

Analysis

OD/369/3545/275375/409845/00085818 : Drinking water

Block : Sadar, Gram Panchayat : Beladal

Created By: SAMBEET SATAPATHY

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
LR002 : Female mulia	25.8	Per day	462	11919.6
LR001 : Male mulia	25.8	Per day	462	11919.6
Total Amount (a+b+c)				23839.2
OVERHEAD CHARGES @ 7.5% (+)				1787.94
CONTRACTOR PROFIT @ 7.5% (+)				1787.94
LABOUR CESS @ 1% (+)				274.1508
Grand Total				27689.2308
Say For Unit 1 (Grand Total/100)				276.892308

Item 2
R.C.C. Work (AR0404Aa): Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)
Sub-Item of Work Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

a) Specific Rate Details				
Particular	Quantity	Unit	Rate	Amount
Combine :: R.C.C. Work (AR0404A)				
PM096 : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280
PM083 : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82
LR001 : Male mulia	1.3333	Per day	462	615.9846

LR025 : Mason	0.1	Per day	562	56.2
LR010 : Mate	0.0573	Per day	512	29.3376
BRM340 : Cement	3.4733	1 Qntl.	548.03	1903.472599
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	75	33.75
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1418.67	510.7212
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366
Combine :: R.C.C. Work (AR0410c)				
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	1Cum.	58374.79	233.79103395
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	1Mtr.	30.81	5.82309
LR008 : Sangi mulia	0.075	Per day	512	38.4
LR027 : Carpenter	0.075	Per day	562	42.15

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount
BRM340 : Cement	3.4733	1 Qntl.	24.787	86.0926871
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	276.01	124.2045
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	276.01	99.3636
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	276.01	149.0454
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	1Cum.	198.296	0.79417548
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000921	1Mtr.	198.296	0.182630616

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount
BRM340 : Cement	3.4733	1 Qntl.	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	140.25	63.1125
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	249.5	89.82
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	249.5	134.73
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	1Cum.	0	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000921	1Mtr.	0	0

Total Amount (a+b+c)	5335.232216146
OVERHEAD CHARGES @ 7.5% (+)	400.14241621095
CONTRACTOR PROFIT @ 7.5% (+)	400.14241621095
LABOUR CESS @ 1% (+)	61.355170485679
Grand Total	6196.8722190536
Say For Unit 1 (Grand Total/1)	6196.8722190536

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