Detailed Estimate

OD/365/3491/120112/390494/00074433 : Construction of CC road from Lempa Murmu house to Railway fatak road at cherka sahi ss mahulia
Block : Betnoti, Gram Panchayat : Betnoti
Created By:PRASANTA KUMAR 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	2.000	77.000	0.225	0.225	0.000	7.796	-
ii	toe wall	2.000	3.200	0.225	0.225	0.000	0.324	-
Total Quantity					8.12025 cum (cum)		8.12025 Cum (Cubic Meter)	
Amount					**8.12025 X 240.77592**		**1955.16**	

2. 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	cut off	2.000	77.000	0.225	0.225	0.000	7.796	-
ii	toe wall	2.000	3.200	0.225	0.225	0.000	0.324	-
iii	bed	1.000	77.000	3.200	0.100	0.000	24.640	-
Total Quantity					32.76025 cum (cum)		32.76025 Cum (Cubic Meter)	
Amount					**32.76025 X 6571.9833723**		**215299.82**	

3. 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 specificaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	77.000	3.650	0.100	0.000	28.105	-
Total Quantity					28.105 cum (cum)		28.105 Cum (Cubic Meter)	
Amount					**28.105 X 8068.6119571**		**226768.34**	
4. 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	2.000	77.000	0.225	0.050	0.000	1.733	-
ii	toe wall	2.000	3.200	0.225	0.050	0.000	0.072	-
iii	inner bed	1.000	77.000	3.200	0.075	0.000	18.480	-
Total Quantity					20.2845 cum (cum)		20.2845 Cum (Cubic Meter)	
Amount					**20.2845 X 1428.234132**		**28971.02**	
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	side wall	2.000	77.000	0.000	0.320	0.000	49.280	-
ii	inner wall	2.000	77.000	0.000	0.175	0.000	26.950	-
Total Quantity					76.23 Sqm (Sqm)		76.23 Sqm (Square Meter)	
Amount					**76.23 X 216.39264180804**		**16495.61**	

Total Amount	**489489.94**
Addition	
Provision for Contingency (+) @	4894.90
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	615.00
Provision for survey investigation and quality control (+) @	
Total Addition	**10509.90**
Grand Net Total Amount	**499999.84**

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JE
Betnoti Block

SOUMYASHREE BHOI
AEE
Betnoti Block

SUSANTA KUMAR SUTAR
BDO
Betnoti Block