

Detailed Estimate

OD/363/3479/119922/429957/00070340 : Const. of CC road at Kumbharguda of Pitaguda GP

Block : Semiliguda, Gram Panchayat : Pitaguda

Created By:SMT BISMITA NAYAK

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	Cutoff	2.000	33.000	0.200	0.200	0.000	2.640	-
ii	center cutoff	1.000	10.000	0.200	0.150	0.000	0.300	-
Total Quantity					2.94 cum (cum)		2.94 Cum (Cubic Meter)	
Amount					2.94 X 240.77592		707.88	
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	road	1.000	33.000	3.000	0.100	0.000	9.900	-
ii	cutoff	2.000	33.000	0.200	0.100	0.000	1.320	-
Total Quantity					11.22 cum (cum)		11.22 Cum (Cubic Meter)	
Amount					11.22 X 782.551232		8780.22	
3. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	road	1.000	33.000	3.500	0.000	0.000	115.500	-
Total Quantity					115.5 Sqm (Sqm)		115.5 Sqm (Square Meter)	
Amount					115.5 X 4.6662		538.95	
4. 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	base	1.000	11.500	3.000	0.100	0.000	3.450	-
Total Quantity					3.45 cum (cum)		3.45 Cum (Cubic Meter)	
Amount					3.45 X 5403.02584944		18640.44	
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	cutoff	2.000	33.000	0.200	0.200	0.000	2.640	-
ii	road	1.000	11.500	3.000	0.100	0.000	3.450	-
iii	center cutoff	1.000	11.500	0.100	0.200	0.000	0.230	-
Total Quantity					6.32 cum (cum)		6.32 Cum (Cubic Meter)	
Amount					6.32 X 6906.16520128		43646.96	
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	cutoff	4.000	33.000	0.200	0.000	0.000	26.400	-
Total Quantity					26.4 Sqm (Sqm)		26.4 Sqm (Square Meter)	
Amount					26.4 X 216.23489289764		5708.60	
7. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC								
Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	33.000	3.000	0.000	0.000	99.000	-
Total Quantity					99 Sqm (Sqm)		99 Sqm (Square Meter)	
Amount					99 X 629.931		62363.17	
Total Amount							140386.23	
Addition								
Provision for Contingency (+) @							1403.86	
Display Citizen Board (+) @							1997.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							3400.86	
Grand Net Total Amount							143787.09	

SMT BISMITA NAYAK
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Semiliguda Block

ER TOPHAN KUMAR NAYAK
AEE
Semiliguda Block

JASHMIN KUMAR PRADHAN
BDO
Semiliguda Block