

Detailed Estimate

OD/363/3471/119810/429001/00016430 : Const of Road at Padampur Industrial Park
Block : Koraput, Panchayat : Padmapur
Created By:P. Santosh Kumar Patro

1. Earth Work (AR0103a1) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m								
Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m 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 specification approved by the dept.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	105.000	0.250	0.200	0.000	10.500	-
ii		2.000	3.660	0.250	0.200	0.000	0.366	-
Total Quantity					10.866 cum (cum)		10.866 Cum (Cubic Meter)	
Amount					10.866 X 319.837912		3475.36	
2. Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed								
Filling foundation and plinth with crusher dust 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	Road	1.000	105.000	3.660	0.100	0.000	38.430	-
ii		2.000	3.660	0.250	0.050	0.000	0.092	-
Total Quantity					38.5215 cum (cum)		38.5215 Cum (Cubic Meter)	
Amount					38.5215 X 651.659272		25102.89	
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	2.000	105.000	0.250	0.350	0.000	18.375	-
ii		2.000	3.660	0.250	0.350	0.000	0.641	-

Total Quantity			19.0155 cum (cum)				19.0155 Cum (Cubic Meter)	
Amount			19.0155 X 7472.33538668				142090.19	
4. 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	4.000	105.000	0.350	0.000	0.000	147.000	-
ii		4.000	3.660	0.350	0.000	0.000	5.124	-
Total Quantity			152.124 Sqm (Sqm)				152.124 Sqm (Square Meter)	
Amount			152.124 X 215.57194050052				32793.67	
5. 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	1.000	105.000	3.660	0.000	0.000	384.300	-
Total Quantity			384.3 Sqm (Sqm)				384.3 Sqm (Square Meter)	
Amount			384.3 X 647.049				248660.93	
Total Amount							452123.04	
Addition								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @							41876.90	
Total Addition							47876.90	
Grand Net Total Amount							499999.94	