

Detailed Estimate

**OD/362/3457/119550/407639/00072025 : Repair & Maintenance of road from Sidheswar Sahoo house to Kochilakhai
Khal**

Block : Balipatna, Gram Panchayat : Amanakuda

Created By:Manoranjan Kar

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	levelling of surface	1.000	30.000	3.650	0.075	1.000	8.213	-
ii	Cutoff Wall	2.000	30.000	0.250	0.100	1.000	1.500	-
Total Quantity					9.7125 cum (cum)		9.7125 Cum (Cubic Meter)	
Amount					9.7125 X 240.77592		2338.54	
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	CUTOFF WALL	2.000	30.000	0.250	0.050	1.000	0.750	-
ii	ROAD	1.000	30.000	3.150	0.050	1.000	4.725	-
Total Quantity					5.475 cum (cum)		5.475 Cum (Cubic Meter)	
Amount					5.475 X 619.032232		3389.20	
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	CUTOFF WALL	2.000	30.000	0.225	0.100	1.000	1.350	-
ii	ROAD	1.000	30.000	3.650	0.100	1.000	10.950	-
Total Quantity					12.3 cum (cum)		12.3 Cum (Cubic Meter)	
Amount					12.3 X 6060.5506015		74544.77	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	30.000	3.650	0.070	1.000	7.665	-
Total Quantity					7.665 cum (cum)		7.665 Cum (Cubic Meter)	
Amount					7.665 X 7485.5684895		57376.88	
5. miscellaneous (ARM216) : Shuttering in foundation excluding cost of wood (Labour only). (Well Sinking) and as directed by Engineer-in-Charge.								
Shuttering in foundation excluding cost of wood (Labour only). (Well Sinking) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUTOFF WALL	4.000	30.000	0.100	1.000	1.000	12.000	-
ii	ROAD	2.000	30.000	0.175	1.000	1.000	10.500	-
Total Quantity					22.5 Sqm (Sqm)		22.5 Sqm (Square Meter)	
Amount					22.5 X 4.99		112.28	
Total Amount							137761.67	
Addition								
Provision for Contingency (+) @							1438.00	

Display Citizen Board (+) @	3332.30
Any Other Lumpsum (+) @	1256.00
Provision for survey investigation and quality control (+) @	
Total Addition	6026.30
Grand Net Total Amount	143787.97

Manoranjan Kar
JE
Balipatna Block

Archana Das
AEE
Balipatna Block

Subhrasu Sekhar Padhi
BDO
Balipatna Block