

Detailed Estimate

OD/354/3379/117889/413350/00108683 : Const of CC/Paver Block road at Majhi Dera Sahi under Patrapur village
Block : Patrapur, Gram Panchayat : Patrapur
Created By: SUNIL KUMAR JANI

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	Road Surface	1.000	69.700	4.000	0.100	0.000	27.880	-
ii	Cut Off Wall	2.000	69.700	0.230	0.230	0.000	7.374	-
iii	Cut Off Wall	2.000	3.540	0.230	0.230	0.000	0.375	-
Total Quantity					35.628792 cum (cum)		35.628792 Cum (Cubic Meter)	
Amount					35.628792 X 240.77592		8578.56	
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	Road Base	1.000	69.700	3.540	0.075	0.000	18.505	-
ii	Cut Off Wall	2.000	69.700	0.230	0.100	0.000	3.206	-
iii	Cut Off Wall	2.000	3.540	0.230	0.100	0.000	0.163	-
Total Quantity					21.87439 cum (cum)		21.87439 Cum (Cubic Meter)	
Amount					21.87439 X 686.156832		15009.26	
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	Cut Off Wall	2.000	69.700	0.230	0.300	0.000	9.619	-
ii	Cut off Wall	2.000	3.540	0.230	0.300	0.000	0.489	-
Total Quantity					10.10712 cum (cum)		10.10712 Cum (Cubic Meter)	
Amount					10.10712 X 5499.8934102		55588.08	

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	Side Packing	2.000	69.700	0.100	0.080	0.000	1.115	-
Total Quantity					1.1152 cum (cum)		1.1152 Cum (Cubic Meter)	
Amount					1.1152 X 7002.1468264		7808.79	

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
i	Road Sur Face	1.000	69.700	3.540	0.000	0.000	246.738	-
Total Quantity					246.738 Sqm (Sqm)		246.738 Sqm (Square Meter)	
Amount					246.738 X 628.2396		155010.58	

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
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i	Cut Off Wall	4.000	69.700	0.000	0.230	0.000	64.124	-
ii	cut Off Wall	4.000	3.540	0.000	0.230	0.000	3.257	-
Total Quantity					67.3808 Sqm (Sqm)		67.3808 Sqm (Square Meter)	
Amount					67.3808 X 216.23489289764		14570.08	

Total Amount (A) : 256565.36

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.2344.5	-	2344.5
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.9070	Transporting Paver	9070
4	Provision for survey investigation and quality control @ Rs.27020	-	27020
Additional Components Amount (F) : 43434.5			

Grand Total Amount (A + F) : 299999.85663768

SUNIL KUMAR JANI
JE
Patrapur Block

GHANASHYAMA DAKUA
AEE
Patrapur Block

LAXMAN CHARAN SOREN
BDO
Patrapur Block