

Detailed Estimate

OD/350/3336/116948/400107/00016947 : Maint. & Imp. of Road with CC/ Gr-II Metalling from Gobabasta Primary School to Sunari Bhoi Sahi over Harianta Distributary
Block : Baranga, Gram Panchayat : Sainso
Created By:Belabhumi 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	Wall	2.000	37.500	0.225	0.150	0.000	2.531	-
ii	Road	1.000	37.500	3.200	0.050	0.000	6.000	-
Total Quantity					8.53125 cum (cum)		8.53125 Cum (Cubic Meter)	
Amount					8.53125 X 240.77592		2054.12	
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	Wall	2.000	37.500	0.225	0.050	0.000	0.844	-
ii	Road	1.000	37.500	3.200	0.050	0.000	6.000	-
Total Quantity					6.84375 cum (cum)		6.84375 Cum (Cubic Meter)	
Amount					6.84375 X 900.064732		6159.82	
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	Wall	2.000	37.500	0.225	0.200	0.000	3.375	-
ii	road	1.000	37.500	3.200	0.100	0.000	12.000	-
iii	slope	1.000	5.500	1.400	0.100	0.000	0.770	-
Total Quantity					16.145 cum (cum)		16.145 Cum (Cubic Meter)	
Amount					16.145 X 6209.67513806		100255.21	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	37.500	3.200	0.068	0.000	8.160	-
ii	Slope	1.000	5.500	1.400	0.066	0.000	0.508	-
Total Quantity					8.6682 cum (cum)		8.6682 Cum (Cubic Meter)	
Amount					8.6682 X 7723.56637622		66949.42	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	37.500	0.000	0.200	2.000	30.000	-
ii	Road	1.000	37.500	0.000	0.065	2.000	4.875	-
iii	slope	1.000	1.400	0.160	0.000	0.000	0.224	-
Total Quantity					35.099 Sqm (Sqm)		35.099 Sqm (Square Meter)	
Amount					35.099 X 216.23489289764		7589.63	

Total Amount	183008.19
Addition	
Provision for Contingency (+) @	1830.08
Display Citizen Board (+) @	907.00
Any Other Lumpsum (+) @	786.00
Provision for survey investigation and quality control (+) @	
Total Addition	3523.08
Grand Net Total Amount	186531.27

Belabhumi Sahoo
JE
Baranga Block

Aditya Narayan Mishra
AEE
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Swagat Das
BDO
Baranga Block