

Detailed Estimate

OD/354/3367/117652/410593/00064411 : Construction of CC/Paver road from Harijana Sahi to Gudi Sahi, Binjhagiri
Block : Bhanjanagar, Gram Panchayat : Sanakodanda
Created By: MADHU BEHERA

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	cutoff	2.000	52.650	0.230	0.200	0.000	4.844	-
Total Quantity					4.8438 cum (cum)		4.8438 Cum (Cubic Meter)	
Amount					4.8438 X 240.77592		1166.27	
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	cutoff	2.000	52.650	0.230	0.100	0.000	2.422	-
ii	base	1.000	52.650	3.650	0.100	0.000	19.217	-
Total Quantity					21.63915 cum (cum)		21.63915 Cum (Cubic Meter)	
Amount					21.63915 X 683.086432		14781.41	
3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	52.650	0.230	0.100	0.000	2.422	-

ii	cutoff top	2.000	52.650	0.230	0.075	0.000	1.816	-
Total Quantity					4.238325 cum (cum)		4.238325 Cum (Cubic Meter)	
Amount					4.238325 X 5385.31614786		22824.72	
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	2.000	52.650	0.250	0.000	52.650	-
Total Quantity					52.65 Sqm (Sqm)		52.65 Sqm (Square Meter)	
Amount					52.65 X 216.39264180804		11393.07	
5. 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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	52.650	0.230	0.075	0.000	1.816	-
Total Quantity					1.816425 cum (cum)		1.816425 Cum (Cubic Meter)	
Amount					1.816425 X 6911.27716882		12553.82	
6. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	base	1.000	52.650	3.650	0.000	0.000	192.173	-
Total Quantity					192.1725 Sqm (Sqm)		192.1725 Sqm (Square Meter)	
Amount					192.1725 X 626.9766		120487.66	
7. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	base	1.000	52.650	3.650	0.100	0.000	19.217	-
Total Quantity					19.21725 cum (cum)		19.21725 Cum (Cubic Meter)	
Amount					19.21725 X 660.391732		12690.91	
Total Amount							195897.86	
Addition								
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							102.00	
Provision for survey investigation and quality control (+) @								
Total Addition							4102.00	
Grand Net Total Amount							199999.86	

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