

Detailed Estimate

OD/363/3478/119910/00076806 : Construction of CC and Payer block road at Phulguda

Block : Pottangi, Gram Panchayat : Sambai

Created By: PRASANNA GARADA

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	cutoff wall	2.000	61.000	0.200	0.300	0.000	7.320	-
ii	C.C Road leveling	1.000	61.000	3.000	0.150	0.000	27.450	-
Total Quantity					34.77 cum (cum)		34.77 Cum (Cubic Meter)	
Amount					34.77 X 240.77592		8371.78	
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	cutoff wall	2.000	61.000	0.200	0.050	0.000	1.220	-
ii	Road base	1.000	61.000	3.000	0.050	0.000	9.150	-
Total Quantity					10.37 cum (cum)		10.37 Cum (Cubic Meter)	
Amount					10.37 X 1320.275232		13691.25	
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	C.C Road	1.000	61.000	4.000	0.100	0.000	24.400	-
Total Quantity					24.4 cum (cum)		24.4 Cum (Cubic Meter)	
Amount					24.4 X 6043.47109144		147460.69	
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	pave block	1.000	61.000	4.000	0.000	0.000	244.000	-
Total Quantity					244 Sqm (Sqm)		244 Sqm (Square Meter)	
Amount					244 X 635.67		155103.48	
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	CUTOFF WALL	2.000	61.000	0.200	0.300	0.000	7.320	-
ii	C.C Road wearing coat	1.000	61.000	4.000	0.050	0.000	12.200	-
Total Quantity					19.52 cum (cum)		19.52 Cum (Cubic Meter)	
Amount					19.52 X 7532.59689528		147036.29	
6. 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 wall	2.000	61.000	0.000	0.350	0.000	42.700	-
ii	c.c road side	2.000	61.000	0.000	0.350	0.000	42.700	-
Total Quantity					85.4 Sqm (Sqm)		85.4 Sqm (Square Meter)	
Amount					85.4 X 217.49688418084		18574.23	
Total Amount							490237.73	
Addition								
Provision for Contingency (+) @							4900.00	
Display Citizen Board (+) @							4000.00	
Any Other Lumpsum (+) @							862.00	
Provision for survey investigation and quality control (+) @								
Total Addition							9762.00	
Grand Net Total Amount							499999.73	

PRASANNA GARADA
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Pottangi Block

ER TOPHAN KUMAR NAYAK
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Pottangi Block

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BDO
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