

Detailed Estimate

OD/363/3471/119810/429001/00016425 : Const of Road at BPGY Colony, Cherengaguda
Block : Koraput, Gram Panchayat : Padmapur
Created By:P. Santosh Kumar Patro

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	side cutoff	6.280	10.000	0.250	0.100	0.000	1.570	-
ii		2.000	4.100	0.250	0.100	0.000	0.205	-
iii		1.000	3.500	0.250	0.100	0.000	0.088	-
Total Quantity					1.8625 cum (cum)		1.8625 Cum (Cubic Meter)	
Amount					1.8625 X 240.77592		448.45	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Raod	3.140	10.000	10.000	0.100	0.000	31.400	-
ii		1.000	4.100	3.000	0.100	0.000	1.230	-
iii	side cutoff	6.280	10.000	0.250	0.050	0.000	0.785	-
iv		2.000	4.100	0.250	0.050	0.000	0.103	-
Total Quantity					33.5175 cum (cum)		33.5175 Cum (Cubic Meter)	
Amount					33.5175 X 1138.475232		38158.84	
3. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
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.								

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	6.280	10.000	0.230	0.300	0.000	4.333	-
ii		2.000	4.100	0.230	0.300	0.000	0.566	-
iii		1.000	3.500	0.230	0.300	0.000	0.242	-
Total Quantity					5.1405 cum (cum)		5.1405 Cum (Cubic Meter)	
Amount					5.1405 X 7336.48141182		37713.18	

4. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	3.140	10.000	10.000	0.000	0.000	314.000	-
ii		1.000	4.100	3.000	0.000	0.000	12.300	-
Total Quantity					326.3 Sqm (Sqm)		326.3 Sqm (Square Meter)	
Amount					326.3 X 640.503		208996.13	

5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	3.140	10.000	0.300	0.000	18.840	-
ii		2.000	4.100	0.300	0.000	0.000	2.460	-
iii		2.000	3.500	0.300	0.000	0.000	2.100	-
Total Quantity					23.4 Sqm (Sqm)		23.4 Sqm (Square Meter)	
Amount					23.4 X 216.55039071844		5067.28	

Total Amount **290383.88**

Addition	
Provision for Contingency (+) @	3000.00
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	3616.00
Total Addition	9616.00
Grand Net Total Amount	299999.88