

Name of work - Sonali Medical to Mahavir Dal Keshwar
Bhawani Tola

Schedule XLV-Form No. 134

2003-24
01/03/24

Dimaapur

DIVISION

Maner

SUB-DIVISION

MBNO-1556

Measurement Book

Name of Division - Maner Sub-Division

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Name of work - construction and fire jugs maintenance of road from Sonali-medical to Mahavir Rai ke ghar Bhawani Tola.					
Agency - Maa Shyam pati construction.					

Agreement No - 04/SBD/2023-24
 Date of agreement - 02-01-2024
 Time of completion - 12 months.

① S/F/F information
 board.
 1 No.

② clearing and grubbing road land.

$$\begin{aligned}
 1 \times 15 \text{ m} \times 5.50 \text{ m} + 6.00 \text{ m} &= 85.25 \text{ m}^2 \\
 3 \times 15 \text{ m} \times 7.00 \text{ m} &= 315.00 \text{ m}^2 \\
 1 \times 10 \text{ m} \times 7.00 \text{ m} &= 70.00 \text{ m}^2 \\
 1 \times 24 \text{ m} \times 5.00 \text{ m (AW)} &= 120.00 \text{ m}^2
 \end{aligned}$$

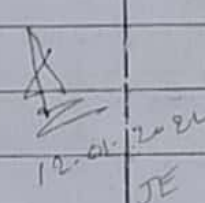
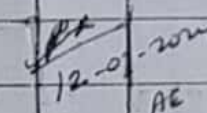
Continuation

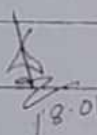
$$\frac{591.25}{10000} = 0.059125 \text{ Hect.}$$

$$= 0.059 \text{ Hect}$$

2.01.2024

2.01.2024

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Name of work and Agency					
S.M.E. —					
(1) Providing construction of embankment with soil obtained from borrow pits up to 1000m.					
1x 30m x 2.50m x 0.25m					(Av) = 18.75m
1x 18m x 2.50m x 0.25m					(Av) = 11.28m
					30.03m
(2) Construction of sub-grade soil obtained from borrow pits up to 1000m.					
1x 12.50m x 5.50m + 6.80m					2
					= 21.56m
3x 15m x 6.00m x 0.300m					= 81.00m
1x 10m x 6.00m x 0.300m					= 18.00m
1x 24m x 4.50m x 0.300m					= 32.40m
					= 152.96m
					
					
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Name of work and Agency					
Same					
① Construction of GSB with grading - I material.					
$1 \times 12.50 \text{ m} \times \frac{5.50 \text{ m} + 6.00 \text{ m}}{2} \times 0.100 \text{ m}$					$= 7.1875 \text{ m}^3$
$1 \times 17.50 \text{ m} \times \frac{3.95 \text{ m} + 3.80 \text{ m}}{2} \times 0.100 \text{ m}$					$= 6.7875 \text{ m}^3$
$1 \times 15 \text{ m} \times \frac{3.80 \text{ m} + 3.75 \text{ m}}{2} \times 0.100 \text{ m}$					$= 5.6625 \text{ m}^3$
$1 \times 15 \text{ m} \times \frac{3.75 \text{ m} + 3.85 \text{ m}}{2} \times 0.100 \text{ m}$					$= 5.700 \text{ m}^3$
$1 \times 9.40 \text{ m} \times \frac{3.85 \text{ m} + 3.85 \text{ m}}{2} \times 0.100 \text{ m}$					$= 3.619 \text{ m}^3$
$1 \times 5.60 \text{ m} \times \frac{3.15 \text{ m} + 3.50 \text{ m}}{2} \times 0.100 \text{ m}$					$= 1.8625 \text{ m}^3$
					$= 1.834 \text{ m}^3$
$1 \times 15 \text{ m} \times \frac{3.40 \text{ m} + 3.50 \text{ m}}{2} \times 0.100 \text{ m}$					$= 5.175 \text{ m}^3$
$1 \times 4 \text{ m} \times \frac{3.50 \text{ m} + 4.15 \text{ m}}{2} \times 0.100 \text{ m}$					$= 1.53 \text{ m}^3$
					$= 37.490 \text{ m}^3$
					$= 37.518 \text{ m}^3$
					
18.01.2024					
					
18.01.2024					

Continuation

2007-2008

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - construction and five years maintenance of road from Sonali-medical to Mathari's Rai ke ghar Bhowari Tola.					
Agency - Ma Shyam pati construction.					
Agreement No - 04/SPD/2023-24					
Date of agreement -					
Time of completion -					

① Providing construction of un-reinforced cement concrete pavement Max

$$1 \times 12.50 \text{ m} \times \frac{5.50 \text{ m} + 6.00 \text{ m}}{2} \times 0.160 \text{ m} = 11.500$$

$$\frac{6.00}{3.93}$$

$$1 \times 17.50 \text{ m} \times \frac{3.95 \text{ m} + 3.80 \text{ m}}{2} \times 0.160 \text{ m} = 10.850$$

$$1 \times 15 \text{ m} \times \frac{3.80 \text{ m} + 3.75 \text{ m}}{2} \times 0.160 \text{ m} = 9.060$$

$$1 \times 15 \text{ m} \times \frac{3.75 \text{ m} + 3.85 \text{ m}}{2} \times 0.160 \text{ m} = 9.120$$

$$1 \times 9.40 \text{ m} \times \frac{3.85 \text{ m} + 3.85 \text{ m}}{2} \times 0.160 \text{ m} = 5.790$$

$$\frac{3.85}{3.75}$$

$$1 \times 5.60 \text{ m} \times \frac{3.15 \text{ m} + 3.40 \text{ m}}{2} \times 0.160 \text{ m} = 2.979$$

$$1 \times 15 \text{ m} \times \frac{3.40 \text{ m} + 3.50 \text{ m}}{2} \times 0.160 \text{ m} = 8.280$$

$$1 \times 4 \text{ m} \times \frac{3.50 \text{ m} + 4.15 \text{ m}}{2} \times 0.160 \text{ m} = 2.448$$

$$= 60.027$$

Continuation

22.2.2024
JC

27.2.2024
PC

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① S/F/F informatory sign board.					
1 No vide P-①					
@ Rs 10876 = 05/each Rs 10876 = 00					
② clearing and grubbing road land.					
0.059 Hect - vide P-①					
@ Rs 75573 = 34/Hect - Rs 4459 = 00					
③ P/W E/work in construction.					
of embankment with soil obtained borrow pits.					
up to 1000 m.					
30.03 m ³ . vide P-②					
@ Rs 259 = 60/m ³ = Rs 7796 = 00					
④ construction of sub-grade with soil obtained from borrow pits.					
up to 1000 m.					
152.96 m ³ vide P-②					
@ Rs 259 = 941/m ³ = Rs 39760 = 00					
					/

Continuation

Rs 62,891 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B/F. -			R ₁ 62.83		1.00
(5) Providing construction of 6.58 with grading-I material.					
37.518 m ³ wide P-(3)					
@ R ₁ 3016 = 58/m ³			R ₁ 1,13,176		= 00
(6) Providing, laying, grading and compacting stone aggregate - WBM-Gr. III.					
28.139 m ³ wide P-(4)					
@ R ₁ 4328 = 11/m ³			R ₁ 1,21,789		= 00
(7) Providing construction of un-reinforced cement concrete pavement					
- - - M30 - - -					
60.027 m ³ wide P-(5)					
@ R ₁ 7804 = 88/m ³			R ₁ 4,68,504		= 00
			R ₂ 7,86,360		= 00
Add - 18% GST -			(+2 R ₂) 1,37,945		= 00
Add - 1% Labour cess -			(+1 R ₁) 7664		= 00
			R ₂ 9,11,969		= 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B/F		2	9,11,969		=00
Calculation for Seigniorage					
fee = cost of material.					
① E/W in embankment.					
30.02 m ³ wide ②					
@ Rs - 3525/m ³ — Rs. 105856					
② Construction of sub-grade					
152.96 m B. wide ②					
@ Rs - 757 = 56/m ³ — Rs. 5391 = 184					
③ GSB - gr-I					
37.518 m ³ wide ③					
@ Rs - 757 = 56/m ³ — Rs. 28422 = 13					
④ WBM - gr-II					
28.139 m ³ wide ④					
@ Rs - 1421 = 24/m ³ — Rs. 40358 = 08					
⑤ P/V c. c. pavement					
60.07 m ³ wide ⑤					
@ Rs - 1071 = 32/m ³ — Rs. 64354 = 19					
Rs. 1,39,584 = 81					
Seigniorage fee					
@ 10% of Rs. 1,39,584 = 81 = Rs. 13958 = 48					
S. F. - Say - Rs. 13958 = 00					
Rs. 925927 = 00					
Less - 0.50% as per					
agreement — (Rs. 4630 = 00)					

Continuation

22.2.2024

JE manm

Rs. 9,21,297 = 00

27-02-2024

8.29.22.24

कार्यपालक म. मयंला
ग्रामीण कार्य विभाग
कार्य प्रमंडल, दानापुर