

Detailed Estimate

OD/361/3452/119450/386056/00068117 : CONST. OF CC/PAVER ROAD FROM KUSAPADA RD ROAD TO GURU CH.

MAHANTA HOUSE

Block : Kendujhar Sadar, Gram Panchayat : Bauripada

Created By:Ratikanta Lenka

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	242.000	0.830	0.500	0.000	200.860	-
Total Quantity					200.86 Cft (Cubic Foot)		5.687712448 Cum (Cubic Meter)	
Amount					5.687712448 X 240.77592		1369.46	
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		1.000	100.000	12.387	0.250	0.000	309.667	-
ii		1.000	100.000	12.360	0.250	0.000	309.000	-
iii		1.000	18.000	12.710	0.250	0.000	57.195	-
iv		1.000	24.000	19.750	0.250	0.000	118.500	-
Total Quantity					794.3616665 Cft (Cubic Foot)		22.493780437947 Cum (Cubic Meter)	
Amount					22.493780437947 X 995.055232		22382.55	
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	cut off	2.000	242.000	0.830	0.500	0.000	200.860	-	
ii		1.000	100.000	12.387	0.330	0.000	408.760	-	
iii		1.000	100.000	12.357	0.330	0.000	407.770	-	
iv		1.000	18.000	12.705	0.330	0.000	75.468	-	
v		1.000	24.000	19.750	0.330	0.000	156.420	-	
Total Quantity					1249.27769956 Cft (Cubic Foot)		35.375546762901 Cum (Cubic Meter)		
Amount					35.375546762901 X 5970.31247874		211203.07		

4. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	road	1.000	100.000	12.387	0.250	0.000	309.667	-	
ii		1.000	100.000	12.357	0.200	0.000	247.133	-	
iii		1.000	18.000	12.750	0.250	0.000	57.375	-	
iv		1.000	24.000	19.500	0.200	0.000	93.600	-	
Total Quantity					707.7749997 Cft (Cubic Foot)		20.041923111505 Cum (Cubic Meter)		
Amount					20.041923111505 X 7441.10070238		149133.97		

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	242.000	0.000	0.830	0.000	401.720	-
Total Quantity					401.72 Sft (Square Foot)		37.32099316 Sqm (Square Meter)	
Amount					37.32099316 X 216.23489289764		8070.10	
Total Amount							392159.16	
Addition								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							840.75	
Provision for survey investigation and quality control (+) @								
Total Addition							7840.75	
Grand Net Total Amount							399999.91	

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