

~~CHITSN.Y~~ Chando road to Sokoziya (very)
under M/V Form No. 134.
M/S Maa komali comst.

DIVISION

Barna chatti

SUB-DIVISION

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Measurement Book

1279

3rd and final bill

22

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Construction of road from Chando road to Sojhiya					
Name of Agency - M/s Maa Karamli Construction A.P. Colony, Gaya, Bihar					
Agreement No. - H/SB/D/2019-20					
Date of Agreement - 20.01.2020					
Date of Completion - 19.01.2021					

1. Construction of granular sub-base etc.....

.....all complete job.

$$25.0 \times 3.75 \times 0.100 = 9.375 \text{ m}^3$$

widening on curve

C.C. portion	8.5m	$\frac{4.90+4.10+4.05}{3}$	3.75	$0.100 = 0.51 \text{ m}^3$
	7.5m	$\frac{4.30+4.20}{2}$	3.75	$0.100 = 0.37 \text{ m}^3$
B.T. portion	10.0m	$\frac{5.00+4.50+4.20}{3}$	4.05	$0.200 = 3.76 \text{ m}^3$
	9.0	$\frac{4.20+4.10}{2}$	4.05	$0.200 = 0.90 \text{ m}^3$
	8.5m	$\frac{4.30+4.20}{2}$	4.05	$0.200 = 0.34 \text{ m}^3$
				15.25 m ³

2. Providing, laying, spreading and compacting

WBM Gr III etc..... all complete job.

$$25.0 \text{ m} \times 3.75 \text{ m} \times 0.075 \text{ m} = 7.03 \text{ m}^3$$

widening on curve

	10.0m	$\frac{9.00+4.50+4.10}{3}$	3.75	$0.075 = 1.58 \text{ m}^3$
	8.5m	$\frac{4.70+4.30+4.20}{3}$	3.75	$0.075 \text{ m} = 0.41 \text{ m}^3$
	7.5m	$\frac{4.30+4.15}{2}$	3.75	$0.075 \text{ m} = 0.26 \text{ m}^3$
	9.5m	$\frac{4.20+4.15}{2}$	3.75	$0.075 \text{ m} = 0.30 \text{ m}^3$
	8.0m	$\frac{4.30+4.10}{2}$	3.75	$0.075 \text{ m} = 0.30 \text{ m}^3$
				9.88 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. Supplying, fitting and placing HYSD bar in cap and dirt wall etc all complete job.					
For 8mm dia 200mm c/c					
	2 x 2 x 31	2.45m	0.39m		118.48kg
Main bar	2 x 2 x 12	5.95	0.89		254.18kg
					372.66kg
				62.0	372 MT
					sh up
					25/04/2022
					JE.
					AE

Date of entry - 20.04.2022

1. Construction of un-reinforced dowel jointed at expansion, plain cement concrete etc all complete job.

	06 x 30.0 x 3.75m	0.160	108.0 m ³
	04 x 30.0 x 3.75m	0.160	72.0 m ³
	01 x 15.0 x 3.75m	0.160	9.0 m ³
			189.0 m ³
			Limit - 177.48 m ³

2. Construction of subgrade & earthen shoulder etc

..... all complete job.

Sides of G.S.B. (c.c. p.m.m)	02 x 25.0m x 1.50 x 0.100	7.5 m ³
Sides of P.C.C.	02 x 06 x 30.0 x 1.20 x 0.160	69.12 m ³
	02 x 04 x 30.0 x 1.00 x 0.160	38.40 m ³
		115.02 m ³

Continuation

20/04/2022
JE.
AE

Material statement

- 1) Earthwork - 545.19 m^3
- 2) Stone - 14.55 m^3
- 3) Screening material - 6.04 m^3
- 4) Sand - 79.86 m^3
- 5) Stone aggregate - 159.73 m^3

Certificate

has been
The work done as per dpr specification.

2) Agency has been used his own tools & blatts.

Continuation

Abstract of cost

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1(a)/1 Setting out lining of B.M. etc city vide TMB Page (7)					
					0.957 km @ 3409.36/km - 3177/-
1(b)/2 Construction of pillars city vide TMB Page (17)					
					0.957 km @ 3985.40/km - 3814/-
2/3 Clearing and grubbing road land etc city vide TMB Page (7)					
					0.38 Hec @ 49809.13/Hec - 18927/-
3/4 Excavation of roadway etc city vide TMB Page (17)					
					8.55 m ³ @ 82.01/m ³ - 701/-
4/5 Construction of embankment deposited city vide TMB Page (18)					
					8.55 m ³ @ 58.12/m ³ - 497/-
5/6 Construction of embankment etc city vide TMB item no 1(a), (b) Page 24, 25					
					(a) 129.05 m ³ @ 194.95/m ³ - 25158/-
					(b) 301.11 m ³ @ 151.50/m ³ - 45618/-
6/8 Construction of subgrade city vide TMB Page (18) - 2051.3 m ³ item no (2) Page (23) - 115.02 m ³					
					2166.32 m ³ @ 196.83/m ³ - 426397/-
7/9 Construction of G.S.B. city vide TMB Page (18) item no (1) Page (22)					
					625.53 m ³ @ 15.25/m ³ = 9540.80
Continuation					C.O. 526289/-

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.P. 2094539/2
15/32 Providing PCC MIS in open foundation etc city vide TMB Page (19)					105.55 m ³ @ 5046.92/m ³ 532702/-
16/35 Providing PCC MIS in sub structure etc city vide TMB Page (19)					71.67 m ³ @ 5257.49/m ³ 376804/-
17/38 supplying fitting and placing MSD bar etc city vide TMB Page (19) Item no. 3 Page (23)					1.086 + 0.372 MT = 1.458 MT Limit - 1.312 MT
					1.312 MT @ 78045.54 / MT 102396/-
18/36 Providing RCC M20 in sub-structure etc city vide TMB Page (19)					734 m ³ @ 6259.22/m ³ - 45943/-
19/37 Providing RCC M25 in superstructure etc city vide TMB Page (20)					7.48 m ³ @ 7157.34/m ³ - 53537/-
20/40 Providing weep holes in abutment etc city vide TMB Page (20)					12 No. @ 136.11 / No - 1633/-
21/39 Backfilling behind abutment etc city vide TMB Page (20)					64.77 m ³ @ 874.93/m ³ - 56669/-
					C.O. - 3264223/-

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	3264223/2
22/41 Providing and laying H.P. 600 mm dia etc city vide TMB Page (20)					
		7.5 m	@ 1254.9 / m		9412/-
23/42 Providing and laying cement concrete NP3 etc city vide TMB Page (20)					
		40.0 m	@ 806.90 / m		32276/-
24/43,44 Filling in foundation trenches etc city vide TMB Page (20)					
		6.53 m ³	@ 610.51 / m ³		3987/-
25/10 Providing laying WBM G.M. etc city vide TMB Page (20) and item no 2 Page (27)					
		260.98 m ³	+ 9.88 m ³		270.86 m ³
		270.86 m ³	@ 3180.72 / m ³		861530/-
26/11 Providing and applying Prime Coat etc city vide TMB P-(20)					
		2392.5 m ²	@ 54.77 / m ²		131,037/-
27/12 Providing and applying tack coat etc city vide TMB Page (20)					
		2392.5 m ²	@ 18.60 / m ²		44501/-
28/13 Providing, laying, rolling of closed graded etc city vide TMB Page (21)					
		2392.5 m ²	@ 223.02 / m ²		533599/-
				C.O.	4880565/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	4880565/-
29. Construction of unreinforced dowel					
PCC etc etc wide TMB item no 2 P-23					
177.48 m ² @ 6929.17/m ²					1229788/-
30. Road marking with hot applied thermoplastic compound etc etc wide					
TMB item no 2 Page 25					
a) 127.6 m ² @ 852.0/m ²					108715/-
b) 58.0 m ² @ 859.0/m ²					50402/-
31. Reinforced Cement concrete M15					
grade 1000 Stone etc etc wide					
TMB item no 3 Page 25					
(a) 1000 stone - 2 No. @ 2256.46					4512/-
(b) 2000 stone - 4 No. @ 643.50					2574/-
32. Painting two coats for culverts etc					
etc etc wide TMB item no 5 Page 25					
50.45 m ² @ 105.04/m ²					5299/-
33. Providing and fixing of retro-reflectorised boards etc etc wide TMB					
item no 6 Page 26					
(a) 600mm D - 2 No. @ 4991.84/No					9984/-
(b) 600mm Δ - 6 No. @ 3661.37/No					21860/-
(c) 600 x 450 □ - 2 No. @ 4216.42/No					8433/-
10% below all per agreement					6322133/-
					632213/-
					5689920/-
Previous Payment					2594376/-
					3095544/-
Continuation					

Continuation