

Detailed Estimate

OD/354/3372/117731/412907/00068640 : Construction of Paver Block road near Udayanatheswar at Badapada at

Chasa Nimakhandi

Block : Digapahandi, Gram Panchayat : Chasa Nimakhandi

Created By: SUNAYANA PANIGRAHI

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	Levelling	1.000	24.000	9.000	0.200	0.000	43.200	-
ii	Levelling	1.000	9.000	6.600	0.200	0.000	11.880	-
iii	Guard Wall	1.000	24.300	0.300	0.450	0.000	3.281	-
iv	Guard Wall	1.000	24.300	0.230	0.450	0.000	2.515	-
v	Guard Wall	2.000	6.900	0.300	0.450	0.000	1.863	-
vi	Guard Wall	2.000	9.000	0.300	0.450	0.000	2.430	-
Total Quantity					65.16855 cum (cum)		65.16855 Cum (Cubic Meter)	
Amount					65.16855 X 240.77592		15691.02	
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	Guard Wall	1.000	24.300	0.300	0.150	0.000	1.094	-
ii	Guard Wall	1.000	24.300	0.230	0.150	0.000	0.838	-
iii	Guard Wall	2.000	6.900	0.300	0.150	0.000	0.621	-

iv	Guard Wall	2.000	9.000	0.300	0.150	0.000	0.810	-
v	Road	1.000	24.000	9.000	0.100	0.000	21.600	-
vi	Road	1.000	9.000	6.600	0.100	0.000	5.940	-
Total Quantity					30.90285 cum (cum)		30.90285 Cum (Cubic Meter)	
Amount					30.90285 X 771.107932		23829.43	

3. 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	Guard Wall	2.000	2.000	24.300	0.750	0.000	72.900	-
ii	Guard Wall	2.000	2.000	6.900	0.900	0.000	24.840	-
iii	Guard Wall	2.000	2.000	9.000	0.750	0.000	27.000	-
iv	Road	1.000	1.000	6.900	0.100	0.000	0.690	-
v	Road	1.000	1.000	9.600	0.100	0.000	0.960	-
Total Quantity					126.39 Sqm (Sqm)		126.39 Sqm (Square Meter)	
Amount					126.39 X 216.23489289764		27329.93	

4. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard Wall	1.000	24.300	0.300	0.750	0.000	5.468	-
ii	Guard Wall	1.000	24.300	0.230	0.750	0.000	4.192	-

iii	Guard Wall	2.000	6.900	0.300	0.900	0.000	3.726	-
iv	Guard Wall	2.000	9.000	0.300	0.900	0.000	4.860	-
v	Road	1.000	24.000	9.000	0.100	0.000	21.600	-
vi	Road	1.000	9.000	6.600	0.100	0.000	5.940	-
Total Quantity					45.78525 cum (cum)		45.78525 Cum (Cubic Meter)	
Amount					45.78525 X 5362.59377992		245527.70	
5. 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	Road	1.000	6.900	9.600	0.100	0.000	6.624	-
Total Quantity					6.624 cum (cum)		6.624 Cum (Cubic Meter)	
Amount					6.624 X 7097.78641704		47015.74	
6. 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	24.000	8.800	1.000	0.000	211.200	-
Total Quantity					211.2 Sqm (Sqm)		211.2 Sqm (Square Meter)	
Amount					211.2 X 629.5911		132969.64	
Total Amount							492363.45	
Addition								

Provision for Contingency (+) @	4923.63
Display Citizen Board (+) @	2500.00
Any Other Lumpsum (+) @	212.00
Provision for survey investigation and quality control (+) @	
Total Addition	7635.63
Grand Net Total Amount	499999.09

SUNAYANA PANIGRAHI
JE
Digapahandi Block

ASHOK KUMAR SATAPATHY
AEE
Digapahandi Block

ANAMIKA PANDEY
BDO
Digapahandi Block