

Detailed Estimate

OD/366/3514/120436/427678/00065541 : Improvement of road from Dabugam Dulardei Mandir to Dash Ghar
Block : Dabugam, Gram Panchayat : Dabugam
Created By: Abinash Nayak

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	Kerb wall	2.000	129.000	0.200	0.200	1.000	10.320	-
Total Quantity					10.32 cum (cum)		10.32 Cum (Cubic Meter)	
Amount					10.32 X 240.77592		2484.81	
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	Kerb wall	2.000	129.000	0.200	0.050	0.000	2.580	-
ii	Paver road base	1.000	129.000	3.650	0.150	0.000	70.628	-
Total Quantity					73.2075 cum (cum)		73.2075 Cum (Cubic Meter)	
Amount					73.2075 X 662.866232		48526.78	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Kerb wall base	2.000	129.000	0.200	0.150	0.000	7.740	-

Total Quantity				7.74 cum (cum)			7.74 Cum (Cubic Meter)	
Amount				7.74 X 5396.0474423			41765.41	
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	Kerb wall	2.000	129.000	0.200	0.250	0.000	12.900	-
Total Quantity				12.9 cum (cum)			12.9 Cum (Cubic Meter)	
Amount				12.9 X 6905.5012091			89080.97	
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	Paver road	1.000	129.000	3.650	0.000	0.000	470.850	-
Total Quantity				470.85 Sqm (Sqm)			470.85 Sqm (Square Meter)	
Amount				470.85 X 626.376			294929.14	
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	Kerb wall	2.000	129.000	0.000	0.250	0.000	64.500	-
Total Quantity				64.5 Sqm (Sqm)			64.5 Sqm (Square Meter)	

Amount	64.5 X 216.23489289764	13947.15
Total Amount		490734.25
Addition		
Provision for Contingency (+) @		5000.00
Display Citizen Board (+) @		4150.00
Any Other Lumpsum (+) @		115.50
Provision for survey investigation and quality control (+) @		
Total Addition		9265.50
Grand Net Total Amount		499999.75

**Abinash Nayak
JE
Dabugam Block**

**Sanket Nayak
AEE
Dabugam Block**

**SARATA MAJHI
BDO
Dabugam Block**