

Detailed Estimate

OD/346/3301/116130/392337/00018270 : Imp.of Road with CC/ Gr-II Metalling from Laxman Patra House to ME school at Chasipada

Block : Basta, Gram Panchayat : Natakata

Created By: MAINO MARANDI

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		1.000	20.000	5.000	1.000	0.000	100.000	-
Total Quantity					100 Cft (Cubic Foot)		2.83168 Cum (Cubic Meter)	
Amount					2.83168 X 240.77592		681.80	
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		1.000	20.000	5.000	0.330	0.000	33.000	-
ii	front	1.000	20.000	15.000	3.250	0.000	975.000	-
iii	side	1.000	10.000	10.000	3.000	0.000	300.000	-
Total Quantity					1308 Cft (Cubic Foot)		37.0383744 Cum (Cubic Meter)	
Amount					37.0383744 X 1151.302232		42642.36	
3. R.C.C. Work (AR0404Aa) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	bed	1.000	20.000	5.000	1.000	0.000	100.000	-
ii	wall	2.000	20.000	1.000	2.500	0.000	100.000	-
iii	slab	1.000	14.000	4.830	0.500	0.000	33.810	-
Total Quantity					233.81 Cft (Cubic Foot)		6.620751008 Cum (Cubic Meter)	
Amount					6.620751008 X 7169.7999412967		47469.46	

4. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.890	0.000	0.000	0.000	0.000	2.890	-
Total Quantity					2.89 Qntl (Quintal)		2.89 Qntl (Quintal)	
Amount					2.89 X 8632.0992593		24946.77	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	20.000	2.000	2.500	0.000	200.000	-
ii	slab	1.000	14.000	2.830	1.000	0.000	39.620	-
iii	side	2.000	15.000	1.000	0.330	0.000	9.900	-

iv	side	2.000	15.000	1.000	0.660	0.000	19.800	-
Total Quantity					269.32 Sft (Square Foot)		25.02063596 Sqm (Square Meter)	
Amount					25.02063596 X 216.23489289764		5410.33	
6. 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	front	1.000	20.000	15.000	0.330	0.000	99.000	-
ii	side	2.000	15.000	1.000	2.000	0.000	60.000	-
iii	side	1.000	20.000	0.830	1.000	0.000	16.600	-
Total Quantity					175.6 Cft (Cubic Foot)		4.97243008 Cum (Cubic Meter)	
Amount					4.97243008 X 6722.51104126		33427.22	
7. 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	front	1.000	20.000	15.000	0.330	0.000	99.000	-
ii		1.000	10.000	5.000	0.330	0.000	16.500	-
Total Quantity					115.5 Cft (Cubic Foot)		3.2705904 Cum (Cubic Meter)	
Amount					3.2705904 X 8129.28472962		26587.56	
Total Amount							181165.50	

Addition	
Provision for Contingency (+) @	1860.00
Display Citizen Board (+) @	1500.00
Any Other Lumpsum (+) @	1474.00
Provision for survey investigation and quality control (+) @	
Total Addition	4834.00
Grand Net Total Amount	185999.50

MAINO MARANDI
JE
Basta Block

BIKRAM KUMAR JENA
AEE
Basta Block

Mihir Ranjan Behera
BDO
Basta Block