

Detailed Estimate

OD/367/3530/120766/406803/00017144 : Construction of CC Road from Balipatna Primary school gate to school room
Block : Ranapur, Gram Panchayat : Talakani
Created By: ATAL BIHARI SAHOO

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	21.500	0.225	0.150	0.000	1.451	-
ii	cutoff	2.000	7.000	0.225	0.150	0.000	0.473	-
Total Quantity					1.92375 cum (cum)		1.92375 Cum (Cubic Meter)	
Amount					1.92375 X 240.77592		463.19	
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	cuf off	2.000	21.500	2.600	0.050	0.000	5.590	-
ii	cutoff	2.000	7.000	0.225	0.050	0.000	0.158	-
iii	Road	1.000	21.500	2.600	0.100	0.000	5.590	-
iv	Road	1.000	7.000	2.900	0.100	0.000	2.030	-
Total Quantity					13.3675 cum (cum)		13.3675 Cum (Cubic Meter)	
Amount					13.3675 X 499.983532		6683.53	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	21.500	0.225	0.200	0.000	1.935	-
ii	cutoff	2.000	7.000	0.225	0.200	0.000	0.630	-
iii	Road	1.000	21.500	2.600	0.100	0.000	5.590	-
iv	Road	1.000	7.000	2.900	0.100	0.000	2.030	-
Total Quantity					10.185 cum (cum)		10.185 Cum (Cubic Meter)	
Amount					10.185 X 5494.4826988		55961.31	

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 specifaicaon and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	21.500	3.050	0.100	0.000	6.558	-
ii	Road	1.000	7.000	3.350	0.100	0.000	2.345	-
iii	Expansion Joint	4.000	3.050	0.060	0.100	0.000	-	0.073
Total Quantity					8.8293 cum (cum)		8.8293 Cum (Cubic Meter)	
Amount					8.8293 X 7268.1904416		64173.03	

5. R.C.C. Work (AR0410f) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting

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 in ground floor R.C.C. walls and fins including attached pilasters

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	21.500	0.300	0.000	0.000	12.900	-
ii	Road	2.000	7.000	0.300	0.000	0.000	4.200	-
Total Quantity					17.1 Sqm (Sqm)		17.1 Sqm (Square Meter)	
Amount					17.1 X 934.29150984209		15976.38	
Total Amount							143257.45	

Addition

Provision for Contingency (+) @	0.00
Display Citizen Board (+) @	530.55
Any Other Lumpsum (+) @	0.00
Total Addition	530.55
Grand Net Total Amount	143788.00