

## Detailed Estimate

**OD/366/3521/120557/428009/00068124 : IMPROVEMENT OF PLAY GROUND AT NODAL HIGH SCHOOL  
TENTULIKHUNTI**

**Block : Tentulikhunti, Gram Panchayat : Digi**

**Created By:UMAKANTA SAHANI**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	1.000	45.000	1.200	0.800	1.000	43.200	-
ii	Levelling	0.000	70.000	21.200	0.300	0.000	445.200	-
Total Quantity					488.4 cum (cum)		488.4 Cum (Cubic Meter)	
Amount					488.4 X 240.77592		117594.96	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	1.000	45.000	1.200	0.100	1.000	5.400	-
Total Quantity					5.4 cum (cum)		5.4 Cum (Cubic Meter)	
Amount					5.4 X 601.458232		3247.87	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	1.000	45.000	1.200	0.100	1.000	5.400	-

ii	DDrain Wall	2.000	45.000	0.300	0.600	1.000	16.200	-
Total Quantity					21.6 cum (cum)		21.6 Cum (Cubic Meter)	
Amount					21.6 X 5249.2318728		113383.41	
<b>4. 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	Drain Walls	2.000	45.000	0.000	0.600	1.000	54.000	-
Total Quantity					54 Sqm (Sqm)		54 Sqm (Square Meter)	
Amount					54 X 216.39264180804		11685.20	
<b>5. 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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Bottom	1.000	45.000	0.600	0.025	0.000	0.675	-
ii	Walls Top	2.000	45.000	0.300	0.025	0.000	0.675	-
Total Quantity					1.35 cum (cum)		1.35 Cum (Cubic Meter)	
Amount					1.35 X 6774.3651826		9145.39	
<b>Total Amount</b>							<b>255056.84</b>	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2600.00	

Display Citizen Board (+) @	2340.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>4940.00</b>
<b>Grand Net Total Amount</b>	<b>259996.84</b>

**UMAKANTA SAHANI**  
**JE**  
**Tentulikhunti Block**

**GOVIND KANHAR**  
**AEE**  
**Tentulikhunti Block**

**Manoj Kumar Panigrahi**  
**BDO**  
**Tentulikhunti Block**