

Detailed Estimate

OD/366/3520/120543/427281/00117520 : Imp of Road from Kamaradihi to Gamirdihi

Block : Raighar, Gram Panchayat : Khuduku

Created By: SUKANTA MEHER

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	A/W	2.000	7.500	0.900	0.900	1.000	12.150	-
ii	W/W	4.000	2.000	0.900	0.900	1.000	6.480	-
iii	Cut off	2.000	1.500	0.500	0.900	1.000	1.350	-
iv	Bed	1.000	6.500	1.500	0.300	1.000	2.925	-
Total Quantity						22.905 cum (cum)	22.905 Cum (Cubic Meter)	
Amount						22.905 X 240.77592	5514.97	
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	A/W	2.000	7.500	0.900	0.100	1.000	1.350	-
ii	W/W	4.000	2.000	0.900	0.100	1.000	0.720	-
iii	Cut off	2.000	1.500	0.500	0.100	1.000	0.150	-
iv	Bed	1.000	6.500	1.500	0.100	1.000	0.975	-
Total Quantity						3.195 cum (cum)	3.195 Cum (Cubic Meter)	
Amount						3.195 X 854.362232	2729.69	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	A/W base	2.000	7.500	0.900	0.200	1.000	2.700	-	
ii	Wall	2.000	7.500	0.675	1.500	1.000	15.188	-	
iii	W/W base	4.000	2.000	0.900	0.200	1.000	1.440	-	
iv	Wall	4.000	2.225	0.675	1.800	1.000	10.814	-	
v	Cut off	1.000	1.500	0.500	0.750	1.000	0.563	-	
vi	Bed	1.000	6.500	1.500	0.150	1.000	1.463	-	
vii	Parapet	2.000	2.400	0.300	0.300	1.000	0.432	-	
Total Quantity							32.598 cum (cum)	32.598 Cum (Cubic Meter)	
Amount							32.598 X 5233.1462088	170590.10	

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 specificaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Bed	1.000	7.500	1.500	0.050	1.000	0.563	-	
Total Quantity							0.5625 cum (cum)	0.5625 Cum (Cubic Meter)	
Amount							0.5625 X 7487.9301826	4211.96	

5. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade 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. (excluding centring and shuttering)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Deck Slab	1.000	7.500	2.400	0.300	1.000	5.400	-	
Total Quantity							5.4 cum (cum)	5.4 Cum (Cubic Meter)	

Amount						5.4 X 6209.996200496	33533.98	
6. 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	Slab	1.000	5.220	0.000	0.000	1.000	5.220	-
Total Quantity					5.22 Qntl (Quintal)		5.22 Qntl (Quintal)	
Amount						5.22 X 8424.4344723	43975.55	
7. 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	A/W	2.000	7.500	0.000	1.500	2.000	45.000	-
ii	S/W	4.000	2.225	0.000	1.800	2.000	32.040	-
iii	Parapet	2.000	2.400	0.000	0.300	2.000	2.880	-
Total Quantity					79.92 Sqm (Sqm)		79.92 Sqm (Square Meter)	
Amount						79.92 X 216.39264180804	17294.10	
8. 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	Deck slab	1.000	7.500	1.500	0.000	1.000	11.250	-
ii	Side	1.000	7.500	0.000	0.300	2.000	4.500	-
iii	Side	1.000	2.400	0.000	0.300	2.000	1.440	-

Total Quantity	17.19 Sqm (Sqm)	17.19 Sqm (Square Meter)
Amount	17.19 X 663.29946175911	11402.12

9. Earth Work (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift

Earth work in all kinds of 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 direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Approach	1.000	7.500	6.500	0.450	2.000	43.875	-
Total Quantity							43.875 cum (cum)	43.875 Cum (Cubic Meter)
Amount							43.875 X 220.96043508	9694.64

10. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR

Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	On road surface	1.000	250.000	3.600	0.100	2.000	180.000	-
Total Quantity							180 cum (cum)	180 Cum (Cubic Meter)
Amount							180 X 1071.0838406784	192795.09

Total Amount (A) : 491742.20

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.5000	-	5000
2	Display Citizen Board @ Rs.3257.8	-	3257.8

Additional Components Amount (F) : 8257.8

Grand Total Amount (A + F) : 499999.99614128

SUKANTA MEHER
JE
Raighar Block

SIDDHARTH SHANKAR RANA
AEE
Raighar Block

RITU SINGH
BDO
Raighar Block