

## Detailed Estimate

**OD/345/3285/275204/420121/00014482 : Imp. of Market at bajartikra Uchbahal under Mayabarha GP**  
**Block : Balangir, Gram Panchayat : Mayabarha**  
**Created By:JUGESWAR PRADHAN**

<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	1.000	85.500	0.750	0.670	1.000	42.964	-
ii	Cut off	2.000	67.000	0.750	0.670	1.000	67.335	-
iii	Cut Off	2.000	10.000	0.750	0.670	1.000	10.050	-
iv	Earth Cutting	1.000	84.000	2.750	0.330	1.000	76.230	-
v	Earth Cutting	2.000	67.000	2.250	0.330	1.000	99.495	-
vi	Eath Cutting	1.000	84.000	10.750	0.330	1.000	297.990	-
vii	Eath Cutti	1.000	10.000	10.750	0.330	1.000	35.475	-
viii	Eath Cutt	1.000	53.500	14.000	0.330	1.000	247.170	-
ix	Eath Cutt	1.000	53.500	7.500	0.330	1.000	132.413	-
x	Eath Cutt	1.000	53.500	6.500	0.330	1.000	114.757	-
<b>Total Quantity</b>					1123.87875 Cft (Cubic Foot)		31.824649788 Cum (Cubic Meter)	
<b>Amount</b>					<b>31.824649788 X 240.77592</b>		<b>7662.61</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.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	1.000	85.500	0.750	0.330	1.000	21.161	-
ii	Cut off	2.000	67.000	0.750	0.330	1.000	33.165	-
iii	Cut Off	2.000	10.000	0.750	0.330	1.000	4.950	-
iv	Road Surface	1.000	84.000	2.750	0.330	1.000	76.230	-
v	Road Surface	2.000	67.000	2.250	0.330	1.000	99.495	-
vi	Road Surface	1.000	10.000	10.750	0.330	1.000	35.475	-
vii	Road Surface	1.000	53.500	14.000	0.330	1.000	247.170	-
viii	Road Surface	1.000	53.500	7.500	0.330	1.000	132.413	-
ix	Road surface	1.000	53.500	6.500	0.330	1.000	114.757	-
x	Road Surface	1.000	84.000	10.750	0.330	1.000	297.990	-
Total Quantity					1062.80625 Cft (Cubic Foot)		30.09527202 Cum (Cubic Meter)	
Amount					30.09527202 X 725.849832		21844.65	
<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	1.000	85.500	0.750	0.830	1.000	53.224	-
ii	Cut Off	2.000	67.000	0.750	0.830	1.000	83.415	-
iii	Cut off	2.000	10.000	0.750	0.830	1.000	12.450	-
iv	Road Su	1.000	84.000	2.750	0.330	1.000	76.230	-
v	Road Su	2.000	67.000	2.250	0.330	1.000	99.495	-
vi	Road Su	1.000	10.000	10.750	0.330	1.000	35.475	-

vii	Road Su	1.000	53.500	14.000	0.330	1.000	247.170	-
viii	Road Surface	1.000	53.500	7.500	0.330	1.000	132.413	-
ix	Road Surface	1.000	53.500	6.500	0.330	1.000	114.757	-
x	Road Sur	1.000	84.000	10.750	0.330	1.000	297.990	-
Total Quantity					1152.61875 Cft (Cubic Foot)		32.63847462 Cum (Cubic Meter)	
Amount					32.63847462 X 5408.27292266		176517.78	

**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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	1.000	2.000	85.500	0.830	1.000	141.930	-
ii	Cut Off	2.000	2.000	67.000	0.830	1.000	222.440	-
iii	Cut Off	2.000	2.000	10.000	0.830	1.000	33.200	-
Total Quantity					397.57 Sft (Square Foot)		36.93544571 Sqm (Square Meter)	
Amount					36.93544571 X 216.23489289764		7986.73	

**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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Are	1.000	84.000	2.750	1.000	1.000	231.000	-
ii	Road Are	2.000	67.000	2.250	1.000	1.000	301.500	-

iii	Road Are	1.000	10.000	10.750	1.000	1.000	107.500	-
iv	Road Are	1.000	84.000	10.750	1.000	1.000	903.000	-
v	Road Are	1.000	53.500	14.000	1.000	1.000	749.000	-
vi	Road Are	1.000	53.500	7.500	1.000	1.000	401.250	-
vii	Road Surface	1.000	53.500	6.500	1.000	1.000	347.750	-
Total Quantity					3041 Sft (Square Foot)		282.518023 Sqm (Square Meter)	
Amount					282.518023 X 628.2468		177491.04	
Total Amount							391502.81	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @							1497.18	
Total Addition							8497.18	
Grand Net Total Amount							399999.99	

JE  
Balangir Block

Neincy Rani Purty  
AEE  
Balangir Block

HRUSHIKESH GOND  
BDO  
Balangir Block