

Detailed Estimate

OD/363/3471/119809/429995/00068767 : Construction of Paver Block Road at Paraja Street Mathalput
Block : Koraput, Gram Panchayat : Mathalput
Created By:SWARNAPRAVA MOHANTY

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	cutoff	2.000	110.000	0.300	0.300	1.000	19.800	-
ii	base	1.000	110.000	3.000	0.075	1.000	24.750	-
Total Quantity					44.55 cum (cum)		44.55 Cum (Cubic Meter)	
Amount					44.55 X 240.77592		10726.57	
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	cutoff	2.000	110.000	0.300	0.050	1.000	3.300	-
ii	basef	1.000	110.000	3.000	0.070	1.000	23.100	-
Total Quantity					26.4 cum (cum)		26.4 Cum (Cubic Meter)	
Amount					26.4 X 1012.932232		26741.41	
3. 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	cutoff	2.000	110.000	0.300	0.300	1.000	19.800	-
ii	side cutoff	2.000	3.000	0.250	0.200	1.000	0.300	-
Total Quantity					20.1 cum (cum)		20.1 Cum (Cubic Meter)	
Amount					20.1 X 7092.7568756		142564.41	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	r	1.000	19.100	2.900	1.000	1.000	55.390	-
ii	r	1.000	10.200	1.276	1.000	1.000	13.015	-
iii	r	1.000	11.000	1.800	1.000	1.000	19.800	-
iv	r	1.000	11.250	1.725	1.000	1.000	19.406	-
v	r	1.000	12.000	2.600	1.000	1.000	31.200	-
vi	r	1.000	15.800	2.960	1.000	1.000	46.768	-
vii	r	1.000	6.900	3.550	1.000	1.000	24.495	-
viii	r	1.000	2.900	1.200	1.000	1.000	3.480	-
ix	r	1.000	1.900	0.600	1.000	1.000	1.140	-
x	r	1.000	5.900	1.100	1.000	1.000	6.490	-
xi	r	1.000	14.100	1.200	1.000	1.000	16.920	-
Total Quantity					238.10445 Sqm (Sqm)		238.10445 Sqm (Square Meter)	
Amount					238.10445 X 636.774		151618.72	
5. 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	cutoff	2.000	110.000	0.280	1.000	1.000	61.600	-
Total Quantity					61.6 Sqm (Sqm)		61.6 Sqm (Square Meter)	
Amount					61.6 X 216.23489289764		13320.07	
Total Amount							344971.18	
Addition								
Provision for Contingency (+) @							3800.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							26228.00	
Provision for survey investigation and quality control (+) @								
Total Addition							35028.00	
Grand Net Total Amount							379999.18	

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