

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

MANUMENTRY MANAAGEMENT AND REAL TECH PVT. LTD.

Construction of road, from
Domamashar PMSR road to Jamunatala

Head - HHGSR (SC)
South.

Measurement Book

Schedule XLV-Form No. 134

R. W. D (W) Jamui

AMMSR

DIVISION

Laxmipara

SUB-DIVISION

DOMAMASHAR PMSR ROAD TO JAMUNATALA SOUTH

MB No-1

2921

3rd on A/c No 11				
Name of Road:- Constm A Road from				
Domamabdar PMhsy Road to				
Jammotari South.				
Agency:- Hanumantry Management				
And Real Tech Private Limited.				
At- Pipradih P.O + P.S - Jharkh				
Dist - Jm				
Ag. No 1 - 24 (SBD) / 20 21 - 22				
Constm Cost Rs 74 49 714 2				
96 11 315 = 2				
Mainb Cost Rs 140 9 44 2 = 2				
Date of Commencement 28.10.21				
Date of Completion 27.10.2022				
Date of Entry:-				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 Setting out Pillars					
Div 2 fixing of Working Benchmark Pillar					
10 x 30.0 = 300.00 M ²					
0.03 KM					
2/2 clearing & grubbing of land including uprooting wild vegetation grass bushes shrubs sapling & trees of girth up to 30 cm					
2/6 Constrn of Subgrade & Earthen Shoulder with approved materials do do all comp. etc.					
10 x 30.0 x 7.80 x 0.30 = 702.00 M ³					
3/7 Construction of GSB 22.5 providing well graded material spreading in uniform layers B.T. portion					
1 x 20 x 5.5 + 4.90 + 4.05 x 20 = 19.26 M ³					
1 x 10 x 4.75 + 4.50 + 4.05 x 20 = 8.86 M ³					
10 x 30.0 x 4.05 x 20 = 243.00					
1 x 15 x 4.05 + 4.50 + 4.05 x 20 = 12.60 M ³					
1 x 15 x 4.05 + 4.50 + 4.05 x 20 = 12.90 M ³					
20 x 30.0 x 4.05 x 20 = 486.00 M ³					
1 x 10 x 4.05 + 4.50 + 4.05 x 20 = 8.86 M ³					
1 x 10 x 4.05 + 4.50 + 4.05 x 20 = 8.43 M ³					
1 x 20 x 4.05 + 4.50 + 4.05 x 20 = 18.20 M ³					
2					818.11 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. B.F. Qty = 5				11.287	M ³
deduct previous Qty					
Nett Qty = 5				11.287	M ³
2. Prime-coat (SS-1)					
Div 4 applying primer					
Coat with bitumen emulsion (SS-1) on prepared surface					
1x 20.0 x 5.20 + 4.75 + 3.75					91.25 M ²
3					
1x 10 x 4.75 + 4.20 + 3.75					42.33 M ²
3					
10 x 30.0 x 3.75					1125.00 M ²
1x 5 x 3.75 + 4.25 + 3.75					58.50 M ²
3					
1x 15 x 3.75 + 4.50 + 3.75					66.00 M ²
3					
20 x 30.0 x 3.75					2250.00 M ²
1x 10 x 3.75 + 4.35 + 3.75					39.50 M ²
3					
1x 20 x 3.75 + 4.30 + 3.75					78.66 M ²
3					
1x 10 x 3.75 + 4.25 + 4.50					41.66 M ²
3					
37					86.65 M ²
6. Tack-coat (RS-1)					
Div 2 applying Tack-coat with bitumen emulsion (RS-1) on prepared surface					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty Same wide Item No					
5 in P.M.B					
		3786.65	M ²		
11/11 M.S.S (Mix Seal Surfacing)					
Plv laying & rolling At					
close-graded premix surfacing					
material At 2044 thickness					
composed of 18.2 mm to 0.075 mm					
1 Type B					
Qty Same wide Item No					
6 in P.M.B					
		3786.65	M		

9/12 C.C Pavement					
Construction of un-reinforced					
P.C.C over a prepared					
Sub-base with 43 grade cement					
$1 \times 15 \times 4.0 + 3.25 \times 1.60 = 9.30 M^3$					
$1 \times 15 \times 4.25 + 4.10 + 3.25 \times 1.60 = 9.67 M^3$					
$9 \times 30.0 \times 3.25 \times 1.60 = 162.00 M^3$					
$1 \times 15 \times 4.20 + 3.90 + 3.25 \times 1.60 = 9.48 M^3$					
$1 \times 15 \times 4.40 + 4.15 + 3.25 \times 1.60 = 9.84 M^3$					
$10 \times 36.0 \times 3.25 \times 1.60 = 180.00$					
$1 \times 15.0 \times 4.10 + 4.4 \times 3.90 \times 1.60 = 9.60 M^3$					
$1 \times 15.0 \times 4.10 + 3.25 \times 1.60 = 9.42 M^3$					
$3 \times 30.0 \times 3.25 \times 1.60 = 54.00 M^3$					

Prepared
11/10/2022
216

Continuation 453.31

12/10/22
A.C

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16 25 Road Markings on C.C. Portion					
2x 10x30 x 1.1W =			60.10 M ²		
2x 10x30.0 x 1.1W =			60.10 M ²		
2x 6x30.0 x 1.1W =			36.10 M ²		
2x 1x20.0 x 1.1W =			4.10 M ²		
			160.10 M ²		
17 26 R.C.C. M-15 grade boundary pillar					
		16 Nos			
18 27 Planting A trees by the Road side					
		50 Nos			
19 28 Half Brick Circular tree guard in 2nd class bricks					
		internal diameter 1.25 Metres			
		& height 1.2 Metre above ground			
		0.20 Metre below ground			
		50 Nos			
20 29 Div 2 erecting direction & place identification retro reflectorised Sign Board					
		7 Nos			
21 30 Div 2 fixing of typical MMBSSY informatory Sign Board					
		3 Nos			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.P. Qty	133	7.07	9	M ³	
Less for Hand Shoulder					
& Box cutting for proposed					
P.C. Road	(C)	100.00	M ³		
	123	7.07	9	M ³	
Proposed	22.10.2022				
22	22				

300 on Ale Riv.

ABSTRACTS OF COST

1/ Div. & fixing of working
bench mark pillars

Qty vide Page No 10 - 1.50 KM

Qty vide Page No 0.30 KM

1.80 KM

Q.R. 32653 = 30 KM

B 5877620

2/ cleaning & grubbing Road

land including uprooting

wild vegetation grass bushes

Qty vide Page No 1.0 - 0.63 Hae

Q 51137 = 38 Hae

B 322170

Total B 90 99320

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3 34 Construction A Embankment					
For lead 1000 M					
Qty wide Page No 10 in P.M.B					
		291.	96 M ³		
@ B 190 = 2457 M ³					R 5560420
4 5 For lead 100 M					
Qty wide Page No 10 in P.M.B					
		1683	00 M ³		
@ B 148 = 891 M ³					R 2505822
5 6 Construction A subgrade					
2 Earthwork shoulder with approved material obtained from borrow pits					
Qty wide Page No 11					1638.00 M ³
Qty wide Page No 17					702.00 M ³
					2340.00 M ³
@ B 192 = 131 M ³					R 4495842
6 7 G.S.B. 8% T.					
Construction A G.S.B. 8% T. by providing well graded materials spreading in uniform layers					
Qty wide Page No 11					1135.35 M ³
Qty wide Page No 18					10.02 M ³
					1145.37 M ³
@ B 2054 = 48 M ³					R 23531402
Total Rs 320090320					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		1312 E	557	945	532
11 12 c.c. Pavement					
constn of cm-reinforced P.C.C					
over a prepared surface					
with 43 grade cement					
Qty wide Page no. 22 in P.M.B					
		484.30 M ³			
QB 6611 = 70/M ³					R 320204620
12 16 R.C.M-5 grade					
Secondary 1/4" Stone					
Qty wide Page 22 in P.M.B					
		3 N 5			
QB 2023 = 10/each					R 60692
13 17 200 M Stone					
Qty wide Page no. 22 in P.M.B					
		7 N 5			
QB 577 = 67/each					R 404420
14 14 Cable duct Across the Road					
Div 2 Laying of a R.C.C pipe					
duct 300 mm Ø					
Qty wide Page no. 11 in P.M.B					
		52.50 Mtr			
QB 1614 = 36/Mtr					R 0475420
15 19 Rec 600 mm equilateral					
triangle					
Qty wide Page no. 11 in P.M.B					
		7 N 5			
QB 3425 = 944 each					R 239822
		Total R	890035020		

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			9274	364	1 W
22 29	PIV 2	erecting	direction		
		2	place	identification	
					Retro-reflectonised Sign Board
		Qty wide	Page No	23 in	TMB
			7 N 1		
	Q B	1129	5298	each	B 790722
23 30	PIV 2	fixing	At Pivotal		
					MMBSY informatory Sign Board
		Qty wide	Page No	(12) +	2 N 5
		Qty wide	Page No	(23) +	3 N 5
					5 N 5
	Q	9302	240	each	B 465121 W
24 31	Constn At	H.P	Curver	2 N 5 6	
			600 mm B		
					11 W in excavation for foundation
					of structure
		Qty wide	Page No	12 in	TMB
					31.32 M ³
	Q B	2942	731	M ³	B 92311 W
25 32	PIV M 20	(P.C.C)	(1:2:5)	in	
					open foundation
		Qty wide	Page No	12 in	TMB
					5.69 M ³
	Q B	5155	2961	M ³	B 29337 W
			Total	B	9438516 W

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		312 B	94	385	1620
26 P.C.C./R.C.C. M-20 in					
33 Sub-structure					
Qty vide Page No 12 in P.M.B			30.33	M ³	
QB 553 5.45					
QB 3510 2.222 / M ³				B	167890
27 Div 8 laying R.C.C. Pipe					
34 N.P. for Culvert on Dst					
clan bedding R.C.C. M-10					
Qty vide Page No 12 in P.M.B					
15 M ³					
Q 3510 2.222 / M ³				B	526530
28 Painting two coats on					
35 Parapet wall including					
primer coat after filling					
the surface with synthetic					
enamel paint					
Qty vide Page No 13 in P.M.B					
24.96 M ²					
QB 982.7 7 / M ²				B	246520
29 Planting of Trees by					
27 the Road side					
Qty vide Page No 23 in P.M.B					
50 M ³					
QB 819 2.92 each				B	4099620
Total B			970		252020

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			117 B	970	2520 12
30 28			Half Brick circular		
			tree guard 2nd class bricks		
			Qty wide Page no. 23 in DMD		
			50 N/S		
			@ 1566234/cch	B	783172
31			Constn of Earthy shoulder		
6			& Subgrade with approved		
			Material obtained from		
			boronopit		
			Qty wide Page no. 25 in DMD		
			1237	079	143
			@ 1922131 m ³	B	23768054
			Total B	100	1851724
			ADD 12% GST	+B	120222224
			ADD 1% Lcen	+B	10018504
			B	113	2092400
			ADD S.Fee	B	15630304
			B	114	7722720
			Less 19.99% as per Agreement	-B	229429804
			B	9182	92904
			Less previous payment	-B	356875404
			B	5614	27504
			Chd		
			28/10/2022		
			24 is certified that work has been		
			Completed. There is no pending dues against		
			the Contractor		
			23/10/2022 Continuation		
			24/10/2022		