

Detailed Estimate

OD/356/3397/118348/401382/00070958 : Const Of cement concrete Road From Rama Senapati House To Tarini Mandap

Block : Dharmasala, Gram Panchayat : Madhusudanpur

Created By:SWAPNIL BEHERA

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Culvert Bed	1.000	3.600	1.200	1.200	0.000	5.184	-
ii	Culvert Wall	2.000	2.500	0.600	1.200	0.000	3.600	-
iii	Wall	2.000	60.000	0.250	0.300	0.000	9.000	-
Total Quantity					17.784 cum (cum)		17.784 Cum (Cubic Meter)	
Amount					17.784 X 240.77592		4281.96	
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	Culvert Bed	1.000	3.600	1.200	0.150	0.000	0.648	-
ii	Culvert Wall	2.000	2.500	0.600	0.050	0.000	0.150	-
iii	Wall	2.000	60.000	0.250	0.050	0.000	1.500	-
iv	Bed	1.000	60.000	3.000	0.100	0.000	18.000	-
v	Back Filling	1.000	3.600	1.200	0.850	0.000	3.672	-
vi	Hume Pipe	1.000	3.600	0.000	0.160	0.000	-	0.576
Total Quantity					23.394 cum (cum)		23.394 Cum (Cubic Meter)	

Amount					23.394 X 721.547232	16879.88		
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	Culvert Bed	1.000	3.600	1.200	0.200	0.000	0.864	-
ii	culvert Wall	2.000	2.500	0.450	1.450	0.000	3.263	-
iii	Wall	2.000	60.000	0.250	0.300	0.000	9.000	-
iv	Road	1.000	62.500	3.500	0.100	0.000	21.875	-
v	hume Pipe	2.000	0.450	0.000	0.160	0.000	-	0.144
Total Quantity					34.8575 cum (cum)		34.8575 Cum (Cubic Meter)	
Amount					34.8575 X 5489.88248816		191363.58	
4. 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	Culvert Wall	4.000	2.500	0.000	1.450	0.000	14.500	-
ii	Wall	2.000	60.000	0.000	0.300	0.000	36.000	-
Total Quantity					50.5 Sqm (Sqm)		50.5 Sqm (Square Meter)	
Amount					50.5 X 216.39264180804		10927.83	
5. 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	1.000	62.500	3.500	0.100	0.000	21.875	-
Total Quantity					21.875 cum (cum)		21.875 Cum (Cubic Meter)	
Amount					21.875 X 7018.26233792		153524.49	
Total Amount							376977.73	
Addition								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							14022.26	
Provision for survey investigation and quality control (+) @								
Total Addition							23022.26	
Grand Net Total Amount							399999.99	

SWAPNIL BEHERA
JE
Dharmasala Block

LINGARAJ PANDA
AEE
Dharmasala Block

Jyotirmaya Kar
BDO
Dharmasala Block