

Detailed Estimate

OD/363/3475/119858/428854/00069415 : Const. of Paver block road at Siriguda

Block : Laxmipur, Gram Panchayat : Goudaguda

Created By: GIRIJA SANKAR PATI

1. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	bed	1.000	74.000	3.100	0.075	0.000	17.205	-
Total Quantity					17.205 cum (cum)		17.205 Cum (Cubic Meter)	
Amount					17.205 X 1066.159232		18343.27	
2. 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	wall b/s	2.000	74.000	0.000	0.100	2.000	29.600	-
Total Quantity					29.6 Sqm (Sqm)		29.6 Sqm (Square Meter)	
Amount					29.6 X 216.23489289764		6400.55	
3. 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	cutoff	2.000	74.000	0.300	0.150	0.000	6.660	-
ii	cr. cutoff	2.000	3.000	0.300	0.150	0.000	0.270	-

Total Quantity		6.93 cum (cum)		6.93 Cum (Cubic Meter)				
Amount		6.93 X 5942.5385453		41181.79				
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	both side wall	2.000	74.000	0.200	0.100	0.000	2.960	-
ii	CROSS APPROACH	2.000	3.600	0.300	0.070	0.000	0.151	-
Total Quantity		3.1112 cum (cum)		3.1112 Cum (Cubic Meter)				
Amount		3.1112 X 7158.4250051		22271.29				
5. Earth Work (AR0103aa) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m								
Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	bed level	1.000	74.000	3.600	0.150	0.000	39.960	-
ii	cutoff	2.000	74.000	0.300	0.150	0.000	6.660	-
iii	cr. cutoff	2.000	3.000	0.300	0.150	0.000	0.270	-
Total Quantity		46.89 cum (cum)		46.89 Cum (Cubic Meter)				
Amount		46.89 X 375.4984464		17607.12				
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	bed	1.000	74.000	3.200	0.000	0.000	236.800	-
Total Quantity					236.8 Sqm (Sqm)		236.8 Sqm (Square Meter)	
Amount					236.8 X 638.355		151162.46	
Total Amount							256966.49	
Addition								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							35033.50	
Provision for survey investigation and quality control (+) @								
Total Addition							43033.50	
Grand Net Total Amount							299999.99	

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