

## Detailed Estimate

**OD/354/3366/117619/410682/00064182 : IMPROVEMENT OF DHOBA SAHI ROAD**

**Block : Bellaguntha, Gram Panchayat : Benipalli**

**Created By:Phulamani Majhi**

<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	cutt off	2.000	79.500	0.750	0.750	0.000	89.438	-
Total Quantity					89.4375 Cft (Cubic Foot)		2.5325838 Cum (Cubic Meter)	
Amount					2.5325838 X 240.77592		609.79	
<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	cutt	2.000	79.500	0.750	0.330	0.000	39.353	-
ii	bed	1.000	79.500	12.660	0.330	0.000	332.135	-
Total Quantity					371.4876 Cft (Cubic Foot)		10.51934007168 Cum (Cubic Meter)	
Amount					10.51934007168 X 683.086432		7185.62	
<b>3. 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	cutt of	2.000	79.500	1.000	0.000	0.000	159.000	-
Total Quantity					159 Sft (Square Foot)		14.771577 Sqm (Square Meter)	
Amount					14.771577 X 216.39264180804		3196.46	
<b>4. Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum</b>								
Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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	cutt off	2.000	79.500	0.750	1.000	0.000	119.250	-
ii		1.000	19.000	1.500	0.330	0.000	9.405	-
iii		1.000	7.000	1.500	0.330	0.000	3.465	-
Total Quantity					132.12 Cft (Cubic Foot)		3.741215616 Cum (Cubic Meter)	
Amount					3.741215616 X 6648.01258882		24871.65	
<b>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</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	bed	1.000	79.500	12.660	0.000	0.000	1006.470	-
Total Quantity					1006.47 Sft (Square Foot)		93.50408241 Sqm (Square Meter)	
Amount					93.50408241 X 626.9766		58624.87	
Total Amount							94488.38	
<b>Addition</b>								

Provision for Contingency (+) @	1095.00
Display Citizen Board (+) @	3677.00
Any Other Lumpsum (+) @	10239.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>15011.00</b>
<b>Grand Net Total Amount</b>	<b>109499.38</b>

**Phulamani Majhi**  
**JE**  
**Bellaguntha Block**

**PRAKASH CHANDRA TRIPATHY**  
**AEE**  
**Bellaguntha Block**

**KALAKRUSHNA PRADHAN**  
**BDO**  
**Bellaguntha Block**