

Detailed Estimate

OD/358/3419/118822/422637/00102716 : Constuction of CC road from Ainlapali Jaganath Jubak sangh to Satya Sai mandir

Block : Madanpur Rampur, Gram Panchayat : Saidalanga

Created By: JE BEPARI

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	side cutoff	2.000	78.060	0.230	0.230	0.000	8.259	-
ii	end cutoff	2.000	3.190	0.230	0.230	0.000	0.338	-
Total Quantity						8.59625 cum (cum)	8.59625 Cum (Cubic Meter)	
Amount						8.59625 X 240.77592	2069.77	
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	side cutoff	2.000	78.060	0.230	0.080	0.000	2.873	-
ii	end cutoff	2.000	3.190	0.200	0.080	0.000	0.102	-
iii	bed	1.000	78.060	3.190	0.100	0.000	24.901	-
Total Quantity						27.875828 cum (cum)	27.875828 Cum (Cubic Meter)	
Amount						27.875828 X 492.176232	13719.82	
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								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	side cutoff	2.000	77.050	0.000	0.200	0.000	30.820	-
ii	end cutoff	2.000	3.650	0.000	0.200	0.000	1.460	-
Total Quantity					32.28 Sqm (Sqm)		32.28 Sqm (Square Meter)	
Amount					32.28 X 216.39264180804		6985.15	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	side cutoff	2.000	78.060	0.150	0.130	0.000	3.044	-
ii	end cutoff	2.000	3.190	0.230	0.130	0.000	0.191	-
iii	bed	1.000	78.060	3.650	0.100	0.000	28.492	-
Total Quantity					31.727002 cum (cum)		31.727002 Cum (Cubic Meter)	
Amount					31.727002 X 5230.04342416		165933.60	

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	bed	1.000	78.060	3.650	0.100	0.000	28.492	-
Total Quantity					28.4919 cum (cum)		28.4919 Cum (Cubic Meter)	
Amount					28.4919 X 6959.39266992		198286.32	

Total Amount (A) : 386994.66

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.8000	-	8000
2	Display Citizen Board @ Rs.5000	-	5000
Additional Components Amount (F) : 13000			
Grand Total Amount (A + F) : 399994.66265929			

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