

## Detailed Estimate

**OD/353/3357/117453/414930/00067253 : Constrction of paver block road at khajurisahi,lumunda**

**Block : Gosani, Gram Panchayat : Rampa**

**Created By:SURENDRANATH MISHRA**

<b>1. Earth Work (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift</b>								
Earth work in all kinds of soil 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 direction of the Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	62.500	3.000	0.150	0.000	28.125	-
ii	Guardwall	2.000	62.000	0.300	0.300	0.000	11.160	-
Total Quantity					39.285 cum (cum)		39.285 Cum (Cubic Meter)	
<b>Amount</b>					<b>39.285 X 220.96043508</b>		<b>8680.43</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	Road	1.000	64.500	3.000	0.100	0.000	19.350	-
ii	guard wall	2.000	64.500	0.300	0.100	0.000	3.870	-
Total Quantity					23.22 cum (cum)		23.22 Cum (Cubic Meter)	
<b>Amount</b>					<b>23.22 X 1019.901232</b>		<b>23682.11</b>	
<b>3. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	Road	1.000	64.500	3.000	0.000	0.000	193.500	-
Total Quantity					193.5 Sqm (Sqm)		193.5 Sqm (Square Meter)	
Amount					193.5 X 636.981		123255.82	
<b>4. Road Work (AR1339) : Construction of granular sub-base by providing Close graded Granular subbase Grading-III material as per table 400-1</b>								
Construction of granular sub-base by providing Close graded Granular subbase Grading-III material as per table 400-1, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density complete including cost conveyance, royalty, taxes, cess etc. of all materials, etc. as per Clause 401 of MoRT&H Specifications for Road & Bridge works (Last Revision).								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	60.000	3.000	0.100	0.000	18.000	-
Total Quantity					18 cum (cum)		18 Cum (Cubic Meter)	
Amount					18 X 1920.1589817333		34562.86	
<b>5. 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	Guardwall	2.000	64.500	0.300	0.350	0.000	13.545	-
Total Quantity					13.545 cum (cum)		13.545 Cum (Cubic Meter)	
Amount					13.545 X 5877.13442172		79605.79	
<b>6. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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	Guard Wall	2.000	3.520	0.350	0.150	0.000	0.370	-
Total Quantity					0.3696 cum (cum)		0.3696 Cum (Cubic Meter)	

<b>Amount</b>					<b>0.3696 X 7282.12339564</b>	<b>2691.47</b>		
<b>7. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard Wall	4.000	64.500	0.000	0.350	0.000	90.300	-
<b>Total Quantity</b>					<b>90.3 Sqm (Sqm)</b>		<b>90.3 Sqm (Square Meter)</b>	
<b>Amount</b>					<b>90.3 X 217.02363744964</b>		<b>19597.23</b>	
<b>Total Amount</b>							<b>292075.72</b>	
<b>Addition</b>								
Provision for Contingency (+) @							2920.76	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							0.00	
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>7920.76</b>	
<b>Grand Net Total Amount</b>							<b>299996.47</b>	

**SURENDRANATH MISHRA**  
**JE**  
**Gosani Block**

**SASMITA KUMARI JENA**  
**AEE**  
**Gosani Block**

**GOURA CHANDRA PATNAIK**  
**BDO**  
**Gosani Block**