

Detailed Estimate

OD/353/3357/117449/414663/00067652 : Construction of paver block road from siva temple to badua amnavari temple at badua

Block : Gosani, Gram Panchayat : Kharasandha

Created By:ACHYUTANANDA MUDULI

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 base levelling /dressing	1.000	105.000	3.500	0.100	0.000	36.750	-
Total Quantity					36.75 cum (cum)		36.75 Cum (Cubic Meter)	
Amount					36.75 X 240.77592		8848.52	
2. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR								
Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road base	1.000	105.000	3.500	0.100	0.000	36.750	-
Total Quantity					36.75 cum (cum)		36.75 Cum (Cubic Meter)	
Amount					36.75 X 1314.4922246784		48307.59	
3. Road Work (AR1339) : Construction of granular sub-base by providing Close graded Granular subbase Grading-III material as per table 400-1								
Construction of granular sub-base by providing Close graded Granular subbase Grading-III material as per table 400-1, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density complete including cost conveyance, royalty, taxes, cess etc. of all materials, etc. as per Clause 401 of MoRT&H Specifications for Road & Bridge works (Last Revision).								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	Road	1.000	105.000	3.500	0.100	0.000	36.750	-
Total Quantity					36.75 cum (cum)		36.75 Cum (Cubic Meter)	
Amount					36.75 X 1583.5138617333		58194.13	
4. 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	105.000	3.500	0.050	0.000	18.375	-
Total Quantity					18.375 cum (cum)		18.375 Cum (Cubic Meter)	
Amount					18.375 X 954.150232		17532.51	
5. 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	cutt offwall	2.000	100.000	0.300	0.300	0.000	18.000	-
Total Quantity					18 cum (cum)		18 Cum (Cubic Meter)	
Amount					18 X 5538.08933972		99685.61	
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	cottoff wall top/paver block packing	2.000	100.000	0.300	0.080	0.000	4.800	-
Total Quantity					4.8 cum (cum)		4.8 Cum (Cubic Meter)	

Amount				4.8 X 7056.60615164			33871.71	
7. 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 wall	2.000	100.000	0.300	0.000	0.000	60.000	-
ii		2.000	100.000	0.300	0.000	0.000	60.000	-
Total Quantity					120 Sqm (Sqm)		120 Sqm (Square Meter)	
Amount				120 X 216.23489289764			25948.19	
8. 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	100.000	3.500	0.000	0.000	350.000	-
Total Quantity					350 Sqm (Sqm)		350 Sqm (Square Meter)	
Amount				350 X 635.028			222259.80	
Total Amount							514648.05	
Addition								
Provision for Contingency (+) @							5146.48	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							5205.00	
Provision for survey investigation and quality control (+) @								

Total Addition	15351.48
Grand Net Total Amount	529999.53

ACHYUTANANDA MUDULI
JE
Gosani Block

SASMITA KUMARI JENA
AEE
Gosani Block

GOURA CHANDRA PATNAIK
BDO
Gosani Block