

## Detailed Estimate

**OD/361/3451/119444/385283/00069260 : CONSTRUCTION OF CC ROAD FROM WEEKLY HAAT TO AMAR CHAND**

**JAISWAL HOUSE AT GUALI**

**Block : Joda, Gram Panchayat : Guali**

**Created By: JYOTIRANJAN PRADHAN**

<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	CUTOFF	2.000	29.100	0.225	0.225	0.000	2.946	-
ii		2.000	3.650	0.225	0.225	0.000	0.370	-
Total Quantity					3.3159375 cum (cum)		3.3159375 Cum (Cubic Meter)	
Amount					3.3159375 X 240.77592		798.40	
<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	CUTOFF	2.000	29.100	0.225	0.100	0.000	1.310	-
ii		2.000	3.650	0.225	0.100	0.000	0.164	-
iii	ROAD BASE	1.000	28.650	3.200	0.100	0.000	9.168	-
Total Quantity					10.64175 cum (cum)		10.64175 Cum (Cubic Meter)	
Amount					10.64175 X 1870.785832		19908.44	
<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	CUTOFF	2.000	29.100	0.225	0.325	0.000	4.256	-
ii		2.000	3.650	0.225	0.325	0.000	0.534	-
iii	BASE COURSE	1.000	28.650	3.200	0.100	0.000	9.168	-
Total Quantity					13.9576875 cum (cum)		13.9576875 Cum (Cubic Meter)	
Amount					13.9576875 X 7047.99757824		98373.75	

**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	WEARING COURSE	1.000	29.100	3.650	0.075	0.000	7.966	-
Total Quantity					7.966125 cum (cum)		7.966125 Cum (Cubic Meter)	
Amount					7.966125 X 8763.63919288		69812.25	

**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	OUTER-SIDE	2.000	29.100	0.400	0.000	0.000	23.280	-
ii		2.000	3.650	0.400	0.000	0.000	2.920	-

Total Quantity	26.2 Sqm (Sqm)	26.2 Sqm (Square Meter)
Amount	26.2 X 216.86588853924	5681.89
<b>Total Amount</b>		<b>194574.71</b>
<b>Addition</b>		
Provision for Contingency (+) @		2000.00
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		425.00
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>5425.00</b>
<b>Grand Net Total Amount</b>		<b>199999.71</b>

**JYOTIRANJAN PRADHAN**  
**JE**  
**Joda Block**

**AJAYA KUMAR SAHOO**  
**AEE**  
**Joda Block**

**KendujharJodaBDO**  
**BDO**  
**Joda Block**