

## Detailed Estimate

**OD/363/3478/119902/00076809 : Construction of CC and Paver block road at Nua Dombo Street**  
**Block : Pottangi, Gram Panchayat : Gangarajpur**  
**Created By:KARTIK KULDIP**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	CUT OFF WALL	2.000	74.000	0.230	0.300	0.000	10.212	-
ii	CUT OFF WALL	2.000	18.000	0.230	0.300	0.000	2.484	-
Total Quantity					12.696 cum (cum)		12.696 Cum (Cubic Meter)	
Amount					12.696 X 240.77592		3056.89	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	PAVER BASE	1.000	74.000	4.100	0.150	0.000	45.510	-
ii	CC BASE	1.000	18.000	4.100	0.075	0.000	5.535	-
Total Quantity					51.045 cum (cum)		51.045 Cum (Cubic Meter)	
Amount					51.045 X 1320.275232		67393.45	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
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	CC CUT OFF WALL	2.000	18.000	0.200	0.200	0.000	1.440	-
ii	CC APPROACH	1.000	18.000	4.100	0.100	0.000	7.380	-
Total Quantity					8.82 cum (cum)		8.82 Cum (Cubic Meter)	
Amount					8.82 X 5977.8041598		52724.23	

**4. 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	PAVERE SIDE WALL	4.000	74.000	0.350	0.000	0.000	103.600	-
ii	CC CUT OFF WALL	4.000	18.000	0.380	0.000	0.000	27.360	-
Total Quantity					130.96 Sqm (Sqm)		130.96 Sqm (Square Meter)	
Amount					130.96 X 217.49688418084		28483.39	

**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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF WALL	2.000	74.000	0.200	0.350	0.000	10.360	-
ii	APPROACH	1.000	18.000	4.500	0.075	0.000	6.075	-
Total Quantity					16.435 cum (cum)		16.435 Cum (Cubic Meter)	
Amount					16.435 X 7439.9749786		122275.99	

**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	APPROACH	1.000	74.000	4.500	0.000	0.000	333.000	-
Total Quantity					333 Sqm (Sqm)		333 Sqm (Square Meter)	
Amount					333 X 645.903		215085.70	
Total Amount							489019.65	
<b>Addition</b>								
Provision for Contingency (+) @							4500.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1479.00	
Provision for survey investigation and quality control (+) @								
Total Addition							10979.00	
Grand Net Total Amount							499998.65	

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