

Detailed Estimate

OD/364/3484/119977/430288/00015650 : Improvemnet Of Road At MPV-4 Near UP School.

Block : Malkangiri, Panchayat : Sikhapalli

Created By:Er. TAPAN KUMAR SAMAL

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 Wall	2.000	57.000	0.230	0.230	0.000	6.031	-
ii	Cross Cutoff Wall	2.000	2.540	0.230	0.230	0.000	0.269	-
Total Quantity					6.299332 cum (cum)		6.299332 Cum (Cubic Meter)	
Amount					6.299332 X 235.56432		1483.90	
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 bed	2.000	57.000	0.230	0.050	0.000	1.311	-
ii	Cross Cutoff bed	2.000	2.540	0.230	0.050	0.000	0.058	-
iii	Bed	1.000	56.540	2.540	0.075	0.000	10.771	-
Total Quantity					12.14029 cum (cum)		12.14029 Cum (Cubic Meter)	
Amount					12.14029 X 514.258872		6243.25	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	57.000	0.230	0.355	0.000	9.308	-

ii	Cross Cutoff Wall	2.000	2.540	0.230	0.255	0.000	0.298	-
iii	Bed	1.000	57.000	2.540	0.100	0.000	14.478	-
Total Quantity					24.084042 cum (cum)		24.084042 Cum (Cubic Meter)	
Amount					24.084042 X 5718.13758562		137715.87	

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 and as per direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bed	1.000	57.000	3.000	0.100	0.000	17.100	-
Total Quantity					17.1 cum (cum)		17.1 Cum (Cubic Meter)	
Amount					17.1 X 7368.46640694		126000.78	

5. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR

Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Berm	2.000	57.000	0.450	0.180	0.000	9.234	-
Total Quantity					9.234 cum (cum)		9.234 Cum (Cubic Meter)	
Amount					9.234 X 1062.1353348975		9807.76	

6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

Rigid and smooth centering 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Long Wall (Inside)	2.000	56.540	0.175	0.000	0.000	19.789	-
ii	Short Wall (Inside)	2.000	2.540	0.175	0.000	0.000	0.889	-

iii	Long Wall (Outside)	2.000	57.000	0.275	0.000	0.000	31.350	-
Total Quantity					52.028 Sqm (Sqm)		52.028 Sqm (Square Meter)	
Amount					52.028 X 215.54039071844		11214.14	
Total Amount							292465.68	
Addition								
Provision for Contingency (+) @							2924.66	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							1609.00	
Total Addition							7533.66	
Grand Net Total Amount							299999.34	