

Detailed Estimate

OD/370/3557/121252/426586/00077314 : Construction of CC road and Drain at G Kantua
Block : Rayagada, Gram Panchayat : Bariagihalwa
Created By: DEEPTI RANJAN BEHERA

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	Cut off wall	2.000	45.300	0.300	0.200	0.000	5.436	-
ii	Surface dressing	1.000	45.300	3.050	0.050	0.000	6.908	-
iii	Drain	1.000	45.300	1.200	0.600	0.000	32.616	-
Total Quantity					44.96025 cum (cum)		44.96025 Cum (Cubic Meter)	
Amount					44.96025 X 240.77592		10825.35	
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	Cut off wall	2.000	45.300	0.300	0.050	0.000	1.359	-
ii	Road Surface	1.000	45.300	3.050	0.050	0.000	6.908	-
iii	Drain	1.000	45.300	1.200	0.100	0.000	5.436	-
Total Quantity					13.70325 cum (cum)		13.70325 Cum (Cubic Meter)	
Amount					13.70325 X 615.497232		8434.31	
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 wall	2.000	45.300	0.300	0.150	0.000	4.077	-
ii	Road Surface	1.000	45.300	3.650	0.100	0.000	16.535	-
iii	Drain bed	1.000	45.300	1.200	0.100	0.000	5.436	-
iv	Drain wall	2.000	45.300	0.300	0.600	0.000	16.308	-
Total Quantity					42.3555 cum (cum)		42.3555 Cum (Cubic Meter)	
Amount					42.3555 X 5285.97538192		223890.13	

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 Road	1.000	45.300	3.650	0.100	0.000	16.535	-
ii	Drain Bed	1.000	45.300	0.600	0.050	0.000	1.359	-
iii	Drain Wall	2.000	45.300	0.300	0.050	0.000	1.359	-
Total Quantity					19.2525 cum (cum)		19.2525 Cum (Cubic Meter)	
Amount					19.2525 X 6861.51065304		132101.23	

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
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i	Road Side face	2.000	45.300	0.000	0.200	0.000	18.120	-
ii	Drain wall	2.000	45.300	0.000	0.600	0.000	54.360	-
Total Quantity					72.48 Sqm (Sqm)		72.48 Sqm (Square Meter)	
Amount					72.48 X 216.23489289764		15672.71	
Total Amount							390923.73	
Addition								
Provision for Contingency (+) @							3909.24	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							167.00	
Provision for survey investigation and quality control (+) @								
Total Addition							9076.24	
Grand Net Total Amount							399999.96	

DEEPTI RANJAN BEHERA
JE
Rayagada Block

SAMEER KUMAR RATH
AEE
Rayagada Block

SHRI SUJIT KUMAR MISHRA
BDO
Rayagada Block