

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


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

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. 1373

Name of officer Sri Ramesh Kumar Singh

Date of first entry _____

Date of last entry _____

1

Name of Work- Binta Siwala Rd to madhubpur.
 Situation of Work-
 Agency by which work is executed- Santosh Karna
 Date of Measurement-
 No. and date of agreement 04/MRD-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 $\rightarrow$ 19/8/2020					
① clearing and grubbing Road land (By manual means) including uprooting wild vegetation, grass, bushes — do — do — Complete job					
$2 \times 33 \times 30 \times 1.0 = 1980$					
$2 \times 7 \times 1.0 = 14$					
					1994 m ²
$= 0.1994 \text{ Hac}$					
② Providing and fixing Logo of maintenance project: — Providing and fixing of typical mm/ly informatory sign board as per MORD specification. — do — do — job.					
(1) Providing & fixing logo of maintenance $\rightarrow$ 2 Nos					
(2) Maintenance Board $\rightarrow$ 1 Nos					
Signature Date 19/8/2020					

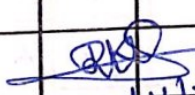
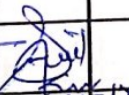
Continuation

[Signature]
 19/8/2020
 J.E Binta

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Measurement:-					
Dt of measurement 5/9/2020					
① Scarifying Existing Bituminous Surface:-					
Scarifying the existing bituminous road surface to a depth of 150 mm and disposal of scarified --					
do - do - Complete Job.					
$6 \times 12 \times 0.8 = 57.6 \text{ m}^2$					
$5 \times 7 \times 0.6 = 21 \text{ m}^2$					
$8 \times 5 \times 1.1 = 44 \text{ m}^2$					
$5 \times 9 \times 0.7 = 31.5 \text{ m}^2$					
$4 \times 5 \times 0.6 = 12 \text{ m}^2$					
<u>166.1 m²</u>					
Qty Limit = <u>165.94 m²</u>					
② Construction of Subgrade and earthen shoulders:-					
Ch-0-510 m					
$2 \times 17 \times 30 \times 1.0 \times \frac{.5 + .3}{2} = 408$					
Ch-710-997					
$2 \times 9 \times 30 \times 0.9 \times \frac{0.5 + .4}{2} = 218.7$					
$2 \times 18 \times 1.0 \times \frac{.5 + .2}{2} = 12.6 \text{ m}^2$					
<u>639.3 m²</u>					

Continuation


 5/9/2020
 J.E. Bilal

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record measurement</u>					
Dt of measurement:-					05/XI/2020
(1) <u>G.S.B. Gr-II</u>					
Construction of granular Subbase by providing well graded material spreading in uniform layers — do — complete job.					
$8 \times 10 \times 1.0 \times 0.175 = 14 \text{ m}^3$					
$6 \times 8 \times 0.75 \times 0.175 = 6.3 \text{ m}^3$					
$12 \times 6 \times 1.2 \times 0.175 = 15.2 \text{ m}^3$					
$6 \times 5 \times 0.9 \times 0.175 = 4.725 \text{ m}^3$					
$4 \times 7 \times 0.6 \times 0.175 = 2.94$					
<u>43.085 m³</u>					
 05/XI/2020 A.E.  05/XI/2020 J.E. Binta					
<u>Record measurement</u>					
Dt of measurement → 24/XI/2020					
(1) <u>WBM Gr-2</u>					
Providing, laying, spreading and compacting stone aggregates of specific sizes to water					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -					
Repair work of Slab culvert -					
Record measurement -					
Dt of measurement -					08/12/2020
① Brick masonry work in cement mortar 1:3 in Parapet excluding pointing and					
Plastering - do - do - Completely					
Parapet -		2 x 5.0 x 0.6 x 0.5 =			3 m ³

② Plastering with cement mortar (1:4), 15 cm thick on brick work in sub-structure as per - do - do - Job.					
Parapet -	4 x	5.0 x 0.6 =			12.0 m ²
Top	= 2 x	5.0 x 0.5 =			5.0 m ²
End Side :-	4 x	0.6 x 0.5 =			1.2 m ²
Abutment =	2 x	6.0 x 2.0 =			24.0 m ²
					<u>4 2.2 m²</u>

Continuation

Is it and Final Bill.			
<u>Abstract of 087</u>			
Name of work:-			
Binta siwala Rd to madhupur.			
Agency:- Samtosh Kumar.			
Agg. No:- 04/MRD-2020-21			
Actual Dt of completion = 10-8-2020			
Dt of Entry :- 8/12/2020			
(1) clearing and grubbing Road land (By manual means)			
Continuation			

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
do - complete job.					
Qty vide item M.B Page (2)					
639.3 m ² @ Rs 220.46/m ²					
→ Rs 140940=00					
(4) G.S.B Gro-1					
Construction of granular sub-base by providing well graded material, spreading in uniform layers -- do -- do -- complete job.					
Qty vide item M.B Page (3)					
43.085 m ³ @ Rs 2370.65/m ³					
→ Rs 102139=00					
(5) WBM Gro-2					
Providing, laying, spreading and compacting stone aggregates of specific sizes to Water Bond macadam specification -- do -- do -- complete job.					
Qty vide item M.B Page (4)					
40.97 m ³ @ Rs 4482.47/m ³					
→ Rs 183647=00					
Rs 439540=00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Planting of trees:-					
Planting of trees by the					
the road side in 0.60 m dia					
holes, --do--do-- complete job					
Qty vide item M.B Page (11)					
54 Nos @ Rs 1127.98/Nos					
→ 60 911 = 00					
(15) Road marking with hot					
applied thermoplastic compound					
with reflectorising --do--					
do complete job					
Providing and laying					
of hot applied thermoplastic					
Compound 2.5 mm thick inclu-					
ding reflectorising glass					
--do--do-- complete job.					
Qty vide item M.B Page (12)					
203 m ² @ Rs 722.25/m ²					
→ Rs 146617 = 00					
(16) Providing and fixing 'Logo' of					
Maintenance for sect:-					
Providing and fixing of typical					
MMGSy informative sign board					
with logo as per MORD					

Continuation

Rs 2686503 = 00

B/F Rs 2739115=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Plastering with cement mortar (1:4), 15 cm thick on brick work in substructure. - do - do - Complete job.					
Qty vide item M.B Page (13)					
42.2 m ² @ Rs 141.66/m ²					
→ Rs 5978 = 00					
(20) Painting two coats on new concrete -					
Painting two coats including					
Primer coat after filling the surface Synthetic enamel paint - do - do - Complete job.					
Qty vide item M.B Page (14)					
42.2 m ² @ Rs 97.19/m ²					
→ Rs 4101 = 00					
Rs 2749194 = 00					
Add labour cess 7%					27491 = 00
Add G.S.T. (12%)					→ 329903 = 00
Add Seigniorage charge					→ 21230 = 00
					3127818 = 00

Continuation

B/F R₃ 3127818 = 0

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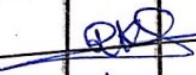
material statement

Material Statement	
E/W	639.3 m^2
USB Metal	33.08 m^3
L. Stone	21.97 m^3
WBM Gr-2	
metal	49.57 m^3
Screening	11.06 m^3
Bitumling material	3.28 m^3
WBM Gr-3	
metal	114.30 m^3
Screening	22.06 m^3
stone chips	197.73 m^3
Emulsion	
SSI	1.07 tone
RS-1	1.47 tone

Continuation

Sch. XLV-Form No. 134

Sch. XLV Form No. 1					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Bitumen → 15-03 zone.					
Bitumen/Emulsion Details					
item	Qty	Invoice No.		Date	
SS-1	7.4 MT	RAJ/A02077		15-11-2020	
		2020-21			
RS-1 →	7.4 MT	RAJ/A02077		15-11-2020	
		2020-21			
	19.5 MT				
Bitumen	BH SS20			27/11/2020	
CS-90	132330				
	28.17 MT				
	BH SS20/3			17.11.2020	
	5294				


 10/12/20
 A.E. J.E. Bhatta

Continuation