

MMGSY (S.C.) means specific construction of the Road & CD
works Kishore Path to Godpura Gaudhari tal

H.O. Dar - Ram Prakash Yadav

Measurement Book

Schedule XLV-Form No. 134

Prudhary

DIVISION

Gudgandhina

SUB-DIVISION

M.B. No - ~~196~~ 196.

~~196~~ 196.

પ્રમાણિત ભિન્ન વાર્ષિક કામ કરવાની પુસ્તક
 જેમાં જે ગણના કરવામાં આવે - 100 (સો) જે
 પુસ્તક જે બીજા કામના અભિમાન, ગ્રામીણ
 બાંંત બિનામાં, બાંંત અથવા પ્રાથમિક, બીજા કામ
 બાંંત નોંધે છે।

2536
 23/5/20
 Executive Engineer
 Rural Works Department
 Valsad Division Mulapara
 23.05.2020

Sch. XLV-Form No. 134

Rural Perrenis DIVISION
Gandhinagar SUB-DIVISION

Measurement Book

No. 196
19.20

Name of officer Executive Engineer
 Date of first entry 23.05.2020
 Date of last entry _____

MMGSY (S.C.) Muzrai Specific - Computer
 Worker Kishanram Rasthi to Gandhinagar Gandhinagar.

Name of work -
 Situation of work -
 Agency by which work is executed -
 Date of measurement -
 No. and date of agreement.

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

of the measurements relating to					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
	1st on the bill				
NPW - Construction of the road and CD work					
Kishanpatti to Godgama Ghandli Tole					
Under MMGSY (SC).					
NP Agency - Ram Prakash Yadav.					
Agreement no - 38 SBP/2019-20.					
Date of agreement - 1.11.2019					
Date of entry - 25.6.2020.					

Details					
(1) Clearing and grubbing road land					
$10 \times 30.0 \times 3.50 \text{ m} = 1050.00 \text{ m}^2$					
$10 \times 30.0 \times 3.50 \text{ m} = 1050.00 \text{ m}^2$					
$10 \times 30.0 \times 3.50 \text{ m} = 1050.00 \text{ m}^2$					
$1 \times 5.0 \times 3.50 \text{ m} = 17.50 \text{ m}^2$					
<u>3167.50 m²</u>					
<u>0.32 Hec.</u>					
(2) Dismantling of brick work					
$2 \times 6.20 \times 0.825 \times 3.0 \text{ Av} = 30.69 \text{ m}^3$					
$2 \times 5.64 \times 0.825 \times 2.50 \text{ Av} = 23.27 \text{ m}^3$					
<u>53.96 m³</u>					
(3) Dismantling of P.C.C. work					
$1 \times 3.50 \times 1.54 \times 0.15 = 0.81 \text{ m}^3$					
$1 \times 3.50 \times 1.54 \times 0.15 = 0.81 \text{ m}^3$					
<u>Continuation</u>					
<u>1.62 m³</u>					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Removing of all type pipe					
(i) up to 600 mm				$2 \times 2 \times 2.5 = 10.0 \text{ m}$	
(ii) 600 mm to 900 mm				$2 \times 2.50 = 5.0 \text{ m}$	
4" Culvert				2.0 NO 1000 mm dia	
(5) Earthwork in excavation					
				$2 \times 2 \times 6.45 \times 1.40 \times 1.50 = 54.18 \text{ m}^3$	
				$2 \times 1 \times 4.85 \times 1.50 \times 0.365 = 5.42 \text{ m}^3$	
					59.60 m³
					54.60 m ³
(6) P.C.C MIS as levelling					
				$2 \times 2 \times 6.45 \times 1.40 \times 0.15 = 54.18 \text{ m}^3$	
				$2 \times 1 \times 4.85 \times 1.50 \times 0.15 = 2.22 \text{ m}^3$	
				$2 \times 0.15 \times 0.7857 \times (1.23)^2 = 5.46 \text{ m}^3$	
				61.86 m³	
					5.924 m ³
(7) Brick work					
				$2 \times 2 \times 6.15 \times \frac{1.25 + 0.4}{2} \times 2.18 \text{ m}^3 = 52.362 \text{ m}^3$	
				$2 \times 2 \times 6.15 \times 0.4 \times 0.6 = 5.904 \text{ m}^3$	
					58.266 m ³
					$\text{less } 2 \times 2 \times 0.7857 \times (1.23)^2 \times 0.622 = 2.956 \text{ m}^3$
					55.310 m ³
(8) R.C.C frame pipe NP3 1000 mm dia					
				$2 \times 3 \times 2.5 = 15.0 \text{ m}$	
(9) plaster work					
outer side				$2 \times 2 \times 6.15 \times 1.85 = 45.51 \text{ m}^2$	
inner side				$2 \times 2 \times 6.15 \times 0.6 = 14.76 \text{ m}^2$	
top				$2 \times 2 \times 6.15 \times 0.4 = 7.84 \text{ m}^2$	
					68.11 m²
					72.03 m ²
					$\text{less } 2 \times 2 \times 0.7857 \times (1.23)^2 = 4.75 \text{ m}^2$
					67.28 m ²

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Particulars	Details of actual measurement				Contents of area
	Nc.	L.	B.	D.	
(10) cement punning					
Top	24	24	6.15	0.4	9.84 m ²
	24	4	0.4	0.6	1.92 m ²
	24	24	6.15	0.6	14.76 m ²
					26.52 m ²

④. East World Calculat as for graph

<u>SN.</u>	<u>Chain.</u>	<u>Dist.</u>	<u>Cut Area</u>	<u>Fill Area</u>	<u>Cut Volume</u>	<u>Roll Volume</u>
1	0+00	0	0.30	0.00	0.00	0-0
2	50+0	50	0.00	1.736	7.50	43.40
3	100+0	50	0.00	2.807	0.0	113.575

4	150.0	50	3.39	5.99	84.75	219.925
5	200.0	50	0.10	4.10	87.25	252.25
6	250.0	50	0.00	2.77	2.50	171.25
7	300.00	50	0.00	4.09	0.0	171.50
8	350.0	50	1.76	2.74	44.00	170.75
9	400.00	50	1.58	4.25	83.50	174.75
10	450.00	50	0.39	4.28	0.985	213.25
11	500.00	50	1.90	3.06	57.25	183.50
12	550.00	50	0.00	3.68	47.5	168.50
13	600.00	50	0.00	4.17	0.0	196.25
14	650.00	50	0.25	4.68	6.25	221.25
15	700.00	50	0.00	5.10	6.25	244.50
16	750.00	50	0.00	1.10	0.0	155.00
17	800.00	50	0.14	2.94	3.50	101.00
18	850.00	50	0.00	2.10	21.75	128.00
19	900.00	50	0.00	0.10	18.25	55.00
20	905	5	0.28	0.00	0.70	0.25

Total

469.43 2982.00
m3 Allow 40% = 1192.8

Sch. XLV-Form No. 134 Rs 92,472=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Lead 100m					
954.24 m ³ width 4 ft				12	
CB 14140/m ³					Rs 1,34,930=00
(2) Paving and firing log band					
2040 width 4 ft				14	
CB 10416.00/sack					Rs 20,832=00
(8) Earth work in excavation					
59.60 m ³ width 2 ft				8	
CB 258.89/m ³					Rs 15,430=00
(9) f-c-e mcs in leveling					
5.924 m ³ width 2 ft				6	
CB 6798.03/m ³					Rs 40,260=00
(10) Brick work					
55.31 m ³ width 2 ft				7	
CB 6670.35/m ³					Rs 3,68,937=00
(11) Hume pipe 1000 mm dia					
15.00 m width 2 ft				8	
CB 3847.92/m					Rs 57,719=00
(12) Plaster work					
67.28 m ² width 2 ft				9	
CB 194.05/m ²					Rs 13,056=00
(13) Cement punning					
26.52 m ² width 3 ft				10	
CB 48.69/m ²					Rs 1,291=00
(14) GSB 90-1					
243.00 m ³ width 4 ft				13	
CB 3577.04/m ³					Rs 8,69,221=00
Continuation					Rs 16,19,148=00

