

Detailed Estimate

OD/347/3320/116553/379853/00063700 : Improvement of Road at Sambalpur High School

Block : Paikmal, Gram Panchayat : Saraikela

Created By:Purna Chandra Bariha

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	40.000	0.225	0.225	0.000	4.050	-
Total Quantity					4.05 cum (cum)		4.05 Cum (Cubic Meter)	
Amount					4.05 X 240.77592		975.14	
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	40.000	0.225	0.100	0.000	1.800	-
ii	Road	1.000	40.000	3.200	0.100	0.000	12.800	-
Total Quantity					14.6 cum (cum)		14.6 Cum (Cubic Meter)	
Amount					14.6 X 630.000832		9198.01	
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	40.000	0.225	0.225	0.000	4.050	-

ii	Road	1.000	40.000	3.200	0.100	0.000	12.800	-
Total Quantity					16.85 cum (cum)		16.85 Cum (Cubic Meter)	
Amount					16.85 X 5291.00853512		89153.49	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	40.000	3.650	0.100	0.000	14.600	-
Total Quantity					14.6 cum (cum)		14.6 Cum (Cubic Meter)	
Amount					14.6 X 6824.76861044		99641.62	
Total Amount							198968.27	
Addition								
Provision for Contingency (+) @							530.00	
Display Citizen Board (+) @							1500.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							2030.00	
Grand Net Total Amount							200998.27	

Purna Chandra Bariha
JE
Paikmal Block

Ranjan Kumar Nayak
AEE
Paikmal Block

BDO Paikmal
BDO
Paikmal Block