

Nawalpur Yadvav to Black Top Road (CC)

Mohan Paurad (Fathabur)

Schedule XLV Form No. 134.

DIVISION	Sub-Division
R.D.D. (All)	FATEHPUR
D.E.A. (All)	Mohandas

**Measurement Book**

3002

Paged - 65 Y S 92210

1st on the Bill

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 - Construction					
of Road From Naiku					
Yadan to Black Top					
road under MMASy (SC)					
Name of Agency - Mohan Prasad,					
At - Chopalwala, P.S.P.O.-					
Fatehpur, Distt-Champi.					
Agreement No. - 90/MMASy(SC)/20-21					
Date of commencement - 04.01.21					
Date of completion - 03.09.21					
Date of measurement - 20.3.21					
(i) Const. of Bench mark					
Reference Pillars					
- - e.t.c					
0.423 KM					
(ii) Reference of Work					
bench mark - -					
0.423 KM					
(iii) Reference Pillars / Buoys,					
- - o.t.c					
0.423 KM					

4th and Final Bill

B.M.D. MURTHY & CO.

EXECUTING ENGINEERS

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Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
<u>Name of Work :- Construction</u>						
<u>of Road from Nanku</u>						
<u>Yadav to Black</u>						
<u>Top road.</u>						
<u>Under name Gisy (SC)</u>						
<u>Agency:- Mohan Basad</u>						
<u>Office - Gopal Keda</u>						
<u>Opp-Post - Fatehpur</u>						
<u>Dist - Graya</u>						
<u>Agreement no - 90/4M Gisy/LC/SBD/</u>						
<u>2020-2021 - 120532.00</u>						

Date of Commencement - 04-01-2021

Date of Completion - 03-09-2021

Up to Date of Measurement

(1) Construction of
Subgrade and
E/S Loulder - do - do
$1 \times 30.0 \times 7.50 \times 0.30 = 67.50 \text{ m}^3$
$6 \times 30.0 \times 7.0 \times 0.30 = 378.0 \text{ m}^3$
$7 \times 30.0 \times 7.50 \times 0.30 = 472.50 \text{ m}^3$
Total = <u>921.0 m<sup>3</sup></u>
(2) Toping Can't done due to Rice crop between 30mmp <del><math>2 \times 4 \times 2.50 \text{ m} = 20.0 \text{ m}</math></del>
(3) Construction of

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Granular Sub base					
by well graded sand					
soil mix Gr I & II					
1 X 0.60 X $\frac{5.0 + 4.05}{2} \times 0.200 = 5.43 \text{ m}^3$					
2 X 1 X 3.60 X 4.05 X 0.200 = 48.6 $\text{m}^3$					
1 X 8.0 X $\frac{4.05 + 4.15 + 4.05}{3} \times 0.200 = 6.53 \text{ m}^3$					
10 X 1 X 3.60 X 4.05 X 0.200 = 243.0 $\text{m}^3$					
1 X 28.0 X $\frac{4.05 + 4.10 + 4.05}{3} \times 0.200 = 22.78 \text{ m}^3$					
1 X 29.0 X 4.05 X 0.200 = 93.4 $\text{m}^3$					
Total = 349.84 $\text{m}^3$					
Loss = 349.4 $\text{m}^3$					

(3) Paving, Layout  
 spreading P

Compacting width				
Cross I.I. - 8.0 fm				
T.C	1 X 6.0 X $\frac{5.0 + 3.75}{2} \times 0.025 = 1.97 \text{ m}^3$			
	2 X 1 X 3.60 X 3.25 X 0.025 = 16.875 $\text{m}^3$			
P.W.	1 X 8.0 X $\frac{3.75 + 4.10 + 3.75}{3} \times 0.025 = 2.32 \text{ m}^3$			
A.E.	1 X 10.0 X 3.60 X $\frac{3}{2} \times 0.025 = 84.375 \text{ m}^3$			
	1 X 28.0 X $\frac{3.75 + 4.05 + 3.75}{3} \times 0.025 = 8.08 \text{ m}^3$			
	1 X 29.0 X 3.75 X 0.025 = 8.16 $\text{m}^3$			
	Total = 121.78 $\text{m}^3$			
	Loss = 121.35 $\text{m}^3$			

# ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1)/1	Construction of				
	Reference and				
	Cleaving Benchmark				
	—do— do—				
	0.423 Km & by 1m <sup>2</sup> page	(16)			
	@ ₹ 3658.40/km	₹ 1552=0			
(2)/2	Construction of				
	Reference Pillar				
	and Blowers, do—				
	0.423 Km & by 1m <sup>2</sup> page	(16)			
	@ ₹ 1662.52/km	₹ 703=0			
(3)/3	Cleaving and				
	Grubbing road				
	land—do.—do—				
	0.296 Hec & by 1m <sup>2</sup> page	(18)			
	@ ₹ 52998.20/Hec	₹ 15687=0			
(4)/4	Construction of				
	embankment with				
	approved material				
	—do— do—				
	495.183 m <sup>3</sup> & by 1m <sup>2</sup> page	(26)			
	@ ₹ 192.03/m <sup>3</sup>	₹ 95090=0			
(5)/5	Construction of				
	embankment with				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Approved material				
	Lead 100 m	do do			
1154.91 m <sup>3</sup>	Qty TMS Page	(26)	14(3)		
@ ₹ 154.58/m <sup>3</sup>					₹ 178526=00
(6)/7	Construction of				
	Subgrade & C/shoulder				
	do do				
1224.72 m <sup>3</sup>	Qty TMS Page	(24)	7		
@ ₹ 176.64/m <sup>3</sup>					₹ 216343=00
(7)/8	Construction of				
	Granular subbase				
	by Pounding well				
	graded material				
	grading I do do				
349.48 m <sup>3</sup>	Qty TMS Page	(22)	02		
@ ₹ 1870.54/m <sup>3</sup>					₹ 653786=00
(8)/9	Pounding laying,				
	spreading sand				
	Compacting laying				
	Grass do do				
121.35 m <sup>3</sup>	Qty TMS Page	(22)	3		
@ ₹ 2421.13/m <sup>3</sup>					₹ 293804=00
(9)/10	Pounding and applying				

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Primer coat					
S 31 - do - do					
1515.01 m <sup>2</sup> 8 ty m <sup>3</sup> Pge (23)					
@ ₹ 43.38/m <sup>2</sup> - ₹ 6771=00					
(10)/11 Providing and applying Paint coat Rst - do - do					
1515.01 m <sup>2</sup> 8 ty m <sup>3</sup> Pge (23)					
@ ₹ 15.16/m <sup>2</sup> - ₹ 22967=00					
(11)/12 Providing, laying and soleing of					
Close Graded Brickwork Surface					
MCS Pipe 'B' - do - do					
1515.01 m <sup>2</sup> 8 ty m <sup>3</sup> Pge (23)					
@ ₹ 179.42/m <sup>2</sup> - ₹ 271823=00					
(12)/13 Providing and fixing km stone do					
2.0 nos 8 ty m <sup>3</sup> Pge (24)					
@ ₹ 1973.20/m <sup>2</sup> - ₹ 3946=00					
(13)/14 Providing and fixing room stone					
-do- do -					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2.0 mls 8ly TMS Page 14(11)				(25)	
@ ₹ 4431.33/m <sup>2</sup>					₹ 8863=00
(18)/23 Earthwork					
excavation for					
structure do - do -					
52.23 m <sup>3</sup> 8ly TMS Page 62				(16)	
@ ₹ 305.42/m <sup>3</sup>					₹ 15952=00
(19)/24 Pounding PCC					
M15 do open					
foundation - do - do					
5.29 m <sup>3</sup> 8ly TMS Page 03				(16)	
@ ₹ 4232.26/m <sup>3</sup>					₹ 22388=00
(20)/25 Pounding PCC M20					
in open foundation					
- do - do -					
37.64 m <sup>3</sup> 8ly TMS Page 04				(17)	
@ ₹ 4689.63/m <sup>3</sup>					₹ 176518=00
(21)/26 Pounding PCC M20					
in sub structure do					
20.33 m <sup>3</sup> 8ly TMS Page 17				(18)	
@ ₹ 4902.22/m <sup>3</sup>					₹ 99662=00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22)/27	Ponding, laying Rcc NIP3 pipe				
	1000mm	do	do	-	
15.0 M	Qty Tms	Page	(17)	VS	
	@ ₹ 3770.19 /M				₹ 56553=00
23/28	Laying Cement Concrete Pipe Rcc NIP3 30mm Ø				
	do	do	do	-	
20.0m	Qty Tms	Page	(21)	2	
	@ ₹ 740.17 /M				₹ 14803=00
					₹ 2256557=00
Add GST @ 12%	₹ 270787=00				
Add L.C @ 1%	₹ 22565=00				
					₹ 2549909=00
Add Seigniorage fee	₹ 49382=00				
					₹ 2599291=00
Less 0.18% below as per AGG	₹ 4679=00				
					₹ 2594612=00
Less Previous bill paye	₹ 1836614=00				
					Net ₹ 757998=00
<i>S.B 26/12/23</i>				<i>C.R 28/12/23</i>	
<i>T.E</i>				<i>A.E</i>	

### Continuation