

Detailed Estimate

OD/356/3403/118508/400416/00064458 : REPAIR AND MAINTENANCE OF ROAD FROM SAMBHUNATH BARIK HOUSE TO KARTIKESWAR HOUSE
Block : Sukinda, Gram Panchayat : Ollia
Created By: Hiranya Laxmi 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	Head wall	2.000	2.500	1.350	1.200	0.000	8.100	-
ii	Credle bedding	1.000	5.000	0.900	0.300	0.000	1.350	-
iii	Cutoff wal	2.000	154.000	0.225	0.200	0.000	13.860	-
Total Quantity					23.31 cum (cum)		23.31 Cum (Cubic Meter)	
Amount					23.31 X 240.77592		5612.49	
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	Head wall	2.000	2.500	1.350	0.150	0.000	1.013	-
ii	Credle bedding	1.000	5.000	0.900	0.150	0.000	0.675	-
iii	Below pavementl	1.000	154.000	3.200	0.100	0.000	49.280	-
Total Quantity					50.9675 cum (cum)		50.9675 Cum (Cubic Meter)	
Amount					50.9675 X 949.100232		48373.27	
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	Head wall	2.000	2.500	1.350	0.150	0.000	1.013	-
ii	Pipe bed	1.000	5.000	0.900	0.150	0.000	0.675	-
iii	Head wall super structure	2.000	2.500	0.800	1.500	0.000	6.000	-
iv	Parapet	2.000	2.500	0.400	0.400	0.000	0.800	-
v	Cut off wall	2.000	154.000	0.225	0.300	0.000	20.790	-
vi	Pavement	1.000	154.000	3.600	0.100	0.000	55.440	-
vii	Deduction Pipe at Head wall	2.000	0.800	0.585	0.000	0.000	-	0.936
Total Quantity					83.7815 cum (cum)		83.7815 Cum (Cubic Meter)	
Amount					83.7815 X 5858.05773766		490796.86	

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 specificaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pavement	1.000	154.000	3.600	0.100	0.000	55.440	-
Total Quantity					55.44 cum (cum)		55.44 Cum (Cubic Meter)	
Amount					55.44 X 7356.92306442		407867.81	

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	Head wall	2.000	2.500	0.000	1.500	0.000	7.500	-
ii	D	2.000	2.500	0.000	1.500	0.000	7.500	-
iii	do	4.000	0.800	0.000	1.500	0.000	4.800	-
iv	Parapet	4.000	2.500	0.000	0.400	0.000	4.000	-
v	do	4.000	0.400	0.000	0.400	0.000	0.640	-
vi	Cut off wall	4.000	154.000	0.000	0.100	0.000	61.600	-
vii	Pavement	2.000	154.000	0.000	0.200	0.000	61.600	-
Total Quantity					147.64 Sqm (Sqm)		147.64 Sqm (Square Meter)	
Amount					147.64 X 216.23489289764		31924.92	
Total Amount							984575.35	
Addition								
Provision for Contingency (+) @							9845.75	
Display Citizen Board (+) @							5575.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							15420.75	
Grand Net Total Amount							999996.10	

Hiranya Laxmi Nayak
JE
Sukinda Block

Asish Kumar Biswal
AEE
Sukinda Block

Prangyan Primita Prusty
BDO
Sukinda Block