

Detailed Estimate

OD/359/3429/118976/416466/00069077 : improvement of road from Boudipada sejamaha chaka to jujuripada
Block : Phiringia, Gram Panchayat : Taladandikia
Created By: LINMAYA SWAIN

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									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	cut off	2.000	230.000	0.830	0.830	0.000	316.894	-	
ii	locking	2.000	12.000	0.830	0.830	0.000	16.534	-	
iii	bed levelling	1.000	230.000	12.000	0.500	0.000	1380.000	-	
Total Quantity					1713.4276 Cft (Cubic Foot)		48.5187866368 Cum (Cubic Meter)		
Amount					48.5187866368 X 240.77592		11682.16		
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	230.000	0.830	0.160	0.000	61.088	-	
ii	bed	1.000	230.000	10.500	0.250	0.000	603.750	-	
iii	locking	2.000	12.000	0.830	0.160	0.000	3.187	-	
Total Quantity					668.0252 Cft (Cubic Foot)		18.91633598336 Cum (Cubic Meter)		
Amount					18.91633598336 X 710.800832		13445.75		
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	cut off	2.000	230.000	0.830	1.160	0.000	442.888	-
ii	locking	2.000	12.000	0.830	1.160	0.000	23.107	-
Total Quantity					465.9952 Cft (Cubic Foot)		13.19549287936 Cum (Cubic Meter)	
Amount					13.19549287936 X 5509.65619544		72702.63	

4. 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	230.000	10.500	0.000	0.000	2415.000	-
Total Quantity					2415 Sft (Square Foot)		224.360745 Sqm (Square Meter)	
Amount					224.360745 X 627.7998		140853.63	
Total Amount							238684.16	

Addition

Provision for Contingency (+) @							2500.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							3814.00	
Provision for survey investigation and quality control (+) @								
Total Addition							11314.00	
Grand Net Total Amount							249998.16	

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