

## Detailed Estimate

**OD/350/3338/116983/400213/00072557 : Construction of Paver block road infront of Anthua Gopala Temple, Mallick Sahi**

**Block : Kantapada, Gram Panchayat : Postal**

**Created By: Usharani Panda**

<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	1.000	220.000	1.000	1.000	0.000	220.000	-
Total Quantity					220 Cft (Cubic Foot)		6.229696 Cum (Cubic Meter)	
Amount					6.229696 X 240.77592		1499.96	
<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	CUT OFF WALL	1.000	220.000	1.000	0.166	0.000	36.520	-
Total Quantity					36.52 Cft (Cubic Foot)		1.034129536 Cum (Cubic Meter)	
Amount					1.034129536 X 770.128232		796.41	
<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	CUT OFF WALL	1.000	220.000	1.000	0.166	0.000	36.520	-
ii	ROAD BASE	0.000	50.000	2.000	0.166	0.000	16.600	-
Total Quantity					53.12 Cft (Cubic Foot)		1.504188416 Cum (Cubic Meter)	
Amount					1.504188416 X 6072.27032436		9133.84	

**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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF WALL	1.000	220.000	0.500	1.000	0.000	110.000	-
ii	ROAD	1.000	50.000	2.000	0.166	0.000	16.600	-
Total Quantity					126.6 Cft (Cubic Foot)		3.58490688 Cum (Cubic Meter)	
Amount					3.58490688 X 7542.29087932		27038.41	

**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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	220.000	17.000	0.000	0.000	3740.000	-
Total Quantity					3740 Sft (Square Foot)		347.45722 Sqm (Square Meter)	
Amount					347.45722 X 629.562		218745.86	

**6. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth**

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, 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		8.000	12.000	0.830	3.250	0.000	258.960	-
Total Quantity					258.96 Cft (Cubic Foot)		7.332918528 Cum (Cubic Meter)	
Amount					7.332918528 X 4981.607026648		36529.72	
Total Amount							293744.20	
<b>Addition</b>								
Provision for Contingency (+) @							2937.44	
Display Citizen Board (+) @							3318.35	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							6255.79	
Grand Net Total Amount							300000.00	

Usharani Panda  
JE  
Kantapada Block

DHANANJAY SAMAL  
AEE  
Kantapada Block

Swapnita Nayak  
BDO  
Kantapada Block