

Detailed Estimate

OD/365/3506/120339/389102/00063179 : Const. of C.C. road from main road to Goura Singh house at Rangamatia
Block : Samakhunta, Gram Panchayat : Rangamatia
Created By: SUSHANTA PANDUA

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	Cut off	2.000	55.600	0.225	0.250	0.000	6.255	-
ii	Road	1.000	55.600	2.550	0.100	0.000	14.178	-
Total Quantity					20.433 cum (cum)		20.433 Cum (Cubic Meter)	
Amount					20.433 X 240.77592		4919.77	
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	55.600	0.225	0.050	0.000	1.251	-
ii	Road	1.000	55.600	2.550	0.100	0.000	14.178	-
Total Quantity					15.429 cum (cum)		15.429 Cum (Cubic Meter)	
Amount					15.429 X 1044.232132		16111.46	
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	Cutoff	2.000	55.600	0.225	0.200	0.000	5.004	-
ii	Road	1.000	55.600	3.000	0.100	0.000	16.680	-
Total Quantity					21.684 cum (cum)		21.684 Cum (Cubic Meter)	
Amount					21.684 X 6313.0432588		136892.03	
4. Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1 cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	55.600	3.000	0.080	0.000	13.344	-
Total Quantity					13.344 cum (cum)		13.344 Cum (Cubic Meter)	
Amount					13.344 X 7549.2693006		100737.45	
5. R.C.C. Work (AR0410f) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting								
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 in ground floor R.C.C. walls and fins including attached pilasters								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	55.600	0.000	0.175	0.000	19.460	-
Total Quantity					19.46 Sqm (Sqm)		19.46 Sqm (Square Meter)	
Amount					19.46 X 934.78613583205		18190.94	
6. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings,balconies, projecting sun shades and chajjas								
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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain slab	1.000	3.300	0.300	0.000	0.000	0.990	-

ii	side	2.000	3.300	0.100	0.000	0.000	0.660	-
iii	side	2.000	1.000	0.100	0.000	0.000	0.200	-
Total Quantity					1.85 Sqm (Sqm)		1.85 Sqm (Square Meter)	
Amount					1.85 X 663.29946175911		1227.10	
7. R.C.C. Work (AR0404B) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips.(Nominal mix as per IS-456, Table-9).								
R.C.C. work of M-20 grade with 20mm & downgrade size black hard crusher broken granite 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 and as per direction of Engineer-in charge(Nominal mix as per IS-456, Table-9).								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	3.300	1.000	0.100	0.000	0.000	0.330	-
Total Quantity					0.33 cum (cum)		0.33 Cum (Cubic Meter)	
Amount					0.33 X 6553.993128676		2162.82	
8. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position								
Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut pic slab	0.300	0.000	0.000	0.000	0.000	0.300	-
Total Quantity					0.3 Qntl (Quintal)		0.3 Qntl (Quintal)	
Amount					0.3 X 8416.2696929		2524.88	
Total Amount							282766.45	
Addition								
Provision for Contingency (+) @							2970.00	
Display Citizen Board (+) @							4000.00	

Any Other Lumpsum (+) @	7263.50
Provision for survey investigation and quality control (+) @	
Total Addition	14233.50
Grand Net Total Amount	296999.95

SUSHANTA PANDUA
JE
Samakhunta Block

SUVENDU NAIK
AEE
Samakhunta Block

MUNA SETHI
BDO
Samakhunta Block