

## Detailed Estimate

**OD/365/3498/120228/388917/00067102 : Construction of CC Road near Mandua I.T.I**

**Block : Karanjia, Gram Panchayat : Rasamtola**

**Created By:jamnejoy**

<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	SIDE CUTOFF	2.000	80.000	0.225	0.250	0.000	9.000	-
ii	START AND END CUTOFF	2.000	3.150	0.225	0.250	0.000	0.354	-
Total Quantity					9.354375 cum (cum)		9.354375 Cum (Cubic Meter)	
Amount					9.354375 X 240.77592		2252.31	
<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	SIDE CUTOFF	2.000	80.000	0.225	0.050	0.000	1.800	-
ii	START AND END CUTOFF	2.000	3.150	0.225	0.050	0.000	0.071	-
iii	ROAD BASE	1.000	79.550	3.150	0.108	0.000	27.146	-
Total Quantity					29.0173125 cum (cum)		29.0173125 Cum (Cubic Meter)	
Amount					29.0173125 X 1012.316132		29374.69	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	SIDE CUTOFF	2.000	80.000	0.225	0.300	0.000	10.800	-
ii	START END CUTOFF	2.000	3.150	0.225	0.300	0.000	0.425	-
iii	ROAD SURFACE	1.000	80.000	3.600	0.100	0.000	28.800	-
Total Quantity					40.02525 cum (cum)		40.02525 Cum (Cubic Meter)	
Amount					40.02525 X 5725.5141388		229165.13	

**4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC ROAD	1.000	80.000	3.600	0.100	0.000	28.800	-
Total Quantity					28.8 cum (cum)		28.8 Cum (Cubic Meter)	
Amount					28.8 X 7470.5226306		215151.05	

**5. 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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	INSIDE CUTOFF	2.000	79.550	0.100	0.000	0.000	15.910	-

ii	INSIDE START END CUTOFF	2.000	3.150	0.100	0.000	0.000	0.630	-
iii	OUTSIDE CUTOFF	2.000	80.000	0.300	0.000	0.000	48.000	-
iv	OUTSIDE START END CUTOFF	2.000	3.600	0.300	0.000	0.000	2.160	-
Total Quantity					66.7 Sqm (Sqm)		66.7 Sqm (Square Meter)	
Amount					66.7 X 216.23489289764		14422.87	
Total Amount							490366.06	
<b>Addition</b>								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							1633.94	
Provision for survey investigation and quality control (+) @								
Total Addition							9633.94	
Grand Net Total Amount							500000.00	

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JE  
Karanjia Block

LOKANATH NAIK  
AEE  
Karanjia Block

PRADYUMNA KUMAR NAYAK  
BDO  
Karanjia Block