

Detailed Estimate

OD/353/3357/117453/414932/00013381 : Improvement of Road from Burujholi to Sanaburujholi icw MGNREGS

**Block : Gosani, Panchayat : Rampa
Created By: MAMATA KUMARI SWAIN**

1. Earth Work (AR0103a1) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m								
Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m 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 dept.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard wall	1.000	100.000	0.600	0.600	0.000	36.000	-
ii	Road levelling	1.000	130.000	3.650	0.300	0.000	142.350	-
iii	Drain Cutting	1.000	130.000	0.600	0.600	0.000	46.800	-
Total Quantity					225.15 cum (cum)		225.15 Cum (Cubic Meter)	
Amount					225.15 X 319.837912		72011.51	
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	Guard Wall	1.000	100.000	0.600	0.150	0.000	9.000	-
Total Quantity					9 cum (cum)		9 Cum (Cubic Meter)	
Amount					9 X 1125.056372		10125.51	
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	gUARD wALL	1.000	100.000	0.450	1.050	0.000	47.250	-
Total Quantity					47.25 cum (cum)		47.25 Cum (Cubic Meter)	

Amount						47.25 X 5360.79972298	253297.79	
4. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR								
Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road layer 1	1.000	130.000	3.650	0.150	0.000	71.175	-
ii	layer	1.000	130.000	3.650	0.100	0.000	47.450	-
Total Quantity					118.625 cum (cum)		118.625 Cum (Cubic Meter)	
Amount					118.625 X 1198.0086148975		142113.77	
5. Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam								
Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	130.000	3.650	0.150	0.000	71.175	-
Total Quantity					71.175 cum (cum)		71.175 Cum (Cubic Meter)	
Amount					71.175 X 2894.1777811111		205993.10	
Total Amount							683541.68	
Addition								
Provision for Contingency (+) @							6835.42	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							4622.00	
Total Addition							16457.42	
Grand Net Total Amount							699999.09	