

## Detailed Estimate

**OD/371/3565/121398/382372/00063987 : Construction of Paver Block Road at Harijanpada and Joro Gali Sarapal  
Block : Rairakhol, Gram Panchayat : Bansajal  
Created By:Khirabdhi Tanaya Padhy**

<b>1. Earth Work (AR0102c) : Earth work in hard soil or gravelly soil in embankment, roads etc. within 50m initial lead and 1.5m initial lift and Compaction H.R.R</b>								
Earth work in hard soil or gravelly soil in embankment, roads etc. 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 specification approved by the Department alongwith proper compaction with H.R.R. (section measurement to be taken on the finished compacted section of the fill) as per direction of Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	65.000	0.200	0.250	0.000	6.500	-
ii		1.000	65.000	1.650	0.450	0.000	48.263	-
iii		2.000	27.000	0.200	0.250	0.000	2.700	-
iv		1.000	27.000	3.300	0.450	0.000	40.095	-
v		2.000	26.000	0.200	0.250	0.000	2.600	-
vi		1.000	26.000	3.000	0.450	0.000	35.100	-
<b>Total Quantity</b>					<b>135.2575 cum (cum)</b>		<b>135.2575 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>135.2575 X 221.24973948</b>		<b>29925.69</b>	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	65.000	0.200	0.050	0.000	1.300	-
ii		1.000	65.000	1.650	0.300	0.000	32.175	-
iii		2.000	27.000	0.200	0.050	0.000	0.540	-

iv		1.000	27.000	3.300	0.300	0.000	26.730	-
v		2.000	26.000	0.200	0.050	0.000	0.520	-
vi		1.000	26.000	3.000	0.300	0.000	23.400	-
Total Quantity					84.665 cum (cum)		84.665 Cum (Cubic Meter)	
Amount					84.665 X 476.834332		40371.18	

### 3. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	65.000	1.650	0.100	0.000	10.725	-
ii		1.000	27.000	3.300	0.100	0.000	8.910	-
iii		1.000	26.000	3.000	0.100	0.000	7.800	-
iv		1.000	13.000	3.000	0.100	0.000	3.900	-
Total Quantity					31.335 cum (cum)		31.335 Cum (Cubic Meter)	
Amount					31.335 X 5222.0938293		163634.31	

### 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	65.000	0.200	0.200	0.000	5.200	-
ii		2.000	1.650	0.200	0.200	0.000	0.132	-
iii		2.000	27.000	0.200	0.200	0.000	2.160	-
iv		2.000	26.000	0.200	0.200	0.000	2.080	-
v		2.000	3.300	0.200	0.200	0.000	0.264	-

Total Quantity		9.836 cum (cum)		9.836 Cum (Cubic Meter)				
Amount		9.836 X 6766.8691141		66558.92				
<b>5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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		2.000	2.000	118.000	0.200	0.000	94.400	-
Total Quantity		94.4 Sqm (Sqm)		94.4 Sqm (Square Meter)				
Amount		94.4 X 216.23489289764		20412.57				
<b>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</b>								
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		1.000	65.000	1.650	0.000	0.000	107.250	-
ii		1.000	27.000	3.300	0.000	0.000	89.100	-
iii		1.000	26.000	3.000	0.000	0.000	78.000	-
Total Quantity		274.35 Sqm (Sqm)		274.35 Sqm (Square Meter)				
Amount		274.35 X 620.8503		170330.28				
Total Amount		491232.95						
<b>Addition</b>								
Provision for Contingency (+) @		4912.33						
Display Citizen Board (+) @		3854.00						

Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>8766.33</b>
<b>Grand Net Total Amount</b>	<b>499999.28</b>

**Khiraabdi Tanaya Padhy**  
**JE**  
**Rairakhol Block**

**Supriya Biswal**  
**AEE**  
**Rairakhol Block**

**Rajendra Senapati**  
**BDO**  
**Rairakhol Block**