

## Detailed Estimate

**OD/354/3371/117714/411301/00017594 : Improvement of ps Nuasahi school**

**Block : Dharakote, Gram Panchayat : Jahada**

**Created By:Archana 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	2.000	45.000	0.230	0.230	1.000	4.761	-
Total Quantity					4.761 cum (cum)		4.761 Cum (Cubic Meter)	
Amount					4.761 X 240.77592		1146.33	
<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	2.000	45.000	0.230	0.050	1.000	1.035	-
Total Quantity					1.035 cum (cum)		1.035 Cum (Cubic Meter)	
Amount					1.035 X 440.585432		456.01	
<b>3. 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	Cut/off	1.000	45.000	0.230	0.300	0.000	3.105	-
Total Quantity					3.105 cum (cum)		3.105 Cum (Cubic Meter)	

<b>Amount</b>						<b>3.105 X 6628.86169804</b>	<b>20582.62</b>	
<b>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</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	Road	1.000	45.000	3.100	0.000	0.000	139.500	-
Total Quantity					139.5 Sqm (Sqm)		139.5 Sqm (Square Meter)	
<b>Amount</b>						<b>139.5 X 619.7736</b>	<b>86458.42</b>	
<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	Cut/off	4.000	45.000	0.000	0.300	0.000	54.000	-
Total Quantity					54 Sqm (Sqm)		54 Sqm (Square Meter)	
<b>Amount</b>						<b>54 X 216.23489289764</b>	<b>11676.68</b>	
<b>Total Amount</b>							<b>120320.06</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1203.20	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							25476.00	
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>29679.20</b>	

<b>Grand Net Total Amount</b>	<b>149999.26</b>
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**JE  
Dharakote Block**

**Pramod Kumar Panigrahi  
AEE  
Dharakote Block**

**Sangram Keshari Jena  
BDO  
Dharakote Block**