

Detailed Estimate

OD/370/3553/121194/426416/00063445 : Improvement of Road at Kandha Sahi, Bhoimada
Block : Kolnara, Gram Panchayat : Bhoimada
Created By:GOURISHYAM NAIK

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	levelling	1.000	26.000	3.650	0.150	0.000	14.235	-
ii	Cut off	2.000	26.000	0.230	0.230	0.000	2.751	-
iii	cutoff	2.000	3.190	0.230	0.230	0.000	0.338	-
Total Quantity					17.323302 cum (cum)		17.323302 Cum (Cubic Meter)	
Amount					17.323302 X 240.77592		4171.03	
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	Road base	1.000	26.000	3.190	0.050	0.000	4.147	-
ii	cutoff	2.000	26.000	0.230	0.050	0.000	0.598	-
iii	cutt off	2.000	3.190	0.230	0.050	0.000	0.073	-
Total Quantity					4.81837 cum (cum)		4.81837 Cum (Cubic Meter)	
Amount					4.81837 X 825.880232		3979.40	
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	Road cutt off	2.000	26.000	0.230	0.230	0.000	2.751	-
ii	Side cutt off	2.000	3.190	0.230	0.230	0.000	0.338	-
iii	road base	1.000	26.000	3.650	0.100	0.000	9.490	-
Total Quantity					12.578302 cum (cum)		12.578302 Cum (Cubic Meter)	
Amount					12.578302 X 5297.10228124		66628.55	

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 base	1.000	26.000	3.650	0.100	0.000	9.490	-
Total Quantity					9.49 cum (cum)		9.49 Cum (Cubic Meter)	
Amount					9.49 X 6738.44607588		63947.85	

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	Road side	2.000	25.000	1.000	0.200	0.000	10.000	-
ii		2.000	3.650	1.000	0.200	0.000	1.460	-
Total Quantity					11.46 Sqm (Sqm)		11.46 Sqm (Square Meter)	

Amount	11.46 X 216.23489289764	2478.05
Total Amount		141204.89
Addition		
Provision for Contingency (+) @		1412.05
Display Citizen Board (+) @		1171.06
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		2583.11
Grand Net Total Amount		143788.00

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SMT REENA PRADHAN
BDO
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