

Detailed Estimate

OD/353/3357/117439/414688/00014039 : Improvement of Road & Culvert from RD road to Godagala Tank at Badakatturu village/GP

Block : Gosani, Panchayat : Badakathuru

Created By: BIRAJA PRASAD PANDA

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	26.000	0.300	0.300	0.000	4.680	-
ii	Lavelling	1.000	26.000	3.050	0.150	0.000	11.895	-
Total Quantity					16.575 cum (cum)		16.575 Cum (Cubic Meter)	
Amount					16.575 X 196.3036		3253.73	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	26.000	0.300	0.150	0.000	2.340	-
Total Quantity					2.34 cum (cum)		2.34 Cum (Cubic Meter)	
Amount					2.34 X 755.648872		1768.22	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	26.000	0.300	0.300	0.000	4.680	-
Total Quantity					4.68 cum (cum)		4.68 Cum (Cubic Meter)	
Amount					4.68 X 4717.73045048		22078.98	
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 specifaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	26.000	0.300	0.150	0.000	2.340	-
Total Quantity					2.34 cum (cum)		2.34 Cum (Cubic Meter)	
Amount					2.34 X 5949.08359376		13920.86	

5. 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		1.000	26.000	3.050	0.000	0.000	79.300	-
Total Quantity					79.3 Sqm (Sqm)		79.3 Sqm (Square Meter)	
Amount					79.3 X 629.169		49893.10	
Total Amount							90914.89	

Addition

Provision for Contingency (+) @							909.15	
Display Citizen Board (+) @							2500.00	
Any Other Lumpsum (+) @							4820.00	
Total Addition							8229.15	
Grand Net Total Amount							99144.04	