

Detailed Estimate

OD/346/3298/116052/393901/00063801 : IMPVT. AND CONST. OF CC ROAD FROM BAJIPUR PURNA CHANDRA DAS HOUSE TO SCHOOL

Block : Bahanaga, Gram Panchayat : Gopalpur
Created By: PRASANTA GHADAI

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	E/W in hard soil in Cut off	2.000	91.000	0.830	1.000	0.000	151.060	-
Total Quantity					151.06 Cft (Cubic Foot)		4.277535808 Cum (Cubic Meter)	
Amount					4.277535808 X 240.77592		1029.93	
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	Filling F&P with sand well watered & rammed in Cut off	2.000	91.000	0.830	0.250	0.000	37.765	-
ii	Road bed	1.000	91.000	8.590	0.500	0.000	390.845	-
Total Quantity					428.61 Cft (Cubic Foot)		12.136863648 Cum (Cubic Meter)	
Amount					12.136863648 X 1394.934432		16930.13	
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	CC (1:3:6) using 40 mm size metal in Cut off	2.000	91.000	0.830	1.000	0.000	151.060	-
ii	Road bed	1.000	91.000	8.590	0.310	0.000	242.324	-
Total Quantity					393.3839 Cft (Cubic Foot)		11.13937321952 Cum (Cubic Meter)	
Amount					11.13937321952 X 6198.9081987		69051.95	

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC (1:2:4) Using 12 mm size CB Chips	1.000	91.000	10.250	0.250	0.000	233.188	-
Total Quantity					233.1875 Cft (Cubic Foot)		6.6031238 Cum (Cubic Meter)	
Amount					6.6031238 X 7627.4605009		50365.07	

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	Rigid smooth centering & Shuttering for cc work in Cut off	2.000	91.000	0.500	0.000	0.000	91.000	-

ii	Road bed	1.000	91.000	0.540	0.000	0.000	49.140	-
Total Quantity					140.14 Sft (Square Foot)		13.01942642 Sqm (Square Meter)	
Amount					13.01942642 X 216.23489289764		2815.25	
Total Amount							140192.33	
Addition								
Provision for Contingency (+) @							1437.00	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							3437.00	
Grand Net Total Amount							143629.33	

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JE
Bahanaga Block

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BDO
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