Detailed Estimate

OD/368/3533/275459/421833/00114878 : CONSTRUCTION OF CC ROAD AT UPER PADA SIHINA MUNDA
Block : Komna, Gram Panchayat : Maniguda
Created By:GURUCHARAN KISAN

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	key wall	2.000	75.000	0.150	0.150	0.000	3.375	-
ii	road formation	1.000	75.000	3.350	0.100	0.000	25.125	-
				Total Quantity	28.5 cum (cum)		28.5 Cum (Cubic Meter)	
				Amount	**28.5 X 240.77592**		**6862.11**	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	key wall	2.000	75.000	0.150	0.100	0.000	2.250	-
ii	road	1.000	75.000	3.350	0.100	0.000	25.125	-
				Total Quantity	27.375 cum (cum)		27.375 Cum (Cubic Meter)	
				Amount	**27.375 X 849.211232**		**23247.16**	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	key wall	2.000	75.000	0.150	0.150	0.000	3.375	-
ii	road	1.000	75.000	3.350	0.075	0.000	18.844	-

Total Quantity	22.21875 cum (cum)	22.21875 Cum (Cubic Meter)
Amount	**22.21875 X 5502.17599404**	**122251.47**

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	key wall	2.000	75.000	0.150	0.075	0.000	1.688	-
ii	road	1.000	75.000	3.350	0.075	0.000	18.844	-
Total Quantity					20.53125 cum (cum)		20.53125 Cum (Cubic Meter)	
Amount					**20.53125 X 6965.57119948**		**143011.88**	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	two side	2.000	75.000	0.000	0.150	0.000	22.500	-
Total Quantity					22.5 Sqm (Sqm)		22.5 Sqm (Square Meter)	
Amount					**22.5 X 216.23489289764**		**4865.29**	

Total Amount (A) : 300237.91

Additional Components			
#	**Item Name**	**Remark**	**Amount (in Rs.)**
1	**Provision for Contingency @ 1%**	**-**	**3002.379128431**
2	**Display Citizen Board @ Rs.5000**	**-**	**5000**

3	Any Other Lumpsum @ Rs.1159	photography & other unforseen item	1159
4	Provision for survey investigation and quality control @ 1%	-	3002.379128431
			Additional Components Amount (F) : 12163.758256862

Grand Total Amount (A + F) : 312401.67109996

GURUCHARAN KISAN
JE
Komna Block

DURGA SHANKAR MEHER
AEE
Komna Block

PABITRA KUMAR SAMAL
BDO
Komna Block