

Measurements

OD/365/3507/120348/387858/00077286 : Const of all weather road from Raisen house to Bhadu house in Bhulrubani village

Block : Saraskana, Gram Panchayat : Joka

Created By:Shivram Tudu

Measurement Book No : 11/25-26				Measurement Date : 2026-03-05				Pages : 126 to 130			
Item 1 : Earth Work						Spec. Code : AR0110					
Spec Decription : Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	ROAD	1	30	3.35			100.5			✓	
ii	ROAD	1	24.55	3.35			82.2425			✓	
Total Quantity							182.7425 Sqm (182.7425 Sqm)				
Amount							182.7425 X 4.6662 = Rs. 852.71				
Item 2 : Earth Work						Spec. Code : AR0102aa					
Spec Decription : 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											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	CUT OFF	2	30	0.25	0.15		2.25			✓	
ii	CUT OFF	2	24.55	0.25	0.15		1.84125			✓	
Total Quantity							4.09125 cum (4.09125 Cum)				
Amount							4.09125 X 240.77592 = Rs. 985.07				
Item 3 : Earth Work						Spec. Code : AR0115					

Spec Description :

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.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	CUT OFF	2	30	0.25	0.1		1.5			✓	
ii	CUT OFF	2	24.55	0.25	0.1		1.2275			✓	
iii	ROAD	1	30	2.85	0.1		8.55			✓	
iv	ROAD	1	24.55	2.85	0.1		6.99675			✓	
Total Quantity							18.27425 cum (18.27425 Cum)				
Amount							18.27425 X 1288.046132 = Rs. 23538.08				

Item 4 : Concrete**Spec. Code : AR0303a****Spec Description :**

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 as per specification and direction of Engineer-in charge.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	CUT OFF	2	30	0.25	0.15		2.25			✓	
ii	CUT OFF	2	24.55	0.25	0.15		1.84125			✓	
iii	ROAD	1	30	3.35	0.1		10.05			✓	
iv	ROAD	1	24.55	3.35	0.1		8.22425			✓	
Total Quantity							22.3655 cum (22.3655 Cum)				
Amount							22.3655 X 6190.6312588 = Rs. 138456.56				

Item 5 : Concrete**Spec. Code : AR0307**

Spec Description :

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 specification and direction of Engineer-in charge.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	ROAD	1	30	3.35	0.0875		8.79375			✓	
ii	ROAD	1	24.55	3.35	0.0875		7.19621875			✓	
Total Quantity							15.98996875 cum (15.98996875 Cum)				
Amount							15.98996875 X 7906.5699306 = Rs. 126425.81				

Item 6 : R.C.C. Work

Spec. Code : AR0410c

Spec Description :

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

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	ROAD	2	30		0.19		11.4			✓	
ii	ROAD	2	24.55		0.19		9.329			✓	
Total Quantity							20.729 Sqm (20.729 Sqm)				
Amount							20.729 X 216.39264180804 = Rs. 4485.60				
Total Amount							Rs. 294743.83716461				

Addition Component

i) Display Citizen Board	Rs. 5000
ii) Contingency	Rs. 255
Total Addition	Rs. 5255

Deduction Component

i) Contingency	Rs. 2955
ii) Royalty	Rs. 5929
iii) Additional Royalty	Rs. 33098
iv) EMF	Rs. 296
v) DMF	Rs. 593
vi) Empty Gunny Bag	Rs. 817
vii) Labour Cess	Rs. 3000
Total Deduction	Rs. 46688

Grand Total Amount : Rs. 253310.83716461