

Detailed Estimate

OD/363/3476/119881/429703/00067430 : Const. of CC road with Paver block at Godiput
Block : Nandapur, Gram Panchayat : Kularsing
Created By: GOPAL MINZ

1. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	C.C road	1.000	12.000	3.450	0.100	0.000	4.140	-
ii	C.C Cut off wall	2.000	12.000	0.230	0.300	0.000	1.656	-
iii	C.C road	1.000	10.000	2.200	0.100	0.000	2.200	-
iv	C.C cut off wall	2.000	10.000	0.230	0.350	0.000	1.610	-
Total Quantity					9.606 cum (cum)		9.606 Cum (Cubic Meter)	
Amount					9.606 X 5830.1463008		56004.39	
2. 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	P.B Cut off wall	2.000	63.000	0.300	0.150	0.000	5.670	-
ii	Middle Cut off wall	10.000	3.500	0.230	0.150	0.000	1.208	-
iii	Front cut off wall	1.000	3.800	0.300	0.150	0.000	0.171	-

iv	End cut off wall	1.000	4.100	0.300	0.150	0.000	0.185	-
v	C.C road cut off wall	2.000	22.000	0.230	0.100	0.000	1.012	-
Total Quantity					8.245 cum (cum)		8.245 Cum (Cubic Meter)	
Amount					8.245 X 240.77592		1985.20	

3. 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	P.B Block road	1.000	15.000	3.200	0.100	0.000	4.800	-
ii	P.B road	1.000	15.000	3.300	0.100	0.000	4.950	-
iii	P.B road	1.000	33.000	3.500	0.100	0.000	11.550	-
iv	C.C road	1.000	12.000	3.450	0.100	0.000	4.140	-
v	C.C road	1.000	10.000	2.200	0.100	0.000	2.200	-
Total Quantity					27.64 cum (cum)		27.64 Cum (Cubic Meter)	
Amount					27.64 X 716.800232		19812.36	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	P.B Cut off wall	2.000	63.000	0.300	0.325	0.000	12.285	-
ii	Front cut off wall	1.000	3.800	0.300	0.325	0.000	0.371	-
iii	End cut off wall	1.000	4.100	0.300	0.325	0.000	0.400	-

iv	Middle cut off wall	4.000	3.300	0.230	0.325	0.000	0.987	-
v		6.000	3.500	0.230	0.325	0.000	1.570	-
vi	C.C road	1.000	12.000	4.050	0.075	0.000	3.645	-
vii	C.C road	1.000	10.000	2.800	0.085	0.000	2.380	-
Total Quantity					21.6367 cum (cum)		21.6367 Cum (Cubic Meter)	
Amount					21.6367 X 7314.5528756		158262.79	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	P.B Cut off wall	2.000	63.000	0.000	0.180	0.000	22.680	-
ii	Middle cut off wall	4.000	3.300	0.000	0.180	0.000	2.376	-
iii		6.000	3.500	0.000	0.180	0.000	3.780	-
iv	Front cut off wall	2.000	3.800	0.000	0.180	0.000	1.368	-
v	End Cut off wall	2.000	4.100	0.000	0.180	0.000	1.476	-
vi	C.C cut off wall	2.000	12.000	0.000	0.275	0.000	6.600	-
vii	C.C Cut off wall	2.000	10.000	0.000	0.275	0.000	5.500	-
Total Quantity					43.78 Sqm (Sqm)		43.78 Sqm (Square Meter)	
Amount					43.78 X 216.23489289764		9466.76	

6. 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	Paver Block	1.000	15.000	3.200	0.000	0.000	48.000	-
ii	Paver Block road	1.000	15.000	3.300	0.000	0.000	49.500	-
iii	Paver Block road	1.000	33.000	3.500	0.000	0.000	115.500	-
Total Quantity					213 Sqm (Sqm)		213 Sqm (Square Meter)	
Amount					213 X 627.978		133759.31	
Total Amount							379290.81	
Addition								
Provision for Contingency (+) @							3792.91	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							670.00	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							9462.91	
Grand Net Total Amount							388753.71	

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JE
Nandapur Block

JHASKETAN BEHERA
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DURGA PRASADA DORA
BDO
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