

Detailed Estimate

**OD/365/3503/120296/387675/00075103 : Const. Paver Block road from Halda School to Halda Jahira at Halda Block : Rairangpur, Gram Panchayat : Halda
Created By:PRASHANTA KUMAR DAS**

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	Cutoff	2.000	255.000	1.330	0.830	0.028	15.933	-
ii	Road Base	1.000	255.000	12.500	0.500	0.028	45.103	-
Total Quantity					61.0357137 cum (cum)		61.0357137 Cum (Cubic Meter)	
Amount					61.0357137 X 240.77592		14695.93	
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	Cut Off	1.000	255.000	1.330	0.500	0.028	4.799	-
ii	Base	1.000	255.000	10.330	1.500	0.028	111.820	-
Total Quantity					116.61864 cum (cum)		116.61864 Cum (Cubic Meter)	
Amount					116.61864 X 693.661132		80893.82	
3. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)								
6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Sides of Road	2.000	255.000	0.000	0.830	0.093	39.325	-
Total Quantity					39.32457 Sqm (Sqm)		39.32457 Sqm (Square Meter)	
Amount					39.32457 X 191.497686094		7530.56	
4. 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	Cutoff	4.000	255.000	0.000	1.830	0.093	173.407	-
Total Quantity					173.40714 Sqm (Sqm)		173.40714 Sqm (Square Meter)	
Amount					173.40714 X 216.23489289764		37496.67	
5. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	2.000	255.000	0.830	1.830	0.028	21.922	-
Total Quantity					21.9222837 cum (cum)		21.9222837 Cum (Cubic Meter)	
Amount					21.9222837 X 5599.4357883		122752.42	
6. 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	Sides	2.000	255.000	0.500	0.330	0.028	2.381	-
Total Quantity					2.381445 cum (cum)		2.381445 Cum (Cubic Meter)	
Amount					2.381445 X 7286.6447071		17352.74	
7. 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 Base	1.000	255.000	10.330	0.000	0.093	244.713	-
Total Quantity					244.712535 Sqm (Sqm)		244.712535 Sqm (Square Meter)	
Amount					244.712535 X 627.2907		153505.90	
Total Amount							434228.05	
Addition								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							3500.00	
Any Other Lumpsum (+) @							1771.95	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							5271.95	
Grand Net Total Amount							439500.00	

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