

## Detailed Estimate

**OD/363/3479/119913/429976/00063458 : Infrastructure development of Alumina Higher Secondary School, Bhejaput, Damanjodi of Charangul GP**

**Block : Semiliguda, Gram Panchayat : Charangul**

**Created By:PREETIMAYEE**

<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 Wall	2.000	180.000	0.230	0.230	0.000	19.044	-
Total Quantity					19.044 cum (cum)		19.044 Cum (Cubic Meter)	
Amount					19.044 X 240.77592		4585.34	
<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	Road	1.000	180.000	3.650	0.100	0.000	65.700	-
Total Quantity					65.7 cum (cum)		65.7 Cum (Cubic Meter)	
Amount					65.7 X 586.560732		38537.04	
<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 Wall	2.000	180.000	0.230	0.230	0.000	19.044	-
ii	Road	1.000	180.000	3.650	0.100	0.000	65.700	-

Total Quantity		84.744 cum (cum)		84.744 Cum (Cubic Meter)				
Amount		84.744 X 5532.9577903		468884.97				
<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	Road side	2.000	180.000	1.000	0.300	0.000	108.000	-
Total Quantity		108 Sqm (Sqm)		108 Sqm (Square Meter)				
Amount		108 X 216.55039071844		23387.44				
<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	Road	1.000	180.000	3.600	0.100	0.000	64.800	-
Total Quantity		64.8 cum (cum)		64.8 Cum (Cubic Meter)				
Amount		64.8 X 7029.4350771		455507.39				
Total Amount		990902.19						
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @								
Display Citizen Board (+) @								
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>9097.00</b>
<b>Grand Net Total Amount</b>	<b>999999.19</b>

**JE**  
Semiliguda Block

**ER TOPHAN KUMAR NAYAK**  
**AEE**  
Semiliguda Block

**JASHMIN KUMAR PRADHAN**  
**BDO**  
Semiliguda Block