

HEAD - MR-N-2020-21 Dana Pur/14

Name of work - बिहार में जी समू से नथुपुट

MBD
2020-21

Measurement Book

Schedule XLV-Form No. 134

Dana Pur

DIVISION

Name of A.E. - Sri Ramesh Kumar Singh Diba SUB-DIVISION

Name of Agency - श्री शामपति का मरुभूमि - MB NO - 1393

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


Executive Engineer
Rural Works Department
Works Division, Danapur
01/9/20

Re-issued to Sri Anil Kumar
J.E, Bihda. 01/9/20
A.E
Bihda.

Sch, XLV-Form No. 134

Danapur DIVISION
SUB-DIVISION

Measurement Book

No. 1393

Name of Officer Sri Ramesh Kumar Srin

Date of first entry _____

Date of last entry _____

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work:-					
Bikta Jal PWD Rd to					
Nathupur.					
Work - New Maintenance Policy - 2018					
Agency - MA Syambati Construction					
Agreement No. & Date -					
10 M BD / 2020-21 / 01/09/2020					

Reference measurement
 at of measurement - 4/3/21

① Clearing and grubbing
 Road land (By manual means)
 including uprooting wild vegetation
 -- do -- do -- complete job.

$$2 \times 33 \times 30 \times 1.0 = 1980 \text{ m}^2$$

$$2 \times 10 \times 1.0 = 20 \text{ m}^2$$

$$2000 \text{ m}^2$$

$$0.20 \text{ Hae}$$

② Scarifying Existing
 Bituminous Surface:-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record measurement					
Dt of measurement:- 21/3/21					
(1) <u>Work No. 2</u>					
Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness - do - do - complete job					
3 X	8.35	X 0.9	X 0.075	=	1.69 m ³
1 X	0.87	X 1.64	X 0.075	=	0.11 m ³
2 X	5.31	X 2.12	X 0.075	=	1.69 m ³

2 X	8.38	X 1.8	X 0.075	=	2.26 m ³
3 X	4.88	X 1.83	X 0.075	=	2.01 m ³
3 X	6.84	X 1.33	X 0.075	=	2.05 m ³
2 X	10.84	X 0.52	X 0.075	=	0.79 m ³
4 X	2.27	X 0.91	X 0.075	=	0.62 m ³
7 X	7.68	X 1.72	X 0.075	=	6.94 m ³
7 X	9.47	X 2.02	X 0.075	=	10.04 m ³
					28.2 m ³
Qty limit → 28.125 m ³					

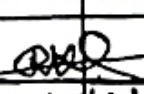
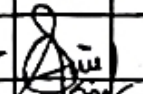
(2) Plastering with cement mortar (1:4) -

Plastering with cement mortar (1:4) on brick work in sub structure as per technical

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
① Clearing and Grubbing Road land (By manual means) including uprooting wild vegetation, grass - do - do - Complete job.					
Qty vide item no Page ①					
0.20 Hec @ Rs 49524.62/Hec					
→ Rs 9905 = 00					
② Scarifying existing Bituminous surface:-					
Scarifying the existing bituminous road surface to a depth - do - do - Job					
Qty vide item no Page ②					
187.50 m ² @ Rs 15.40/m ²					
→ Rs 2888 = 00					
③ Construction of Subgrade and earthen shoulders:-					
Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lift and leads					
Rs 12793 = 00					

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material Statement</u>					
E/W →	585.9	M ³			
GSD ← metal →	20.13	M ³			1
L. sand →	13.387	M ³			
	metal →	34.03	M ³		
WBM-2 ← screening →	7.53	M ³			
B. material →	2.25	M ³			
	metal →	81.06	M ³		
WBM-3 ← screening →	16.077	M ³			
stone chips →	160.905	M ³			
Bitumen →	12.768	tone			
Brick → 2400 nos					Cement → 7.66 tone
sand → 2.6	M ³				
emulsion → SS-1 →	0.759	tone			
RS-1 →	1.393	tone			
<u>Bitumen/Emulsion Details</u>					
S.N.	item	invoice No.	Dt	Qty.	
1	emulsion SS-1	IP/BR/TJ/2021/	22/11/2020	1.8	MT
2	emulsion RS-1	"	"	2.0	MT
3	Bitumen	20215869 B00	22/11/20	12.677	ton
		2063 (BH5520137022)			
4	"	BH 5520137026	22/11/20	1.409	ton
 03/5/21 A.E.  27/4/21 J.E. Bilwa					