

Detailed Estimate

OD/365/3487/120053/390376/00063631 : CONSTRUCTION OF CC ROAD FROM ANKAPURA ASTA CHHAKA TO PATI SINGH HOUSE

Block : Badasahi, Gram Panchayat : Manatri

Created By: SUSHIL KUMAR SING

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	cut off	2.000	45.500	0.250	0.250	0.000	5.688	-
ii	end cutoff	1.000	2.400	0.250	0.250	0.000	0.150	-
iii		1.000	2.400	0.250	0.250	0.000	0.150	-
Total Quantity					5.9875 cum (cum)		5.9875 Cum (Cubic Meter)	
Amount					5.9875 X 240.77592		1441.65	
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	cut off	2.000	45.500	0.250	0.050	0.000	1.138	-
ii	end cut off	2.000	2.400	0.250	0.050	0.000	0.060	-
iii		2.000	2.400	0.250	0.050	0.000	0.060	-
Total Quantity					1.2575 cum (cum)		1.2575 Cum (Cubic Meter)	
Amount					1.2575 X 1326.072632		1667.54	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	cut off	2.000	45.500	0.250	0.300	0.000	6.825	-
ii	end cutoff	2.000	2.400	0.250	0.300	0.000	0.360	-
iii		2.000	2.400	0.250	0.300	0.000	0.360	-
iv	road	1.000	5.000	3.000	0.100	0.000	1.500	-
Total Quantity					9.045 cum (cum)		9.045 Cum (Cubic Meter)	
Amount					9.045 X 6291.2503373		56904.36	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	45.500	0.000	0.100	0.000	9.100	-
ii	cutoff	2.000	2.400	0.000	0.100	0.000	0.480	-
iii	cut off out side	2.000	45.500	0.000	0.288	0.000	26.208	-
iv		1.000	2.900	0.000	0.288	0.000	0.835	-
v		1.000	2.900	0.000	0.288	0.000	0.835	-
Total Quantity					37.4584 Sqm (Sqm)		37.4584 Sqm (Square Meter)	
Amount					37.4584 X 216.55039071844		8111.63	

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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cc road	1.000	15.000	3.017	0.089	0.000	4.027	-
ii		1.000	15.000	3.083	0.089	0.000	4.116	-
iii		1.000	15.500	3.230	0.117	0.000	5.843	-
Total Quantity					13.986786408665 cum (cum)		13.986786408665 Cum (Cubic Meter)	
Amount					13.986786408665 X 8022.8943071		112214.51	
Total Amount							180339.68	
Addition								
Provision for Contingency (+) @							1865.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							1327.00	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							6192.00	
Grand Net Total Amount							186531.68	

SUSHIL KUMAR SING
JE
Badasahi Block

SEETA HANSDAH
AEE
Badasahi Block

BANAJA DAS
BDO
Badasahi Block