

Detailed Estimate

OD/363/3476/119876/429886/00067937 : CONSTRUCTION OF CC ROAD AT KHILUA HARIJAN SAHI

Block : Nandapur, Gram Panchayat : Hikimput

Created By: GOPAL MINZ

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	P.B road Cut off wall	2.000	90.100	0.300	0.150	0.000	8.109	-	
ii	Front /End Cut off wall	2.000	3.600	0.300	0.150	0.000	0.324	-	
iii	Middle Cut off wall	7.000	3.000	0.300	0.150	0.000	0.945	-	
iv	C.C road	2.000	11.700	0.225	0.150	0.000	0.790	-	
Total Quantity							10.16775 cum (cum)	10.16775 Cum (Cubic Meter)	
Amount							10.16775 X 240.77592	2448.15	
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	P.B road	1.000	88.000	3.000	0.100	0.000	26.400	-	
ii	C.C road	1.000	11.700	2.550	0.100	0.000	2.984	-	
Total Quantity							29.3835 cum (cum)	29.3835 Cum (Cubic Meter)	
Amount							29.3835 X 782.551232	22994.09	
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	C.C road Cut off wall	2.000	11.700	0.225	0.350	0.000	1.843	-
ii	C.C road	1.000	11.700	2.550	0.100	0.000	2.984	-
Total Quantity					4.82625 cum (cum)		4.82625 Cum (Cubic Meter)	
Amount					4.82625 X 5641.75949894		27228.54	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	P.B road Cut off wall	2.000	90.100	0.300	0.325	0.000	17.570	-
ii	Front/ End Cut off wall	2.000	3.600	0.300	0.325	0.000	0.702	-
iii	Middle Cut off wall	7.000	3.000	0.300	0.325	0.000	2.048	-
iv	C.C road	1.000	11.700	3.000	0.075	0.000	2.633	-
Total Quantity					22.9515 cum (cum)		22.9515 Cum (Cubic Meter)	
Amount					22.9515 X 7123.47442778		163494.42	

5. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Paver Block road	1.000	88.000	3.000	0.000	0.000	264.000	-
Total Quantity					264 Sqm (Sqm)		264 Sqm (Square Meter)	
Amount					264 X 629.931		166301.78	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	P.B Cut off wall	2.000	90.100	0.000	0.180	0.000	32.436	-
ii	Front / Cut off wall	2.000	3.600	0.000	0.180	0.000	1.296	-
iii	C.C road Cut off wall	2.000	11.700	0.000	0.275	0.000	6.435	-
Total Quantity					40.167 Sqm (Sqm)		40.167 Sqm (Square Meter)	
Amount					40.167 X 216.23489289764		8685.51	
Total Amount							391152.50	
Addition								
Provision for Contingency (+) @							3847.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							8847.00	
Grand Net Total Amount							399999.50	

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