055				

Dhananjaya Kalo
JE
Kirmira Block

SAHADEV MUNDARI
AEE
Kirmira Block

Abinash Lakra
BDO
Kirmira Block