

Detailed Estimate

OD/363/3471/119803/428971/00069432 : Construction of paver block road Putkerenga inside village road
Block : Koraput, Gram Panchayat : Kerenga
Created By:P Santosh Kumar Patro

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	Column	2.000	106.500	0.300	0.100	0.000	6.390	-
ii		4.000	3.000	0.300	0.100	0.000	0.360	-
iii		1.000	80.000	2.000	0.150	0.000	24.000	-
Total Quantity					30.75 cum (cum)		30.75 Cum (Cubic Meter)	
Amount					30.75 X 240.77592		7403.86	
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		1.000	106.500	3.000	0.100	0.000	31.950	-
ii		1.000	8.000	5.850	0.100	0.000	4.680	-
iii		1.000	2.100	4.100	0.100	0.000	0.861	-
Total Quantity					37.491 cum (cum)		37.491 Cum (Cubic Meter)	
Amount					37.491 X 1138.475232		42682.57	
3. 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		2.000	106.500	0.300	0.000	0.000	63.900	-
ii		4.000	3.000	0.300	0.000	0.000	3.600	-
iii		2.000	8.000	0.300	0.000	0.000	4.800	-
Total Quantity					72.3 Sqm (Sqm)		72.3 Sqm (Square Meter)	
Amount					72.3 X 216.70813962884		15668.00	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	106.500	0.250	0.300	0.000	15.975	-
ii		4.000	3.000	0.250	0.300	0.000	0.900	-
iii		2.000	8.000	0.250	0.300	0.000	1.200	-
Total Quantity					18.075 cum (cum)		18.075 Cum (Cubic Meter)	
Amount					18.075 X 7448.7667256		134636.46	

5. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	106.500	3.000	0.000	0.000	319.500	-
ii		1.000	8.000	5.850	0.000	0.000	46.800	-

iii		1.000	2.100	4.100	0.000	0.000	8.610	-
Total Quantity					374.91 Sqm (Sqm)		374.91 Sqm (Square Meter)	
Amount					374.91 X 640.503		240130.98	
Total Amount							440521.87	
Addition								
Provision for Contingency (+) @							4500.00	
Display Citizen Board (+) @							4978.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							9478.00	
Grand Net Total Amount							449999.87	

P Santosh Kumar Patro
JE
Koraput Block

PHAKIR MOHAN PRADHAN
AEE
Koraput Block

Dr. DEBASIS GOUDA
BDO
Koraput Block