

Detailed Estimate

OD/363/3468/119742/428306/00069853 : IMPROVEMENT OF ROAD FROM HARIJAN SAHI TO SCHOOL

Block : Borigumma, Gram Panchayat : Gumuda

Created By: LIPIKA LOPAMUDRA

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	Paver cut off	2.000	90.000	0.230	0.230	0.000	9.522	-
Total Quantity					9.522 cum (cum)		9.522 Cum (Cubic Meter)	
Amount					9.522 X 240.77592		2292.67	
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	1.000	90.000	3.600	0.150	0.000	48.600	-
Total Quantity					48.6 cum (cum)		48.6 Cum (Cubic Meter)	
Amount					48.6 X 947.383232		46042.83	
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	2.000	90.000	0.230	0.300	0.000	12.420	-
Total Quantity					12.42 cum (cum)		12.42 Cum (Cubic Meter)	

Amount					12.42 X 5683.4761713	70588.77		
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	Cut off	4.000	90.000	1.000	0.230	0.000	82.800	-
Total Quantity					82.8 Sqm (Sqm)		82.8 Sqm (Square Meter)	
Amount					82.8 X 216.86588853924		17956.50	
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	1.000	90.000	3.600	0.000	0.000	324.000	-
Total Quantity					324 Sqm (Sqm)		324 Sqm (Square Meter)	
Amount					324 X 634.827		205683.95	
Total Amount							342564.71	
Addition								
Provision for Contingency (+) @							3425.65	
Display Citizen Board (+) @							4008.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							7433.65	

Grand Net Total Amount

349998.36

**LIPIKA LOPAMUDRA
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**Prakash Kumar Pradhan
AEE
Borigumma Block**

**SUKANTA KUMAR PATNAIK
BDO
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