

Analysis

**OD/362/3462/119649/408151/00064097 : CONSTRUCTION OF CC ROAD AT
JAGANNATHPUR AWC.**

Block : Chilika, Gram Panchayat : Sorana

Created By:Poonam Mahapatra

Item 1
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.	544.6	1759.058	316.63044	
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	62.58	28.161	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.	1372.71	1235.439	0	

b) Carriage Rate Details						
Particular	Quantity	Unit	Rate	Amount	GST	
BRM340 : Cement	3.23	1 Qntl.	28.354	91.58342	0	
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	1045.91	470.6595	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.	861.91	775.719	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	43.25	19.4625	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.	199.5	179.55	0
Total Amount (a+b+c)	7066.99242				
Total GST (a)	316.63044				
OVERHEAD CHARGES @ 7.5% (+)	553.7717145				
CONTRACTOR PROFIT @ 7.5% (+)	595.3045930875				
LABOUR CESS @ 1% (+)	85.326991675875				
Grand Total	8618.0261592634				
Say For Unit 1 (Grand Total/1)	8618.0261592634				

Item 2

Masonry Stone Work (AR0717): Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.

Sub-Item of Work
Laterite stone masonry

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.572	1 Qntl.	544.6	311.5112	56.072016
LR001 : Male mulia	1.21	Per day	462	559.02	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.175	Per day	612	107.1	0
LR008 : Sangi mulia	1.41	Per day	512	721.92	0
LR052 : Stone dresser/ Cutter	2.12	Per day	612	1297.44	0
BRM028 : Screened and washed sharp sand for mortar	0.24	1 Cum	62.58	15.0192	0
BRM079 : Laterite Stone rough dressed	1	1 Cum.	729.98	729.98	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.572	1 Qntl.	28.354	16.218488	0
BRM028 : Screened and washed sharp sand for mortar	0.24	1 Cum	1045.91	251.0184	0
BRM079 : Laterite Stone rough dressed	1	1 Cum.	861.91	861.91	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.572	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.24	1 Cum	43.25	10.38	0
BRM079 : Laterite Stone rough dressed	1	1 Cum.	169.5	169.5	0

Total Amount (a+b+c)	5641.117288
Total GST (a)	56.072016
OVERHEAD CHARGES @ 7.5% (+)	427.2891978
CONTRACTOR PROFIT @ 7.5% (+)	459.335887635
LABOUR CESS @ 1% (+)	65.83814389435
Grand Total	6649.6525333294
Say For Unit 1 (Grand Total/1)	6649.6525333294

Item 3

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.	544.6	1247.134	224.48412
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	62.58	30.0384	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	787.36	755.8656	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	28.354	64.93066	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	1045.91	502.0368	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	861.91	827.4336	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	43.25	20.76	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	199.5	191.52	0

Total Amount (a+b+c)	5542.67906
Total GST (a)	224.48412

OVERHEAD CHARGES @ 7.5% (+)	432.5372385
CONTRACTOR PROFIT @ 7.5% (+)	464.9775313875
LABOUR CESS @ 1% (+)	66.646779498875
Grand Total	6731.3247293864
Say For Unit 1 (Grand Total/1)	6731.3247293864

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