

Detailed Estimate

OD/369/3541/120990/409549/00066259 : CONSTRUCTION OF CC ROAD FROM TRILOCHANPUR MAHABIR TEMPLE
Block : Kanas, Gram Panchayat : Trilochanapur
Created By: JAGANNATH ROUT

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	CUTOFF	2.000	30.000	0.225	0.150	0.000	2.025	-
ii	CUT OFF	1.000	4.500	0.225	0.150	0.000	0.152	-
iii	PROTECTION WALL	1.000	6.600	0.800	0.600	0.000	3.168	-
Total Quantity					5.344875 cum (cum)		5.344875 Cum (Cubic Meter)	
Amount					5.344875 X 240.77592		1286.92	
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	CUT OFF	2.000	30.000	0.225	0.050	0.000	0.675	-
ii	CUT OFF	1.000	4.500	0.225	0.050	0.000	0.051	-
iii	BASE	2.000	30.000	3.370	0.075	0.000	15.165	-
iv	BASE	1.000	4.500	4.050	0.100	0.000	1.823	-
v	P W	1.000	6.600	0.800	0.100	0.000	0.528	-
Total Quantity					18.241125 cum (cum)		18.241125 Cum (Cubic Meter)	

Amount						18.241125 X 999.559832	18233.10	
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	CUTOFF	2.000	30.000	0.225	0.250	0.000	3.375	-
ii	CUT OFF	1.000	4.500	0.225	0.250	0.000	0.253	-
iii	PROTECTION WALL	1.000	6.600	0.800	0.100	0.000	0.528	-
iv	BASE	2.000	30.000	3.280	0.100	0.000	19.680	-
v	BASE	1.000	4.500	4.070	0.100	0.000	1.832	-
Total Quantity						25.667625 cum (cum)	25.667625 Cum (Cubic Meter)	
Amount						25.667625 X 5948.91782044	152694.59	
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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	BASE	2.000	30.000	3.500	0.075	0.000	15.750	-
ii	BASE	1.000	4.500	4.300	0.075	0.000	1.451	-
Total Quantity						17.20125 cum (cum)	17.20125 Cum (Cubic Meter)	
Amount						17.20125 X 7452.05616228	128184.68	
5. Masonry Stone Work (AR0717) : Laterite stone masonry								

Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	P W	1.000	6.600	0.500	0.800	0.000	2.640	-
Total Quantity					2.64 cum (cum)		2.64 Cum (Cubic Meter)	
Amount					2.64 X 5639.182266992		14887.44	

6. 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	1	1.000	64.500	0.175	0.000	0.000	11.288	-
Total Quantity					11.2875 Sqm (Sqm)		11.2875 Sqm (Square Meter)	
Amount					11.2875 X 216.39264180804		2442.53	

Total Amount 317729.26

Addition

Provision for Contingency (+) @							2477.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							7477.00	
Grand Net Total Amount							325206.26	

JE
Kanas Block

SASWAT KUMAR SENAPATI
AEE
Kanas Block

SOUMYA RANJAN SWAIN
BDO
Kanas Block