

Detailed Estimate

OD/370/3555/121236/427073/00075484 : Construction of C.C road from Village to Smasan

Ghat, Jaripanga, Tembaguda

Block : Padmapur, Gram Panchayat : Tembaguda

Created By: ANSUMALI SAHOO

1. Earth Work (AR0102b) : Earth work in hard soil or gravelly soil in embankment, roads etc. within 50m initial lead and 1.5m initial lift and Compaction with P.R.R

Earth work in hard soil or gravelly soil in embankment, roads etc. 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 specification approved by the Department alongwith proper compaction with P.R.R. including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill) as per direction of Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Levelling	1.000	60.500	3.600	0.100	0.000	21.780	-
ii	Cut off	2.000	60.500	0.300	0.300	0.000	10.890	-
iii	Cross Cut off	2.000	3.000	0.300	0.300	0.000	0.540	-
Total Quantity					33.21 cum (cum)		33.21 Cum (Cubic Meter)	
Amount					33.21 X 208.2172638579		6914.90	

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	Cut off	2.000	60.500	0.300	0.100	0.000	3.630	-
ii	Cross Cut off	2.000	3.000	0.300	0.100	0.000	0.180	-
iii	Road	1.000	59.900	3.000	0.100	0.000	17.970	-
Total Quantity					21.78 cum (cum)		21.78 Cum (Cubic Meter)	
Amount					21.78 X 789.621232		17197.95	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	60.500	0.300	0.300	0.000	10.890	-
ii	Cross Cut off	2.000	3.000	0.300	0.300	0.000	0.540	-
iii	Road	1.000	59.900	3.000	0.100	0.000	17.970	-
Total Quantity					29.4 cum (cum)		29.4 Cum (Cubic Meter)	
Amount					29.4 X 5180.94105812		152319.67	

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 specification and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	60.500	3.600	0.075	0.000	16.335	-
Total Quantity					16.335 cum (cum)		16.335 Cum (Cubic Meter)	
Amount					16.335 X 6913.48216244		112931.73	

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	Road	2.000	60.500	0.000	0.170	0.000	20.570	-
Total Quantity					20.57 Sqm (Sqm)		20.57 Sqm (Square Meter)	
Amount					20.57 X 216.39264180804		4451.20	

Total Amount	293815.44
Addition	
Provision for Contingency (+) @	3000.00
Display Citizen Board (+) @	3184.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	6184.00
Grand Net Total Amount	299999.44

ANSUMALI SAHOO
JE
Padmapur Block

SIMANCHAL DASH
AEE
Padmapur Block

KURESH CHANDRA JANI
BDO
Padmapur Block