

HANUMANTEY MANDALMENT AND REAL TECH PVT. LTD.

Construction of road from
Domamashar PMSR road to Jamunatara
South.

Head - HHGR (SC)

Measurement Book

Schedule XLV-Form No. 134

R. W. D (W) Jamui

AMGR

DIVISION

Laxmipur

SUB-DIVISION

DOMAMASHAR PMSR ROAD TO JAMUNATARA SOUTH

Agency: Hanumanthey Management
Agreement No. 2 Real Tech Pvt. Ltd.
- 23 (SEP) / 2021-22

MB No. 1 2921

1st on a/c Bill

Construction of road from
Domamatha PMESY road
to Jamnabai's South

Name of Work - Block: Laxmepur
Situation of work -

Agency by which work is executed Hanumanter
Date of measurement - 30-12-2021
2 Real Tech Pvt. Ltd.

No. and date of agreement - 23 (SAD) / 2021-22
dt. 28.10.2021

(These four lines should be repeated at the commencement
of the measurements relating to each work). 27-10-2022

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Boundary & fixing Bench Mark Reference poles					
		13x30 = 390			
		1x10 = 10			
		15x30 = 450			
		1x10 = 10			
		10x30 = 300			
		11x30 = 330			
		1x10 = 10			
			1500M	≈	1.50KM
② Cleaning & grubbing road land.					
		1500 x 3.50 = 5230M ²			
		$\frac{5230}{10000}$			= 0.523 ha.
③ Construction of embankment with materials obtain from borrow pits - do - all complete					
		1500 x 5.50 x 0.20 = 1650M ³			
for 1000M lead 15% of 1650					= 247.50M ³
④ Construction of embankment - do - all complete					
for 100M lead 85% of 1650					
will then $\frac{3}{4}$ of TMB					= 1402.50
					49

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/8) Construction of Subgrade 2 earth shoulder with approved materials - do - all complete.					
		700x	7.80x	0.30	= 1638.00
(6/7) Geo-grp Construction of Geo-grp by providing well graded materials - do - all complete.					
RT.		700x	4.05x	0.20	= 567.00
cc.		800x	4.05x	0.10	= 324.00
					891.00
					43
(7/14) Providing 2 layering Rec duct size of 300 mm ϕ - do - all complete.					
		7x	3x	2.50	= 52.50
(8/32) Providing & fixing of typical water supply & sewerage board with logs - do - all complete					
		2 no			= 2 no.
(9/31) H.P. Culvert of 600 mm ϕ E/w in excavation in foundation					
H/w		2x2x	3.90x	1.15x	1.50 = 26.91
Below pipe		2x1x	5.35x	1.13x	0.365 = 4.41

Continuation.

38.32

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ABSTRACT OF COST

(1st Bill)

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Paving & laying Benchmark Qty. under TMB Page ①					
1.50 km C.B.	32653.30	/km	= Rs	48980=	
② Cleaning & grubbing rd. bed. Qty. under TMB Page ①					
0.523 km C.B.	1137.28	/km	= Rs	26745=	
③ Construction of embankment Qty. under TMB Page ①					
247.50 m ³ C.B.	190.45	/m ³	= Rs	47136=	
④ Construction of embankment Qty. under TMB Page ①					
1402.50 m ³ C.B.	148.89	/m ³	= Rs	208774=	
⑤ Construction of Subgrade earth shoulders					
Qty. under TMB Page ②					
1638.0 m ³ C.B.	192.13	/m ³	= Rs	314709=	
⑥ Construction of G.R.B. - 90° Qty. under TMB Page ②					
891.0 m ³ C.B.	2054.48	/m ³	= Rs	1830542=	
⑦ Paving & laying duct for pipe Qty. under TMB Page ②					
52.50 m C.B.	1614.36	/m	= Rs	84754=	
⑧ Paving & laying heavy board Qty. under TMB Page ②					
2 no. C.B.	9302.40	/each	= Rs	18605=	
⑨ L.W. in ex. concrete in form Qty. under TMB Page ②					
31.32 m ³ C.B.	294.73	/m ³	= Rs	9231=	
			Rs	2589476=	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10 32 Boundary from 20 in found Qty. wide TMB Page ③					
5.69 m ³ Ch	555.96 / m ³	= R			29337.50
11 33 Plain RCC 11-20 in Substructure Qty. wide TMB Page ③					
30.33 m ³ Ch	5535.45 / m ³	= R			167890.00
12 34 Boundary 2 layer RCC. H. Pipe Qty. wide TMB Page ③					
15.00 m Ch	3510.22 / m ³	= R			52653.00
				R	2839356.00
Add 12% GST				(+)	340723.00
Add 1% Labour Chgs				(+)	28399.00
Add Sundry charges for HPS					28394.00
				R	3236867.00
Less 19.99% below as per agreement (-)					647050.00
Camp 25/12/22					
30-12-21 JE					
Materials statement.					
E/w (sail) : 4110 m ³					
50% St aggregate : 539 m ³ @ 620.62					
20% " " : 216 m ³ @ 514.58					
30% coarse sand : 324 m ³ @ 175.80					
St. Chisps in PCC : 33 m ³ @ 581.09					
Coarse sand : 17 m ³ @ 175.80					

Continuation

30.12.21

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