

Detailed Estimate

OD/363/3473/119830/429174/00074336 : CONST. OF PAVER BLOCK ROAD AT BALAGUDA

Block : Kundura, Gram Panchayat : Banuaguda

Created By:RAMA CHANDRA 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	75.000	0.250	0.200	0.000	7.500	-
Total Quantity						7.5 cum (cum)	7.5 Cum (Cubic Meter)	
Amount						7.5 X 240.77592	1805.82	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	sand filling	1.000	75.000	3.100	0.100	0.000	23.250	-
Total Quantity						23.25 cum (cum)	23.25 Cum (Cubic Meter)	
Amount						23.25 X 881.430232	20493.25	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	BS cut off	2.000	75.000	0.250	0.350	0.000	13.125	-
ii	RE CUT OFF	2.000	3.600	0.250	0.250	0.000	0.450	-
Total Quantity						13.575 cum (cum)	13.575 Cum (Cubic Meter)	
Amount						13.575 X 5803.61608944	78784.09	

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	CUT OFF	4.000	75.000	0.400	0.000	0.000	120.000	-
ii	RE CUT OFF	2.000	3.600	0.300	0.000	0.000	2.160	-
Total Quantity							122.16 Sqm (Sqm)	122.16 Sqm (Square Meter)
Amount							122.16 X 216.55039071844	26453.80

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	bs cut off	2.000	75.000	0.250	0.050	0.000	1.875	-
ii	RE cutoff	2.000	3.600	0.250	0.050	0.000	0.090	-
Total Quantity							1.965 cum (cum)	1.965 Cum (Cubic Meter)
Amount							1.965 X 7281.71855128	14308.58

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	paver	1.000	75.000	3.100	0.000	0.000	232.500	-
Total Quantity							232.5 Sqm (Sqm)	232.5 Sqm (Square Meter)
Amount							232.5 X 632.868	147141.81

Total Amount (A) : 288987.34

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.3012	-	3012
Additional Components Amount (F) : 11012			
Grand Total Amount (A + F) : 299999.34339158			

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