

Detailed Estimate

OD/347/3315/116440/380504/00018598 : Imp. of Road with CC/ Grade-II Metalling from Banipali Panthei to Jira River
Block : Bheden, Gram Panchayat : Dalab
Created By:Nirakar Kandara

1. 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	sand filling at foundation & plinth	1.000	53.000	3.600	0.100	0.000	19.080	-
Total Quantity					19.08 cum (cum)		19.08 Cum (Cubic Meter)	
Amount					19.08 X 743.474332		14185.49	
2. 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	CC (1:3:6)	1.000	53.000	3.600	0.100	0.000	19.080	-
ii	cutoff wall	2.000	53.000	0.150	0.150	0.000	2.385	-
Total Quantity					21.465 cum (cum)		21.465 Cum (Cubic Meter)	
Amount					21.465 X 6037.84752052		129602.40	
3. 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	CC (1:2:4)	1.000	53.000	3.600	0.075	0.000	14.310	-
Total Quantity					14.31 cum (cum)		14.31 Cum (Cubic Meter)	
Amount					14.31 X 7622.64889524		109080.11	

4. 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Earth work in foundation	1.000	53.000	3.600	0.250	0.000	47.700	-
Total Quantity					47.7 cum (cum)		47.7 Cum (Cubic Meter)	
Amount					47.7 X 240.77592		11485.01	

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	cutoff wall	4.000	53.000	0.150	0.000	0.000	31.800	-
ii	road both side	2.000	53.000	0.200	0.000	0.000	21.200	-
Total Quantity					53 Sqm (Sqm)		53 Sqm (Square Meter)	
Amount					53 X 216.70813962884		11485.53	

6. 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	Berm filling	2.000	53.000	0.600	0.300	0.000	19.080	-
ii	1/6th deduction for voids	3.180	0.000	0.000	0.000	0.000	-	3.180
Total Quantity					15.9 cum (cum)		15.9 Cum (Cubic Meter)	
Amount					15.9 X 1174.1329286784		18668.71	
Total Amount							294507.25	

Addition

Provision for Contingency (+) @	3000.00
Display Citizen Board (+) @	2490.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	5490.00
Grand Net Total Amount	299997.25