

## Detailed Estimate

**OD/346/3301/116138/392329/00018265 : Imp. of Road with CC/ Gr-II Metalling from PMGSY Road to Panasahi at Santoshpur**

**Block : Basta, Gram Panchayat : Santoshpur**

**Created By:ASHOK KUMAR NAYAK**

<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	Side Wall	2.000	103.000	0.830	0.830	0.000	141.913	-
Total Quantity					141.9134 Cft (Cubic Foot)		4.01853336512 Cum (Cubic Meter)	
Amount					4.01853336512 X 240.77592		967.57	
<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	Side Wall	2.000	103.000	0.830	0.330	0.000	56.423	-
ii	Road Middle	1.000	103.000	8.330	0.330	0.000	283.137	-
Total Quantity					339.5601 Cft (Cubic Foot)		9.61525543968 Cum (Cubic Meter)	
Amount					9.61525543968 X 1282.804232		12334.49	
<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	Side Wall	2.000	103.000	0.830	0.750	0.000	128.235	-
ii	Road	1.000	103.000	10.000	0.330	0.000	339.900	-
Total Quantity					468.135 Cft (Cubic Foot)		13.256085168 Cum (Cubic Meter)	
Amount					13.256085168 X 6960.68737276		92271.46	
<b>4. 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	103.000	10.000	0.290	0.000	298.700	-
Total Quantity					298.7 Cft (Cubic Foot)		8.45822816 Cum (Cubic Meter)	
Amount					8.45822816 X 8372.08575012		70813.01	
<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	Side Wall	2.000	103.000	0.000	1.200	0.000	247.200	-
Total Quantity					247.2 Sft (Square Foot)		22.9656216 Sqm (Square Meter)	
Amount					22.9656216 X 216.70813962884		4976.84	
<b>Total Amount</b>							<b>181363.37</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1860.00	

Display Citizen Board (+) @	2500.00
Any Other Lumpsum (+) @	276.60
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>4636.60</b>
<b>Grand Net Total Amount</b>	<b>185999.97</b>

**JE**  
**Basta Block**

**BIKRAM KUMAR JENA**  
**AEE**  
**Basta Block**

**Mihir Ranjan Behera**  
**BDO**  
**Basta Block**