

NATHUNI BAITHA MEDNIPUR TO PMHSY
Schedule XLV-Form No. 134
ROAD MEDNIPUR UNDER MMHSY (SC)

ग्रामीण कार्य विभाग कार्य प्रमंडल सुपरी **DIVISION**

ग्रामीण कार्य विभाग कार्य प्रमंडल सुपरी **SUB-DIVISION**

MEASUREMENT BOOK

NC2478

संकेतक :- निलेश कुमार / गुलामगुलाम

1st on A/c Bill

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.	
N/W:- Constr. of Road 2 CD					
works with maintenance					
for Nathani Baitha Mednagar					
to Prusy Road Mednagar					
under masonry					
N/Agency:- Nilesh Kumar at					
baban Bigha Road no-1					
Kanhauli Muzaffarpur					

Agreement no:- 16580 of 2021-22
~~06-06-21~~
 Date of Start:- 8-06-21
 Date of Completion:- 7-03-22
 Actual date of Completion:- work in progress.

Work Done

(1/2) P/R 2 Fixing of working benchmark pillar

(a) working benchmark pillar

PM = 0.5 km

(b) Reference pillar

PM = 0.5 km

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2/3) clearing & grubbing Road Land etc					
$2 \times 500 \text{ m} \times 3.5 \text{ m} = 3500 \text{ m}^2$					
$3500 / 10000 = 0.3514$					
					$\phi H = 0.3514$
(3/4) Excavation for Roadway in soil using manual means etc					
$2 \times 200 \text{ m} \times 0.375 \times 0.1 \text{ m} =$					
					$\phi H = 21 \text{ m}^3$

(4/5/6) Constr of embankment with material obtained from borrow pit etc					
(a) Lead 1000m					
ϕH taken approximately 40% of total ϕH .					
$\phi H = 268.4 \text{ m}^3$					
					$\phi H = 268.4 \text{ m}^3$
(b) Lead 100m					
ϕH taken approximately 40% of total ϕH .					
$\phi H = 231.43 \times 40\%$					
231.43 30% 60					$\phi H = 92.57 \text{ m}^3$
(5/8/13) Constr of granular					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sub-base by providing well graded material etc					
in BT-	5	30m	4.05m	0.2m	$= 145.8m^3$
in PCC Box-	2	3	30m	0.375	$\times 0.1 = 20.25m^3$
	2	10m	0.375	0.1m	$= 0.75m^3$
Profile -	15m	2.0m	0.1m		$= 3m^3$
	12m	1.5m	0.1		$= 1.8m^3$
	22m	2m	0.1		$= 4.4m^3$
Grand Total 3-01-22 30					$\phi H = 176m^3$
(6/7) Cost of Subgrade					

2 earthen shoulder etc					
1 x 200m x 5m x 0.3m					$= 300m^3$
					$\phi H = 300m^3$
(7/9+14) P/v, Laying, Spreading					
2 Compacting of WBM-3 etc					
15 x 30m x 3.75 x 0.075					$= 126.56m^3$
10m x 3.75m x 0.075					$= 2.81m^3$
Grand Total 24-01-22 30					$\phi H = 129.37m^3$
(8/15) Cost of un-reinforced					

Continuation

[illegible]

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(2/1/2) P/v 2 Fixing of working benchmark Pillar.					
① Qty vide TMB P-2					
Qty = 0.5 km					
@ ₹ 4015 = 4/km				₹ 2007 = 00	
(b) Reference Pillar					
Qty vide TMB P-1					
Qty = 0.5 km					

					₹ 22 = 00
@ ₹ 1815 = 38/km				₹ 322 = 89	
(2/3) clearing & grubbing road land etc					
QTY vide TMB P-2					
QTY = 0.35/Ha					
@ ₹ 52970 = 33/Ha				₹ 18539 = 00	
(3/4) Excavation for Roadway in soil using manual means etc					
QTY vide TMB P-2					
QTY = 21 m ³					

Continuation

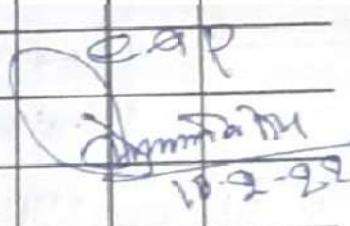
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ ₹ 75 = 57/m ³				₹	1586=00
(4/5/6) Constn. of embankment with material obtained from borrow pit etc.					
(a) Lead 1000 m					
Qty vide TMB P-2.					
Qty = 268.4 m ³					
@ ₹ 190 = 57/m ³				₹	51148=00
(b) 100 m Lead					
Qty vide TMB P-2					
Qty = 92.57 m ³					
@ ₹ 152 = 15/m ³				₹	14084=00
(5/7) Constn. of subgrade & earthen shoulder etc.					
Qty vide TMB P-3					
Qty = 300 m ³					
@ ₹ 191 = 76/m ³				₹	57528=00
(6/8+13) Constn. of granular sub-base by providing well graded material etc.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMB P-3					
					Qty = 176 m ³
@ ₹ 2830 = 42/m ³					₹ 498153 = 0
(7/9+14) P/v, laying, spreading & compacting of WBM-3 etc.					
Qty vide TMB P-3					
					Qty = 129.87 m ³
@ ₹ 3443 = 13/m ³					₹ 445445 = 00
(8/15) Const. of un-reinforced Plain cement concrete Pavement etc.					
Qty vide TMB P-3/4					
					Qty = 168 m ³
@ ₹ 7597 = 32/m ³					₹ 1276349 = 0
(9/26) P/v & Fixing of typical massy formwork sign board etc.					
Qty vide TMB P-4					
					Qty = 2 No.
@ ₹ 3576 = 8/No					₹ 19153 = 00
					Total = ₹ 2384914 = 0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF =	2384914=0
Add 1% L/cess				=	23849=00
Add 12% LST				=	286189=0
Add S/fee				=	31302=00
				Net =	2726254=0

Continuation