

પ્રમાણિત કિયા જાના
દે કિ માપી પુલ મે મથાન
દેવીન 100 પુલ કિ સે લદાક
અધિકાર R.W.D પોનદાદા કે
પદનામ લે નિગાન કિયા ગયા છે


Executive Engineer
RWD Works Division
વિજેન્દ્ર પેત્રાદયાલ
1-7-21

Sch. XLV - Form No. 134

પાનકીદગાવ DIVISION
પોનદાદા SUB-DIVISION

Measurement Book
No.

1211

Name _____

Date of first entry _____

Date of last entry _____

2nd on A/c

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Work - Const. of Road					form
					Phenlake Road to Ansaari
					Total.
Agency -	MAA Sahasani Construction.				
Agreement No -	14 SBD/2022-23				
Date of work order -	27.09.2022				
Date of Completion -	26.09.2023				
Date of Meas -	10.04.2023				
$\frac{1}{6}$	Cond. of subgrade				
	shallow - cut & fill				
	2 x 5 x	30.0 x	1.50 x	0.175 =	78.75 m ³
	2 x 5 x	30.0 x	1.50 x	0.175 =	78.75 m ³
	2 x 5 x	30.0 x	1.50 x	0.175 =	78.75 m ³
	2 x 5 x	30.0 x	1.50 x	0.175 =	78.75 m ³
	2 x 3 x	30.0 x	1.50 x	0.175 =	47.25 m ³
					362.25 m ³
$\frac{2}{11}$	Paving & laying kerb.				
	Gr-III with 500 p.				
	cut & fill				
	2 x 15.0 x	8.75 x	0.075 =		8.43 m ³
	1 x 20.0 x	8.75 x	0.075 =		5.62 m ³
					14.05 m ³
$\frac{3}{17}$	Paving ordinary KH				
	stone - cut & fill				
	1.00 m ³				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{4}{18}$ Paving 2000 sq ft					
- cur & ft.					
		3.00	10.00		
$\frac{5}{22}$ Paving & laying 7					
Hot asphalt road					
manhole - cur & ft.					
	2.00	5.00	30.00	0.10	30.00 sq ft
	2.00	5.00	30.00	0.10	30.00 sq ft
	2.00	5.00	30.00	0.10	30.00 sq ft
	2.00	5.00	30.00	0.10	30.00 sq ft
	2.00	3.00	30.00	0.10	18.00 sq ft
					138.00 sq ft
$\frac{6}{25}$ Paving & laying 1000 sq ft					
Board - cur & ft.					
		2.00	10.00		
$\frac{7}{26}$ Paving & laying 6000 sq ft					
Detour Contingency 5000 sq ft					
		6.00	10.00		
$\frac{8}{27}$ Paving & laying 6000 sq ft					
Contingency 5000 sq ft					
		6.00	10.00		
$\frac{9}{28}$ Paving & laying 6000 sq ft					
4500 sq ft asphalt					
contingency 5000 sq ft					
		2.00	10.00		

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>10</u> 9	Paving & laying back				
	sally - on cut off				
2 x 3	x 30	x 0.375			67.50 m ²
2 x 3	x 30	x 0.375			67.50 m ²
2 x 3	x 30	x 0.375			67.50 m ²
2 x 3	x 30	x 0.375			67.50 m ²
2 x 3	x 30	x 0.375			67.50 m ²
2 x 3	x 30	x 0.375			67.50 m ²
2 x 3	x 30	x 0.375			67.50 m ²
2 x 3	x 30	x 0.375			67.50 m ²
2 x 2 x 3	x 30	x 0.375			45.00 m ²
					517.50 m ²
<u>11</u> 5	Const. of Embankment				
	with off road track				
	- cut off				
Change	4.5	Mean Area	Dist. m	Qty.	
0.00	2.633	—	—	(m ³)	
50.00	3.397	3.015	50.00	150.750	
100.00	4.337	3.867	50.00	193.350	
150.00	3.463	3.900	50.00	195.000	
200.00	4.400	3.932	50.00	196.575	
250.00	4.369	4.385	50.00	219.225	
300.00	4.131	4.250	50.00	212.500	
350.00	3.178	3.655	50.00	182.725	
400.00	4.022	3.600	50.00	180.000	
450.00	3.120	3.571	50.00	178.550	
500.00	1.237	2.179	50.00	108.925	
550.00	1.382	1.285	50.00	64.225	

Continuation

50.1881.825

m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Continuation

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{1}{1}$ Const. of reference					
4 wing bench mark					
- cur. C/F ft.					
T.M.B/P-6 = 0.690 Km					
eg 8286.68/Km					571820
$\frac{2}{2}$ Const. of reference					
Pillar - cur. C/F ft.					
T.M.B/P-6 = 0.690 Km					
eg 4800.33/Km					331220
$\frac{3}{3}$ clearing & grubbing of					
pool land -					
- cur. C/F ft.					
T.M.B/P-6 = 0.20 Hect					
eg 51137.38/Hect					1022720
$\frac{4}{5}$ Const. of Embankment					
bank - cur. C/F ft.					
T.M.B/P-15 = 1057.310m					
eg 189.95/m					20083620
$\frac{5}{8}$ Excavation for pool					
work - cur. C/F ft.					
T.M.B/P-7 = 59.83m ³					
eg 75.50/m ²					451720
$\frac{6}{10}$ Const. of G.S.B.					
- cur. C/F ft.					
T.M.B/P-7 = 65.11m ²					
eg 2813.93/m ²					18321520

Continuation

Cost 4,07,8252.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	4.07822
$\frac{7}{11}$ Paving & laying work					
Gravel with sand					
--- cur. C.F. job					
T.M.B / P-72	72	152	015	m ³	
T.M.B / P-12	12	14	05	m ³	
			166	065 m ³	
		3462.25		m ³	5.74959
$\frac{8}{15}$ Const. of Panel Canal					
Plan cent concrete					
Paving					
--- cur. C.F. job					
T.M.B / P-72	72	420	30	m ³	
		6558.68		m ³	27.56613
$\frac{9}{24}$ Paving & laying M.M.G.					
sign & Lays					
--- cur. C.F. job					
T.M.B / P-82	82	200	110	m ³	
		12672.28		m ³	25.34420
$\frac{10}{6}$ Const. of sub grade					
& shales - cur					
C.F. job					
T.M.B / P-12	12	362	28	m ³	
		191.64		m ³	69.42224

Continuation

Total 38,341.632

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B-6	38,34,632
$\frac{11}{17}$ Party adding KM					
5 ft					
T.M.B / P-122	122	1.00	170		
		2378.34			237820
$\frac{12}{18}$ Party 2 cm 5 ft					
- cut & fill					
T.M.B / P-132	132	3.00	170		
		628.85			188720
$\frac{13}{22}$ Party & lay Hdt.					
applied road way					
- cut & fill					
T.M.B / P-132	132	138.00	170		
		721.91			99,62420
$\frac{14}{25}$ Party & dry Mainline					
Bond. - cut & fill					
T.M.B / P-132	132	2.00	170		
		12672.28			25,34520
$\frac{15}{26}$ Pao. & dry 60 m 20 m					
later 5 ft					
T.M.B / P-132	132	4.00	170		
		3478.25			13,91320
$\frac{16}{27}$ Pao. & dry 60 m 20 m					
Cont. way 8 ft					
T.M.B / P-132	132	6.00	170		
		4727.90			28,36720

Continuation

40,05,67720

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	40,05,677 ²⁰
$\frac{17}{28}$ Paf dig			600 x 450 m ²		
rectangle			500		
T.H.B/P-132			2 cars		
			4054.18/m		8108 = 0
$\frac{18}{9}$ Paving & heavy brick					
slab - 200					
T.H.B/P-142			517.50 m		
			477.06/m		2,46,879 ²⁰
					42,60,664 = 0
<u>Adding</u>					
(1) G.S.T @ 12%					5,11,280 ²⁰
(ii) 2 cars @ 1%					42,607 ²⁰
					48,14,551 ²⁰
<u>Adding surcharge @ 10%</u>					
(1) Scaff. work = 1057.31 m ³					
			34.81/m ³		3680 = 0
(2) G.S.B = 65.11 m ³					
53 m ³ to 9.5 m = 39.06 m ²					
			620.62/m ²		2424 = 0
9.5 m ³ to 2.36 m					
			15.62 m ²		
			514.58/m		804 = 0
2.36 m below					
			23.43 m ³		
			119.10/m ²		279 = 0

Continuation

48,21,738²⁰

