

Detailed Estimate

OD/353/3357/117451/414699/00067645 : Construction of paver block road from j.tarakeswar house to A.apparao house

Block : Gosani, Gram Panchayat : Machamara

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 dressing / levelling the uneven surface	1.000	70.000	3.500	0.100	0.000	24.500	-
ii	cutt of wall	2.000	70.000	0.450	0.300	0.000	18.900	-
Total Quantity					43.4 cum (cum)		43.4 Cum (Cubic Meter)	
Amount					43.4 X 240.77592		10449.67	
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 Sub base Preparation /Filling	1.000	70.000	3.500	0.100	0.000	24.500	-
Total Quantity					24.5 cum (cum)		24.5 Cum (Cubic Meter)	
Amount					24.5 X 1381.8212486784		33854.62	
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	Cutt off wall	2.000	65.000	0.250	0.300	0.000	9.750	-
Total Quantity					9.75 cum (cum)		9.75 Cum (Cubic Meter)	
Amount					9.75 X 5524.33914922		53862.31	

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	Paver block Packing on cutoff wall top	2.000	65.000	0.250	0.080	0.000	2.600	-
Total Quantity					2.6 cum (cum)		2.6 Cum (Cubic Meter)	
Amount					2.6 X 7037.21177814		18296.75	

5. Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed

Filling foundation and plinth with crusher dust 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	70.000	3.500	0.100	0.000	24.500	-
Total Quantity					24.5 cum (cum)		24.5 Cum (Cubic Meter)	
Amount					24.5 X 821.931132		20137.31	

6. 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
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i	Road	1.000	70.000	3.500	0.050	0.000	12.250	-
Total Quantity					12.25 cum (cum)		12.25 Cum (Cubic Meter)	
Amount					12.25 X 954.150232		11688.34	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutt off wall	2.000	69.000	0.300	0.000	0.000	41.400	-
ii		2.000	69.000	0.300	0.000	0.000	41.400	-
Total Quantity					82.8 Sqm (Sqm)		82.8 Sqm (Square Meter)	
Amount					82.8 X 216.23489289764		17904.25	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	69.000	3.500	0.000	0.000	241.500	-
Total Quantity					241.5 Sqm (Sqm)		241.5 Sqm (Square Meter)	
Amount					241.5 X 635.028		153359.26	
Total Amount							319552.52	
Addition								
Provision for Contingency (+) @							3195.53	
Display Citizen Board (+) @							5000.00	

Any Other Lumpsum (+) @	2251.00
Provision for survey investigation and quality control (+) @	
Total Addition	10446.53
Grand Net Total Amount	329999.04

ACHYUTANANDA MUDULI
JE
Gosani Block

SASMITA KUMARI JENA
AEE
Gosani Block

GOURA CHANDRA PATNAIK
BDO
Gosani Block