

Detailed Estimate

OD/363/3470/119791/429023/00066922 : CONSTRUCTION OF PAVER BLOCK ROAD / CC ROAD AT CHOWK TO VILLAGE

Block : Jeypore, Gram Panchayat : Konga

Created By:HEMSAGAR SABAR

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	Earth work	1.000	158.000	3.600	0.150	0.000	85.320	-
ii	cut off	2.000	158.000	0.300	0.300	0.000	28.440	-
iii	End cut off	2.000	3.150	0.300	0.300	0.000	0.567	-
Total Quantity					114.327 cum (cum)		114.327 Cum (Cubic Meter)	
Amount					114.327 X 240.77592		27527.19	
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	Levelling	1.000	158.000	3.600	0.150	0.000	85.320	-
ii	cut off	2.000	158.000	0.300	0.300	0.000	28.440	-
iii	End cut off	2.000	3.150	0.300	0.300	0.000	0.567	-
Total Quantity					114.327 cum (cum)		114.327 Cum (Cubic Meter)	
Amount					114.327 X 640.454332		73221.22	
3. 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	cut off	2.000	158.000	0.300	0.320	0.000	30.336	-
ii	End cut off	2.000	3.150	0.300	0.320	0.000	0.605	-
Total Quantity					30.9408 cum (cum)		30.9408 Cum (Cubic Meter)	
Amount					30.9408 X 7028.60818		217470.76	

4. 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	158.000	3.200	0.000	0.000	505.600	-
Total Quantity					505.6 Sqm (Sqm)		505.6 Sqm (Square Meter)	
Amount					505.6 X 625.7103		316359.13	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Centring	4.000	158.000	0.300	0.000	0.000	189.600	-
ii	End cut off	4.000	3.150	0.300	0.000	0.000	3.780	-
Total Quantity					193.38 Sqm (Sqm)		193.38 Sqm (Square Meter)	
Amount					193.38 X 216.70813962884		41907.02	

Total Amount	676485.32
Addition	
Provision for Contingency (+) @	6764.85
Display Citizen Board (+) @	5117.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	11881.85
Grand Net Total Amount	688367.17

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Jeypore Block

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AEE
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SHAKTI MOHAPATRA
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