

HEED - MRN-2015-20 Darna Pur/107

Name of work - पेट बिदाग से से ऑफिस

04 MB
20-21 **Schedule XLV-Form No. 134**

Darna Pur

DIVISION

A.E Name - Sri Ramesh Kumar Singh - Bihar **SUB-DIVISION**

MEASUREMENT BOOK

Name of Agency - Sandosh Kumar

1374

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

[Signature]
Executive Engineer
Rural Works Department
Works Division, Danapur
[Signature]
12/08/20

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

[Signature]
15/8/20
A.E.
Bihda

Sch. XLV - Form No. 134

Danapur DIVISION
SUB-DIVISION

Measurement Book

No. 1374

Name of officer Sri Ramesh Kumar Singh

Date of first entry _____

Date of last entry _____

1
Name of Work— *Bihra lai Rd to Srirachanp*
Situation of Work— *MR (3054)*
Agency by which work is executed— *Santosh Kuma*
Date of Measurement—
No. and date of agreement *04/MBD/2020-21/10-8-20*
(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.	
<u>Record measurement:-</u>					
Dt of measurement:- 20/8/20					
① clearing and grubbing road land (By manual means) including uprooting wild vegetation, grass - do					
--do-- complete job.					
$2 \times 22 \times 30 \times 1.0 = 1320 \text{ m}^2$					
$2 \times 9 \times 30 \times 1.0 = 540 \text{ m}^2$					
$2 \times 10 \times 1.0 = 20 \text{ m}^2$					
					<u>1080 m²</u>
.0.188 Hae.					
② Scarifying Existing Bituminous Surface:-					
Scarifying the existing bituminous road surface to a depth of 150 mm and disposal of surface					

Continuation

[illegible]

Record measurement

same work of same agency
as above.

Dt of measurement $\rightarrow 25/8/2020$

① Construction of Subgrade and earthen shoulders with approved material obtained from borrow pits - do - do - complete job.

$$\frac{2 \times 21 \times 30 \times 1.1 \times 0.7 + 0.2}{2} =$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record measurement</u>					
Same work & same Agency as above previous Page.					
Dt of measurements - 28/11/20					
① <u>WBM Gr-2</u>					
Providing, laying, spreading and compacting stone aggregate of specific sizes to water Bond macadam					
-- do -- do -- complete job.					

$6 \times 8 \times 0.5 \times 0.075 = 1.8 \text{ m}^3$					
$8 \times 9 \times 0.6 \times 0.075 = 3.24$					
$12 \times 6 \times 0.8 \times 0.075 = 4.32$					
$16 \times 5 \times 1.0 \times 0.075 = 6.0$					
$9 \times 12 \times 0.5 \times 0.075 = 4.05$					
$11 \times 10 \times 0.9 \times 0.075 = 7.425$					
$4 \times 3 \times 0.4 \times 0.075 = 0.36$					
					<u>26.835 m^3</u>

② Providing and fixing of maintenance board:-
:- Providing and fixing of typical masonry infomatory sign board with

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Measurement:-					
same work & same Agency as per previous page.					
⑥ Dt of measurement:- 30/11/2020					
① Prime Coat:-					
Providing and applying primer coat with Bitumen emulsion on prepared surface of granular base including cleaning					
-- do -- do -- Complete Job,					
Ch:- 0 to 675 m					
$12 \times 6 \times 0.8 = 57.6 \text{ m}^2$					
$8 \times 10 \times 0.7 = 56 \text{ m}^2$					
$12 \times 7 \times 1.0 = 84 \text{ m}^2$					
$15 \times 9 \times 0.75 = 101.25 \text{ m}^2$					
$9 \times 13 \times 0.7 = 81.9 \text{ m}^2$					
$8 \times 9 \times 1.2 = 86.4$					
$4 \times 7 \times 0.6 = 16.8$					
$12 \times 10 \times 1.1 = 132$					
$6 \times 5 \times 0.7 = 33$					
$6 \times 30 \times 3.75 = 675 \text{ m}^2$					
$5 \times 4 \times 0.5 = 10 \text{ m}^2$					
Ch:- 675 m to 940 m					
$8 \times 30 \times 3.75 = 900 \text{ m}^2$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ist and 2nd Bill					
Abstract of Cost					
Name of Work					
Bihda Shiwala Rd to Shreechondpur					
Agency - Santosh Kumar					
Agg. No. - 04/MBD 2020-2021					10/8/20
Dt of Entry - 04/12/2020					
Actual completion date - 04/12/2020					

① clearing and grubbing road land (by manual means) including uprooting wild vegetation - do. do. - Job.

Qty vide M.B Page No. ①

0.188 Hec @ Rs 51165.25/Hec

→ Rs 9619 = 00

② scarifying existing bituminous surface -

Scarifying the existing bituminous road surface to depth

-- do -- do -- Job.

Qty vide item M.B Page ②

Continuation

Rs 9619 = 00

B/F Rs 9619=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
104.8 m ² @ Rs 15.74/m ²					
					Rs 1650=00
(3) Construction of subgrade and earthen shoulders: -					
Construction of subgrade and earthen shoulders with approved material					
-- do -- do -- Complete job.					
Only vide item M.B Page (3)					
623.7 m ³ @ Rs 220.46/m ³					
					Rs 137501=00

(4) G.S.B. Gr-II

Construction of granular subbase by providing well graded material, spreading in uniform layers -- do -- do -- Job

Only vide item M.B Page (3)

28.77 m³ @ Rs 2379.89/m³

Rs 68469=00

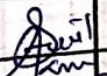
(5) WBM Gr-II

Providing, laying, spreading and compacting

Continuation

Rs 217239=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
material statement					
E/W →	623.7	m ³			
G.S.B. -					
metal →	22.07	m ³			
L. sand →	14.67	m ³			
W.B.M. -					
metal →	63-45mm	→ 32.47	m ³		
	53-22.5mm	→ 119.96	m ³		
Binding material →	2.15	m ³			
Screening →	31.05	m ³			

stone chips	→	197.69 m ³	
SS-1	→	1.95 tone	
RS-1	→	1.77 tone.	
Bitumen	→	14.21 tone.	
Details of Bitumen/Emulsion			
item	Qty	invoice no/dt	
Emulsion			
SS-1	7.4 MT	RAJ/A0277/20-21 15.11.2020	
RS-1	7.4 MT	RAJ/A0277/20-21 15.11.2020	
Bitumen	28.17 MT	BHSS 2013 / 17-11-2020 26587 5294	
		 09/12/20 A.C.	
		 4/12/2020 J.E. Bhat	
Continuation			