

મનમોહન

દાદર & અમદાવાદ જિલ્લો

Shedule XLV Form No. 134.

અમદાવાદ જિલ્લાના અધિકારીઓના નામો
DIVISION ૧/૩૨૫૫૨૮

અમદાવાદ જિલ્લાના અધિકારીઓના નામો
SUB-DIVISION ૨૫૫૫૫

Measurement Book

683

૨૧૭૫૫ →

અમદાવાદ જિલ્લો

Name of work - Construction of headland B13124.

Situation of work - TO Balwant Bigha.

Agency by which work is executed - Ramnandan Singh.

Date of measurement -

No. and date of agreement.

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

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Providing & fixing of work					
Bench mark					
Bench mark pillar				31x43	
Reference pillar				11x43	
2. Clearing and leveling					
Head land					
2x2845					
2x2845x2.52/100000					1.99 Ha.
3. Box cutting					
2x20x30x0.525x0.10					63.50
2x20x30x0.525x0.10					63.50
2x20x30x0.525x0.10					63.50
2x20x10x0.375x0.10					15.00
2x20x16x0.375x0.10					24.00
					228.00
4. Construction of embankment					
6x2x228x					12680m ³
5. Construction of embankment					
with C.P.P. and drainage					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
E/W Calculation Sheet					
Sr/No	Ch.	Fill Area	Meas Area	Distance	Quantity
1	0	1.002	—	—	
2	50	2.162	1.582	50	79.350
3	100	2.518	2.383	50	117.125
4	150	2.127	2.820	50	141.125
5	200	2.119	2.623	50	131.150
6	250	2.384	2.752	50	137.575
7	300	2.454	2.419	50	170.950
8	350	2.389	2.422	50	171.075
9	400	2.548	2.469	50	141.700
10	450	2.120	2.834	50	85.325
11	500	1.293	1.707	50	89.350
12	550	2.281	1.787	50	118.400
13	600	2.443	2.362	50	92.118.100
14	650	1.272	1.858	50	92.875
15	700	2.790	2.031	50	101.550
16	750	1.553	1.972	50	98.575
17	800	1.584	1.367	50	68.425
18	850	2.681	2.133	50	106.625
19	900	2.258	2.470	50	122.425
20	950	1.767	2.063	50	100.625
21	1000	2.522	2.145	50	107.225
22	1050	2.286	2.654	50	132.700
23	1100	2.021	2.404	50	120.175
24	1150	1.922	1.972	50	98.575

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
25	1250	1'767	1845	50	92.225
26	1250	4'104	2'926	50	146.775
27	1350	3'847	3'976	50	198.725
28	1350	2'555	3'201	50	160.650
29	1450	2'022	2'789	50	139.425
30	1450	3'018	3'020	50	151.600
31	1500	3'069	3'044	50	152.175
32	1550	0'655	1'862	50	92.100
33	1600	3'847	2'251	50	112.550
34	1650	3'921	2'884	50	194.200
35	1700	1'846	2'884	50	144.175
36	1750	4'250	2'098	50	152.400
37	1800	2'379	2'815	50	190.725
38	1850	2'557	2'968	50	148.400
39	1900	3'581	3'069	50	153.450
40	1950	2'740	3'161	50	158.025
41	2000	2'485	2'613	50	130.625
42	2050	0'553	1'519	50	75.950
43	2100	1'476	1'015	50	50.725
44	2150	3'215	2'346	50	117.275
45	2200	3'543	2'374	50	168.950
46	2250	3'105	1'686	50	166.200
47	2300	2'173	1'133	50	131.950
48	2350	1'198	1'497	50	84.275
49	2400	1'067	1'133	50	56.625
50	2450	1'926	1'492	50	74.825

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
51	2500	0.739	1.333	50	66.625
52	2550	0.938	0.839	50	41.925
53	2600	2.827	1.882	50	94.125
54	2650	1.124	1.976	50	98.725
55	2700	2.169	1.647	50	82.325
56	2750	2.939	2.554	50	127.700
57	2800	2.878	2.909	50	145.425
58	2845	1.401	2.140	45	96.278
					6905.1038
P.V. 10004 m ²					
	200.7	6905.10			138100.10
	200.7	6905.10			5524.088

6. Constant of Subgrade					
Center Shoulder					
	345 x	7.200 x	0.30		745.20 m ³
7. Constant of Gravel					
Sub base					
	2 x 20 x 30 x	0.525 x	0.10		63.00
	2 x 20 x 30 x	0.525 x	0.10		63.00
	2 x 20 x 30 x	0.525 x	0.10		63.00
					189.00 m ³
Profile Correction.					
	20	1.50	1.20	0.10	3.60
	30	1.20	1.10	0.10	3.96
	25	1.80	1.20	0.10	5.40
	15	1.80	1.50	0.10	4.05

Continuation

17.01

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. by	11.88
	16	1.60	1.20	0.10	3.072
	20	1.90	1.30	0.10	4.94
	18	1.50	1.20	0.10	3.24
	10	1.40	1.30	0.10	1.82 2.72
					24.9512
TOTAL G.S.R.					1264.286
H.P. Channel	1000MM			8MM	
1' E/W excavation for audit					
8x2x6.45x1.40x0.15					216.7212
8x4.85x1.53x0.025					21.664
2' Paving M.S. (12.5x5) 25					238.384
leveling					
8x2x6.45x1.40x0.15					21.672
8x4.93x1.53x0.025					15.088
					36.7612
2' Paving/R.C.C. 8x3 37mm					
8x2x6.15x0.825x0.315					255.717
8x2x6.15x0.40x0.60					23.616
					279.333
4' L.R. for P.P.C. 8x1478					11.824
					267.509
4' Paving and Laying R.C.C.					
PIPE 1X2					
8x3x9.50					60.00M.
8 W.B.M. for 4					
20x30x3.75x0.075					168.75
20x30x3.75x0.075					168.75
20x30x3.75x0.075					168.75
					506.25M ²

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. setting out pillar					
videom to p				①	
Bench Mark pillar					
SN CR	3937.47				11821
Reference pin 11 No					
CR 1782.74					19610
2. clearing and grubbing					
videom to p				①	
199 Hec CR 5113376					101956
3. Box cutting					
videom to p				①	
488 m CR 24.16					16908
4. Groutwork Lworkm					
videom to p				①	
136 m CR 26.11					3551
5. Groutwork curbed					
videom to p				④	
692 138100 m CR 17.94					241592
6. Groutwork curbed					
videom to p				4	
5524 28 m CR 131.03					723820
7. Groutwork 2nd grade					
CR 17.94				4	
30 m CR 745.20					22356 m
CR 176.58					39476
					1158534

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
70% 7 745-20 = 52164.17					
CRS 141. 17-10					73640
8 Constantly granular sub					
22-1/2 x 12 1/2 1 6					
1364.2 886.12 1308.25					367236
H.P. C/10M					
1' E/W in a density for P. det.					
1/2 x 12 1/2 1 6					
238.3841 CR 269.32					64201
2. primary MIS P. 11-25.5					
17 2-1/2 x 12 1/2 1 6					
3676.13 CR 4642.29					170687
3 plain Rec in sub stry					
1/2 x 12 1/2 1 6					
279.3331 CR 5381.91					1503345
4. primary and laying REC PIPE					
NR3 - 1/2 x 12 1/2 1 6					
6000 CR 2750.20					225042
					6867985
(+ Add 12% GST					824158
(+ Add 1% Lab Less					68679
					7760822
(+ Less 10% below Lr SPR					776082
					6984740
15000 2314121					

OE Continuation

8.	W	B/M	Gr	3.		
	VACUM B	P			G	
	SD625MD	CBS	3157-39			1598429
						8466414.
H, Add	12x.	GST				1015970
H, Add	1x.	Leb Cess				84664.
						9567048
(F) Less	10x.	b/w fu	SORTY			956705
						8610343
Kordy						
22/4/21						
JE						

Continuation