

Detailed Estimate

OD/347/3315/116445/380585/00018603 : Imp. of Road with CC/ Grade-II Metalling from Mehena Harijanpada to UP School

Block : Bheden, Gram Panchayat : Mahulpali

Created By: Nirakar Kandara

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	Road Bed	1.000	32.000	4.000	0.150	0.000	19.200	-
ii	road Bed	1.000	14.000	4.700	0.150	0.000	9.870	-
iii	Road Bed	1.000	15.000	2.000	0.150	0.000	4.500	-
iv	road Bed	1.000	9.000	2.750	0.150	0.000	3.713	-
v	cutoff wall	1.000	50.000	0.200	0.150	0.000	1.500	-
Total Quantity					38.7825 cum (cum)		38.7825 Cum (Cubic Meter)	
Amount					38.7825 X 240.77592		9337.89	
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	Road Bed	1.000	32.000	4.000	0.100	0.000	12.800	-
ii	Road Bed	1.000	14.000	4.700	0.100	0.000	6.580	-
iii	Road bed	1.000	15.000	2.000	0.100	0.000	3.000	-
iv	Road Bed	1.000	9.000	2.750	0.100	0.000	2.475	-
v	Cutoff wall	1.000	50.000	0.200	0.050	0.000	0.500	-

Total Quantity		25.355 cum (cum)		25.355 Cum (Cubic Meter)				
Amount		25.355 X 564.249832		14306.55				
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	Road bed	1.000	32.000	4.000	0.100	0.000	12.800	-
ii	road Bed	1.000	14.000	4.700	0.100	0.000	6.580	-
iii	road Bed	1.000	15.000	2.000	0.100	0.000	3.000	-
iv	road Bed	1.000	9.000	2.750	0.100	0.000	2.475	-
v	cutoff wall	1.000	50.000	0.150	0.150	0.000	1.125	-
Total Quantity		25.98 cum (cum)		25.98 Cum (Cubic Meter)				
Amount		25.98 X 5291.00853512		137460.40				
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Wearing Coat	1.000	32.000	4.000	0.075	0.000	9.600	-
ii	Road Wearing Coat	1.000	14.000	4.700	0.075	0.000	4.935	-
iii	Road Wearing Coat	1.000	15.000	2.000	0.075	0.000	2.250	-
iv	Road Wearing Coat	1.000	9.000	2.750	0.075	0.000	1.856	-
Total Quantity		18.64125 cum (cum)		18.64125 Cum (Cubic Meter)				

Amount		18.64125 X 6824.76861044		127222.22				
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road Both Side	1.000	70.000	0.150	0.000	0.000	10.500	-
ii	cutoff wall	2.000	50.000	0.150	0.000	0.000	15.000	-
Total Quantity					25.5 Sqm (Sqm)		25.5 Sqm (Square Meter)	
Amount		25.5 X 216.55039071844		5522.03				
Total Amount		293849.10						
Addition								
Provision for Contingency (+) @		1150.00						
Display Citizen Board (+) @		5000.00						
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition		6150.00						
Grand Net Total Amount		299999.10						

Nirakar Kandara
JE
Bheden Block

Sunil Kumar Prusty
AEE
Bheden Block

KARNA SUNA
BDO
Bheden Block