

Detailed Estimate

OD/365/3490/120105/389222/00013466 : IMPROVEMENT OF ROAD FROM KHETRAPATNA CANAL TO MAJHIBABU
HOUSE AT KHETRAPATNA
Block : Baripada, Panchayat : Laxmiposi
Created By: BHIM CHARAN TUDU

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain wall	1.000	23.000	1.050	0.750	0.000	18.113	-
Total Quantity					18.1125 cum (cum)		18.1125 Cum (Cubic Meter)	
Amount					18.1125 X 196.3036		3555.55	
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	drain wall	1.000	23.000	1.050	0.150	0.000	3.623	-
Total Quantity					3.6225 cum (cum)		3.6225 Cum (Cubic Meter)	
Amount					3.6225 X 1201.755772		4353.36	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain	1.000	23.000	1.050	0.100	0.000	2.415	-
Total Quantity					2.415 cum (cum)		2.415 Cum (Cubic Meter)	
Amount					2.415 X 5857.47850872		14145.81	
4. 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 centering 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	drain bed	1.000	23.000	1.050	0.150	0.000	3.623	-
ii	side wall	1.000	23.000	0.225	0.750	0.000	3.881	-
iii	side wall	1.000	23.000	0.150	0.750	0.000	2.588	-
Total Quantity					10.09125 cum (cum)		10.09125 Cum (Cubic Meter)	
Amount					10.09125 X 6247.9017514265		63049.14	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ms rod	1.000	10.090	0.570	0.000	0.000	5.751	-
Total Quantity					5.7513 Qntl (Quintal)		5.7513 Qntl (Quintal)	
Amount					5.7513 X 7903.0956114		45453.07	

6. Earth Work (AR0114a) : Filling of foundation with escalated earth

Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	filling	1.000	18.110	1.000	1.000	0.000	18.110	-
Total Quantity					18.11 cum (cum)		18.11 Cum (Cubic Meter)	
Amount					18.11 X 130.86876232		2370.03	

Total Amount **132926.97**

Addition

Provision for Contingency (+) @ 1329.27

Display Citizen Board (+) @	2768.00
Any Other Lumpsum (+) @	
Total Addition	4097.27
Grand Net Total Amount	137024.24