

Detailed Estimate

OD/373/3584/121693/383707/00068527 : Construction of Cement Concrete Road from Maa Gruha to Angenwadi at Fittingpada

Block : Lephripara, Gram Panchayat : Chhatenpali

Created By:Radhashyam Das

1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC ROAD AREA	1.000	140.000	3.500	0.000	0.000	490.000	-
Total Quantity					490 Sqm (Sqm)		490 Sqm (Square Meter)	
Amount					490 X 4.6662		2286.44	
2. 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	140.000	0.225	0.150	0.000	9.450	-
ii	DRAIN	1.000	10.000	0.450	0.100	0.000	0.450	-
Total Quantity					9.9 cum (cum)		9.9 Cum (Cubic Meter)	
Amount					9.9 X 240.77592		2383.68	
3. 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	CC ROAD	1.000	140.000	3.350	0.100	0.000	46.900	-

ii	CUT OFF	2.000	140.000	0.225	0.050	0.000	-	3.150
iii	DRAIN	1.000	10.000	0.450	0.050	0.000	0.225	-
Total Quantity					43.975 cum (cum)		43.975 Cum (Cubic Meter)	
Amount					43.975 X 1060.159832		46620.53	
4. 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	CC ROAD	1.000	140.000	3.350	0.100	0.000	46.900	-
ii	CUT OFF	2.000	140.000	0.225	0.100	0.000	6.300	-
iii	DRAIN	1.000	10.000	0.450	0.075	0.000	0.338	-
Total Quantity					53.5375 cum (cum)		53.5375 Cum (Cubic Meter)	
Amount					53.5375 X 5462.16640752		292430.73	
5. 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	CC ROAD	1.000	140.000	3.350	0.100	0.000	46.900	-
ii	DEDUCT THERMOCOOL	30.000	3.500	0.100	0.012	0.000	-	0.126
iii	DRAIN	1.000	10.000	0.450	0.075	0.000	0.338	-
Total Quantity					47.1115 cum (cum)		47.1115 Cum (Cubic Meter)	
Amount					47.1115 X 6928.12916224		326394.56	

6. 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
i	CUT OFF	2.000	140.000	0.250	0.000	0.000	70.000	-
Total Quantity					70 Sqm (Sqm)		70 Sqm (Square Meter)	
Amount					70 X 216.23489289764		15136.44	

7. miscellaneous (ARM017) : Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge.

Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	THERMOCOOL	30.000	12.000	0.330	1.000	0.000	118.800	-
Total Quantity					118.8 Ft (Feet)		36.210238841272 Rmt (Meter)	
Amount					36.210238841272 X 2.01		72.78	
Total Amount							685325.16	

Addition

Provision for Contingency (+) @							7000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							2674.83	
Provision for survey investigation and quality control (+) @								
Total Addition							14674.83	
Grand Net Total Amount							699999.99	

Radhashyam Das
JE
Lephripara Block

Brusabhanu Bhoi
AEE
Lephripara Block

BDO LEPHRIPARA
BDO
Lephripara Block