

Analysis

OD/360/3440/119190/396290/00112613 : CONSTRUCTION OF CC ROAD FROM SUDARSHAN PRADHAN HOUSE TO UPENDRA PRADHAN HOUSE, VILL- RESO, GP- KHANATA
Block : Pattamundai, Gram Panchayat : Khanata
Created By:SHEETAL AGRAWAL

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	861.91	86191	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	186.75	18675	0

Total Amount (a+b+c)	116994.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	8774.574				
CONTRACTOR PROFIT @ 7.5% (+)	9432.66705				
LABOUR CESS @ 1% (+)	1352.0156105				
Grand Total	136553.5766605				
Say For Unit 1 (Grand Total/100)	1365.535766605				

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.	559.18	1280.5222	230.493996
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	71.81	34.4688	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	934.84	897.4464	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	861.91	413.7168	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	1229.91	1180.7136	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	186.75	89.64	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	444.5	426.72	0

Total Amount (a+b+c)	6282.95003
Total GST (a)	230.493996
OVERHEAD CHARGES @ 7.5% (+)	488.50830195
CONTRACTOR PROFIT @ 7.5% (+)	525.14642459625
LABOUR CESS @ 1% (+)	75.270987525463
Grand Total	7602.3697400717
Say For Unit 1 (Grand Total/1)	7602.3697400717

Item 4

R.C.C. Work (AR0410a): Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height

Sub-Item of Work

Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	5.6	1Mtr	51.87	290.472	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0452	1Cum.	58374.79	2638.540508	0
LR008 : Sangi mulia	2.75	Per day	512	1408	0
LR027 : Carpenter	2.75	Per day	562	1545.5	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.069	1Mtr	198.296	13.682424	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0452	1Cum.	198.296	8.9629792	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.069	1Mtr	0	0	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0452	1Cum.	0	0	0

Total Amount (a+b+c)	5905.1579112
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	442.88684334
CONTRACTOR PROFIT @ 7.5% (+)	476.1033565905
LABOUR CESS @ 1% (+)	68.241481111305
Grand Total	6892.3895922418

Say For Unit 1 (Grand Total/9)	765.82106580465
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Item 5

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.	559.18	1806.1514	325.107252
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	71.81	32.3145	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.	1378.22	1240.398	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	24.787	80.06201	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	861.91	387.8595	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.	1229.91	1106.919	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	186.75	84.0375	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.	444.5	400.05	0

Total Amount (a+b+c)	7645.15191
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Total GST (a)	325.107252
OVERHEAD CHARGES @ 7.5% (+)	597.76943715
CONTRACTOR PROFIT @ 7.5% (+)	642.60214493625
LABOUR CESS @ 1% (+)	92.106307440862
Grand Total	9302.7370515271
Say For Unit 1 (Grand Total/1)	9302.7370515271

BANDITA BEHURA
JE
Pattamundai Block

Prasanna kumar Rout
AEE
Pattamundai Block

SHEETAL AGRAWAL
BDO
Pattamundai Block