

HEAD - MR-N-2019-20 Danapur 107

Name of work:- निकुरागंज से टिकैतपुर तक पंच मरम्मत एवं पॉप पबीस
रख रखाव कार्य

04MBD
20-21

Schedule XLV-Form No. 134

Danapur

DIVISION

Name of A.E- Sri Ramesh Kumar Singh - Bihar

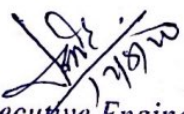
SUB-DIVISION

MEASUREMENT BOOK

Name of Agency - Santosh Kumar

1376

Certified that this M.L. contain
100 (One hundred) Nos of Machine
Pages & issued to Sri Ramesh
Kumar Singh A.E, R.W.D, works
Sub Division Bihda


Executive Engineer
Rural Works Department
Works Division, Danapur
18/08/20

Re-issued to Sri Anil Kumar
J.E, Bihda.


15/8/20
A.E.
Bihda.

Sch. XLV - Form No. 134

Danapur DIVISION

SUB-DIVISION

Measurement Book

No. 1376

Name of officer Sri Ramesh Kumar Singh

Date of first entry _____

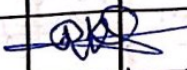
Date of last entry _____

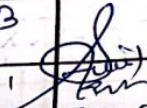
1
 Name of Work- Repair & maintenance of Rd
 Situation of Work- From Naurahang to Tikaitpur
 Agency by which work is executed- 3054, M.R. Santosh Kumar
 Date of Measurement-
 No. and date of agreement 04 MBD-2020-21
 (These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record meas upcom end					
Dt of measurement:- 20/8/2020					
① <u>C & G</u>					
clearing and grubbing					
Road land (By manual means)					
including uprooting					
wild vegetation, grass,					
bushes -- do -- do --					
Complete Job.					
$2 \times 46 \times 30 \times 1.0 = 2760 \text{ m}^2$					
$2 \times 7 \times 1.0 = 14$					
<u>2780 m^2</u>					
$= 0.278 \text{ Hac}$					
② Scarifying Existing Bituminous Surface:-					
Scarifying the existing					
bituminous road surface					
to depth of 150 mm and					
disposal of scarified					
material with a lift					

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record measurement</u>					
Dt of measurement → 15/9/2020					
① construction of subgrade and earthen shoulders -					
Construction of subgrade and earthen shoulders with approved material obtained from borrow pits - do do - job.					
	2	13	30	$0.4 \times 0.5 + 0.2 = 0.7$	$\frac{2}{109.2 \text{ m}^3}$
	2	26	30	$0.9 \times 0.9 + 0.2 = 1.01$	$\frac{2}{772.2 \text{ m}^3}$
	1	5	30	$0.3 \times 0.4 + 0.2 = 0.52$	$\frac{1}{13.5 \text{ m}^3}$
					<u>894.9 m³</u>
 15/9/20 A.E.  15/9/2020 J.E. Bhat					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>W.S.B. Record measurement</u>					
Dt of measurement → 16/11/2020					
W.S.B. for construction of G.S.B					
by providing well graded material					
Dt of measurement →					
s-do-do - complete job.					
ch:- 587 m to 1387 m					
$8 \times 6 \times 1.3 \times 1.75 = 10.92 \text{ m}^3$					
$9 \times 8 \times 1.5 \times 1.75 \rightarrow 18.9 \text{ m}^3$					
$12 \times 6 \times 1.2 \times 1.75 \rightarrow 16.38 \text{ m}^3$					
$8 \times 5 \times 1.0 \times 1.75 \rightarrow 7.0$					
<u>53.2 m³</u>					
Qty limited 52.7 m ³					
 16/11/2020					

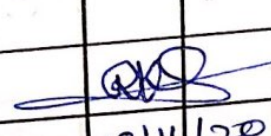
Record measurement

Dt of measurement → 18/11/2020

① W.B.M Gr-2

Providing, laying, spreading
and compacting stone aggregates
of specific sizes to water
bound macadam specification
including - do - do -
- - complete job.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8x6x1.3x0.075					4.68 m^3
12x5x1.1x0.075					4.95
9x8x1.5x0.075					8.1 m^3
7x10x0.9x0.075					4.725 m^3
6x9x0.85x0.075					3.44 m^3
12x6x1.2x0.075					6.48 2.7 m^3
8x5x0.9x0.075					2.7 m
					35.075 m^3
 18/11/20 J.E. Binta					18/11/2020

Record measurement

Dt of measurement $\rightarrow$ 20/11/2020

① WBM Gr-3

Providing, laying, spreading and compacting stone aggregate of specific sizes to water Bound macadam specification -- do -- do --
complete job.

8x6x1.3x0.075	$\rightarrow 4.68 \text{ m}^3$
12x5x1.1x0.075	$\rightarrow 4.95 "$
9x8x1.5x0.075	$\rightarrow 8.1 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ist and Final Bill					
<u>Abstract of Cost</u>					
Name of work → Neeragam J					
to Tikaitpur.					
Agency: - Santosh Kumar					
Agg. NO: -					
Dt of entry: - 02/12/2020					
Actual Dt of completion: 02/12/2020					

① clearing and grubbing					
Road land (by manual means)					
including uprooting wild					
vegetation, grass - do -					
do - complete job.					
Qty vide item M.B Page ①					
0.278 Hec @ Rs 51165.25/Hec					
→ Rs 14224 = 00					
② Scarifying Existing Bituminous					
Surface: -					
Scarifying the existing					
Bituminous road surface					

Continuation

Rs 14224 = 00

B/f Rs 14224=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
to a depth 150 mm					
and disposal -- do					
-- do -- complete job.					
Qty vide item M.B Page ②					
120 m ² @ Rs 15.74/m ²					
————→ Rs 1889=00					

③ Construction of Subgrade and earthen Shoulders:-
Construction of Subgrade and earthen shoulders.

with approved material					
obtained from borrow					
-- do -- do -- complete job.					
Qty vide item M.B Page ③					
894.9 m ³ @ Rs 220.46/m ³					
————→ Rs 197289=00					

④ G.S.B Gr-II
Construction of Granular Sub base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix

Continuation

Rs 213403=00

B/H Rs 3639635=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Stones / gaurdsails painting					
— do — do — Complete Job					
Only ride item M.B Page (13)					
16 Nos @ Rs 514.48 / Nos					
GST $\rightarrow 437744 = 00$					Rs 8232200
Labour cess $\rightarrow 364$					
Signage $\rightarrow 29210$					Rs 3647867=00
GST					
Labour cess + signage $\rightarrow +503$					433=00
Less 0.5% belap $\rightarrow 415$					1300=00
					21172=00
					4130128=00
					02/12/2020
09/12/20					J.E Bilwa
A.E.					

Material statement				
ETW $\rightarrow 894.9$	m^3			
G.S.B.				
metal $\rightarrow 40.42$	m^3			
L. Sand $\rightarrow 26.87$	m^3			
WBM				
metal $\rightarrow 63-45mm$	$\rightarrow 43.25 m^3$			
53-22.5mm	$\rightarrow 206.41 m^3$			
Binding material $\rightarrow$	$2.86 m^3$			
Screening $\rightarrow$	$50.59 m^3$			
Stone chips $\rightarrow$				
for SDB $\rightarrow$	$174.86 m^3$			
for MSS $\rightarrow$	$76.50 m^3$			

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SSI →		1.94	7one		
RS-1 →		1.555	7one		
Bitumen-S-90 →		19.71	7one		
<u>Details of Bitumen/Emulsion</u>					
<u>Item</u>	<u>Qty</u>	<u>invoice no/Date</u>			
SSI	7.4 MT	RAJ/AO 277/20-21			
		15/11/2020			
RS-1	7.4 MT	RAJ/AO 277/20-21			
		15/11/2020			
Bitumen	18.154 MT	BHSS 20136587/19/11/20			
	1.565 MT	BHSS 20135852			
		15/11/2020			

09/12/20
A.E.

2/12/2020
J.E. Bilota

Continuation