

Detailed Estimate

OD/347/3315/116450/380549/00018597 : Imp. of Road with CC/ Grade-II Metalling At Haatgaon Harijanpada to UP School

Block : Bheden, Gram Panchayat : Rusuda

Created By: Niranjan Nayak

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut-off	2.000	60.000	0.250	0.150	1.000	4.500	-
Total Quantity					4.5 cum (cum)		4.5 Cum (Cubic Meter)	
Amount					4.5 X 240.77592		1083.49	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut-off	2.000	60.000	0.250	0.050	1.000	1.500	-
ii	Road	1.000	60.000	3.150	0.100	1.000	18.900	-
Total Quantity					20.4 cum (cum)		20.4 Cum (Cubic Meter)	
Amount					20.4 X 731.101832		14914.48	
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	Cut-off	2.000	60.000	0.250	0.200	1.000	6.000	-

ii	Road	1.000	60.000	3.650	0.100	1.000	21.900	-
Total Quantity					27.9 cum (cum)		27.9 Cum (Cubic Meter)	
Amount					27.9 X 5589.68597752		155952.24	
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	Road	1.000	60.000	3.650	0.075	1.000	16.425	-
Total Quantity					16.425 cum (cum)		16.425 Cum (Cubic Meter)	
Amount					16.425 X 7163.47602924		117660.09	
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	2.000	60.000	0.000	0.180	1.000	21.600	-
Total Quantity					21.6 Sqm (Sqm)		21.6 Sqm (Square Meter)	
Amount					21.6 X 216.23489289764		4670.67	
6. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Berm	2.000	60.000	0.450	0.250	1.000	13.500	-
Total Quantity					13.5 cum (cum)		13.5 Cum (Cubic Meter)	

Amount	13.5 X 1158.2961286784	15637.00
Total Amount		309917.97
Addition		
Provision for Contingency (+) @		3172.00
Display Citizen Board (+) @		4082.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		7254.00
Grand Net Total Amount		317171.97

Niranjan Nayak
JE
Bheden Block

Ranjan Bhoi
AEE
Bheden Block

KARNA SUNA
BDO
Bheden Block