

## Detailed Estimate

**OD/364/3482/119961/430938/00079022 : Improvement of road with CC/Grade-II Metaling from OLD BALIMELA TO JOGIPUT under 5th SFC MV TAX Fund for the year 2024-25**

**Block : Korukonda, Gram Panchayat : Chitapari-ii**

**Created By: BAPUJI NAYAK**

### **1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift**

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	subgrade	1.000	67.000	3.140	0.100	0.000	21.038	-
ii	cut off	2.000	67.000	0.230	0.150	0.000	4.623	-
<b>Total Quantity</b>							25.661 cum (cum)	25.661 Cum (Cubic Meter)
<b>Amount</b>							<b>25.661 X 245.98752</b>	<b>6312.29</b>

### **2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed**

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	subgrade	1.000	67.000	3.140	0.100	0.000	21.038	-
ii	cut off	2.000	67.000	0.230	0.050	0.000	1.541	-
<b>Total Quantity</b>							22.579 cum (cum)	22.579 Cum (Cubic Meter)
<b>Amount</b>							<b>22.579 X 704.817592</b>	<b>15914.08</b>

### **3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal**

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	sub base	1.000	67.000	3.140	0.100	0.000	21.038	-
ii	cut off	2.000	67.000	0.230	0.200	0.000	6.164	-

Total Quantity	27.202 cum (cum)	27.202 Cum (Cubic Meter)
Amount	27.202 X 5374.1303514	146187.09

#### 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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	surface course	1.000	67.000	3.600	0.100	0.000	24.120	-
Total Quantity							24.12 cum (cum)	24.12 Cum (Cubic Meter)
Amount							24.12 X 6875.5594258	165838.49

#### 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	road	2.000	67.000	0.000	0.100	0.000	13.400	-
ii	cut off	2.000	67.000	0.000	0.100	0.000	13.400	-
Total Quantity							26.8 Sqm (Sqm)	26.8 Sqm (Square Meter)
Amount							26.8 X 217.40264180804	5826.39

#### 6. Earth Work (AR0114) : Filling of foundation with escalated earth

Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	qnty	0.000	0.000	0.000	0.000	25.661	25.661	-
Total Quantity							25.661 cum (cum)	25.661 Cum (Cubic Meter)
Amount							25.661 X 101.69963104	2609.71

**Total Amount (A) : 342688.05**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3500	-	3500
2	Display Citizen Board @ Rs.3811	-	3811
<b>Additional Components Amount (F) : 7311</b>			

**Grand Total Amount (A + F) : 349999.05436214**

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Korukonda Block

**AEE**  
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