

Detailed Estimate

OD/357/3404/118528/381136/00016321 : Improvement of Road from Patrapali to Old Patrapali
Block : Jharsuguda, Gram Panchayat : Patrapali
Created By:Rajesh Kumar Singh

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	road	1.000	56.200	3.650	0.150	0.000	30.770	-
ii	cut off	2.000	56.200	0.200	0.200	0.000	4.496	-
Total Quantity					35.2655 cum (cum)		35.2655 Cum (Cubic Meter)	
Amount					35.2655 X 200.6466		7075.90	
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	road	1.000	56.200	3.650	0.100	0.000	20.513	-
ii	cut off	2.000	56.200	0.200	0.050	0.000	1.124	-
iii	Deduct Cutoff	2.000	56.200	0.200	0.100	0.000	-	2.248
Total Quantity					19.389 cum (cum)		19.389 Cum (Cubic Meter)	
Amount					19.389 X 575.258832		11153.69	
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	road	1.000	56.200	3.650	0.150	0.000	30.770	-
ii	cut off	2.000	56.200	0.200	0.200	0.000	4.496	-

Total Quantity		35.2655 cum (cum)		35.2655 Cum (Cubic Meter)				
Amount		35.2655 X 5955.000299		210006.06				
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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	56.200	3.650	0.100	0.000	20.513	-
Total Quantity		20.513 cum (cum)		20.513 Cum (Cubic Meter)				
Amount		20.513 X 7472.384		153281.01				
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	road	2.000	56.200	0.000	0.300	0.000	33.720	-
Total Quantity		33.72 Sqm (Sqm)		33.72 Sqm (Square Meter)				
Amount		33.72 X 216.4557413722		7298.89				
6. Earth Work (AR0114) : Filling of foundation with escalated earth								
Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Back filling both side	2.000	56.200	0.450	0.300	0.000	15.174	-
Total Quantity		15.174 cum (cum)		15.174 Cum (Cubic Meter)				
Amount		15.174 X 99.54497784		1510.50				
Total Amount				390326.06				
Addition								
Provision for Contingency (+) @				4000.00				

Display Citizen Board (+) @	4500.00
Any Other Lumpsum (+) @	1173.00
Total Addition	9673.00
Grand Net Total Amount	399999.06