

AGNI DEV KUMAR YADAV

2110f - 3054 - F. D.R - 2020-21

Schedule XLV-Form No. 134

2110f - 3054 - F. D.R - 2020-21

DIVISION

M. 6. No - 54

SUB-DIVISION

Measurement Book

M. 6. No - 54
2020-21

ग्रन्थालय (दूसरी बार सभी मुद्रित होने की विधि के अनुसार दिनांक १५-८-२०२१ (मुद्रित) यहाँ पर दिनांक ३१ अप्रैल, २०२१ तक सेवा की गई और इसकी मुद्रित विधि का अंत दिनांक १५-८-२१।

S. S.
20/6/21
Executive Engineer
Rural Works Department
Works Division Phulpur
Amrit
20/6/21

Sch. XLV - Form No. 134

MMU2185 DIVISION

Mitamari SUB-DIVISION

Measurement Book

No. 54

2020-21

Name of Officer Executive Engineer
Rural Works Department
Works Division, Phulpur
Amrit
20/6/21

Date of first entry 20/6/21

Date of last entry _____

List on A/c Bill

1

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	- Permanent restoration of road from Sanapatti to Hantoliya Path under FDR				
Name of Agency	Agriden Kumar Yadav				
Agreement No.					
Date of Commencement					
Date of Measurement	- 22.06.2021				
1. Const. of granular sub base G.I					
$10\text{ H}\times 1.80\text{ m} \times 1.50\text{ m} \times 0.200 = 5.40 \text{ m}^3$					
$16\text{ H}\times 1.60 \times 1.40 \times 0.200 = 7.17 \text{ m}^3$					
$20\text{ H}\times 2.25 \times 1.60 \times 0.100 = 7.92 \text{ m}^3$					
$24\text{ H}\times 2.10 \times 1.80 \times 0.100 = 9.09 \text{ m}^3$					
$20\text{ H}\times 2.40 \times 1.00 \times 0.100 = 9.60 \text{ m}^3$					
$22\text{ H}\times 2.20 \times 1.80 \times 0.100 = 8.71 \text{ m}^3$					
$18\text{ H}\times 1.75 \times 1.40 \times 0.200 = 8.82 \text{ m}^3$					
$19\text{ H}\times 1.80 \times 1.60 \times 0.100 = 5.49 \text{ m}^3$					
$17\text{ H}\times 2.00 \times 3.25 \times 0.100 = 7.50 \text{ m}^3$					
$21\text{ H}\times 2.40 \times 1.60 \times 0.100 = 8.06 \text{ m}^3$					
$24\text{ H}\times 2.00 \times 1.50 \times 0.100 = 7.20 \text{ m}^3$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Wall & D. + L. = 31 x 2.2 m. = 6.8 m. ²					15.61 sq ft
D. 1 m. & L. = 2.1 m. = 1.2 m. = 1.2 m. ²					8.46 sq ft
0.5 m. & L. = 2.5 m. = 1.2 m. = 1.2 m. ²					10.82 sq ft
0.5 m. & L. = 2.5 m. = 1.2 m. = 1.2 m. ²					6.48 sq ft
D. 1 m. & L. = 2.1 m. = 1.2 m. = 1.2 m. ²					10.82 sq ft
D. 1 m. & L. = 2.1 m. = 1.2 m. = 1.2 m. ²					10.82 sq ft
					12.9.23 sq ft

2. Providing a Stage

10.12.2019	Mon 2	
6 Mar 2019	2.95	50.62
11 Mar 2019	2.95	1.97
12 Mar 2019	2.95	101.95
13 Mar 2019	2.95	7.21
14 Mar 2019	2.95	33.95
15 Mar 2019	2.95	6.12
		201.10

D. S. 2021
22.5

Date 24.06.2021

L. Primus Cest

6 Ha	\times	20 m	\times	2.75	$=$	675.00
1 Ha	\times	20 m	\times	2.75	$=$	26.25
12 Ha	\times	20 m	\times	2.75	$=$	1350.00
1 Ha	\times	26 m	\times	2.75	$=$	97.50
4 Ha	\times	20 m	\times	2.75	$=$	450.00
1 Ha	\times	22 m	\times	2.75	$=$	82.50

2,681.25
M²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2. Tack coat					
Area same as					
prime coat cost - 2,681.25					m ²
3. Mixed surface					
Area same as					
tack coat - 2,681.25 m ²					
4. Cont of earthen					
shoulder					
2 Nos. x 6 Nos. x 30mx $\frac{(1.30 + 1.50) \times 0.30}{2} = 151.20$					m ³
2 Nos. x 1 Nos. x 9m $\frac{(1.30 + 1.50) \times 0.30}{2} = 5.88$					m ³
2 Nos. x 12 Nos. x 30mx $\frac{(1.30 + 1.50) \times 0.30}{2} = 302.40$					m ³
2 Nos. x 14 Nos. x 26mx $\frac{(1.30 + 1.50) \times 0.30}{2} = 21.84$					m ³
2 Nos. x 4 Nos. x 30m $\frac{(1.20 + 1.30) \times 0.30}{2} = 90.00$					m ³
2 Nos. x 1 Nos. x 22m $\frac{(1.20 + 1.30) \times 0.30}{2} = 16.50 m^3$					
					587.82 m ³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material Statement</u>					
Earthwork :-	587.82	m ³			
Stone Metal :-	366.50	m ³			
Loose Sand :-	30.70	m ³			
Stone Dust :-	58.32	m ³			
Stone Chips :-	72.38	m ³			
<u>Dimensions</u>					
Length :-	204				
Width :-	06.00	m			
Thickness :-	0.60	m			
<u>S.F.</u>					
Earthwork :-					
587.82m ³	@ Rs 34.28/m ³	x 10/			

→ R2047 = ∞

Granular sub base Gr.t

$$128 \cdot 3 = m^3 @ R_s \quad 551 = \frac{m^3}{m^2} \times 10\%$$

$\rightarrow 0.7074 = \dots$

WBM Gr III

$$101.1 = M^3 @ 83.703 = 87/m^3 \times 10\%$$

→ Q, 14, 455 ± 0.

Mix seal swifteing

$$2681.25 \text{ m}^2 @ R13 = 92 \text{ m}^3 \times 1 - y$$

$$\rightarrow R_2 \beta_7 \beta_2 = \dots$$

R, 27,008 = 20

~~25.06.2021~~ ~~26.06.2021~~
~~25.06.2021~~ ~~26.06.2021~~
Continuation

Continuation

Abstract of Let on A/c

5

Bill

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date	24.06.2021				
1. Const. of earthen					
shoulder with					
approximated material					
Vide this M.B. Page no 3 - m^3					587.82
$587.82 m^3 @ Rs 237 = 43/m^2$					
$\rightarrow Rs 1,32,566 = \infty$					
2. Const. of granular					
sub base Govt by					
providing well graded					
material					
Vide this M.B. Page no 2 - m^3					129.33
As per D.P.Q - $128.30 m^3$					
$128.30 m^3 @ Rs 3794 = 62/m^2$					
$\rightarrow Rs 4,86,857 = \infty$					
3. Providing laying					
spreading and compacting					
W.B.M.G III					
Vide this M.B. Page no 2 - m^3					201.10
$201.10 m^3 @ Rs 4,760 = 15/m^2$					
$\rightarrow Rs 9,57,266 = \infty$					
4. Providing and					
applying Primer coat					
Vide this M.B. Page no 2 - m^2					2681.25
$2681.25 m^2 @ Rs 49 = 67/m^2$					
$\rightarrow Rs 1,33,178 = \infty$					
$\rightarrow Rs 17,16,867 = \infty$					

Continuation

6 (Rs) 17,16,867/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5. Providing and applying tack coat					
Vide this M.B. Page 03 -					2,681.25 m ²
2,681.25 m ² @ Rs 16=87/m ²					
					→ (Rs) 45,233 = 00
6. Providing, laying and making of base graded granular surfacing of 20MM thick as per specification					
Vide this M.B. Page 03 -					2,681.25 m ²
2,681.25 m ² @ Rs 244=41/m ²					
					→ (Rs) 6,55324 = 00
					(Rs) 24,11,424 = 00
Add 12% G.T. Rs 2,90,091 = 00					
Add 1% L.C. Rs 24,114 = 00					
S. Fee - Rs 27,00,8 = 00					
					(Rs) 27,52,637 = 00
Deduct 0.11% as per contract → Rs 3,028 = 00					
					(Rs) 27,49,609 = 00
<i>[Signature]</i> 26.6.2021 26.6.2021					<i>[Signature]</i> 26.6.2021 26.6.2021