

Detailed Estimate

OD/351/3348/117222/382812/00079339 : IMPROVEMENT OF ROAD FROM BICHHANAPUR TO PALA

Block : Tileibani, Gram Panchayat : Badchhapal

Created By:GHANASHYAM SAHU

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	LEVELLING	1.000	6.700	3.650	0.900	0.000	22.010	-
ii	ABUTMENT WALL	2.000	6.700	1.200	1.200	0.000	19.296	-
iii	WING WALL	4.000	7.600	0.900	0.900	0.000	24.624	-
iv	CUT OFF	2.000	1.500	0.600	0.600	0.000	1.080	-
v	BED	1.000	6.700	1.200	0.300	0.000	2.412	-
Total Quantity					69.4215 cum (cum)		69.4215 Cum (Cubic Meter)	
Amount					69.4215 X 240.77592		16715.03	
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	ABUTMENT WALL	2.000	6.700	1.200	0.100	0.000	1.608	-
ii	WING WALL	4.000	7.600	0.900	0.100	0.000	2.736	-
iii	CUT OFF	2.000	1.500	0.600	0.100	0.000	0.180	-
iv	BED	1.000	6.700	1.200	0.100	0.000	0.804	-
Total Quantity					5.328 cum (cum)		5.328 Cum (Cubic Meter)	
Amount					5.328 X 433.101332		2307.56	

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	ABUTMENT WALL	2.000	6.700	1.200	0.150	0.000	2.412	-
ii		2.000	6.700	0.825	2.000	0.000	22.110	-
iii	WING WALL	4.000	7.600	0.900	0.150	0.000	4.104	-
iv		4.000	7.600	0.640	1.700	0.000	33.075	-
v	CUT OFF	2.000	1.500	0.450	0.600	0.000	0.810	-
vi	BED	1.000	6.700	1.200	0.150	0.000	1.206	-
vii	PARAPIT	2.000	2.100	0.380	0.450	0.000	0.718	-
Total Quantity					64.4354 cum (cum)		64.4354 Cum (Cubic Meter)	
Amount					64.4354 X 6031.65372986		388652.02	

4. R.C.C. Work (AR0404Ag) : 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 Roof slab, landing, balcony, sun shade)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	SLAB	1.000	6.700	2.100	0.250	0.000	3.518	-
Total Quantity					3.5175 cum (cum)		3.5175 Cum (Cubic Meter)	
Amount					3.5175 X 12797.362926189		45014.72	

5. 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	ms rod	3.700	0.000	0.000	0.000	0.000	3.700	-
Total Quantity					3.7 Qntl (Quintal)		3.7 Qntl (Quintal)	
Amount					3.7 X 9955.6250955		36835.81	

Total Amount (A) : 489525.15

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.5000	-	5000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.474	-	474
Additional Components Amount (F) : 10474			

Grand Total Amount (A + F) : 499999.14711842

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