

~~Nazarpur To L,046 - GTSNY~~  
~~Schedule Xlv-Form No. 134~~

P-86T

R.W.D KISHANBANJ - I DIVISION

(Subdiv)

R.W.D KOCHADHAMAN SUB-DIVISION

~~Agency :- MD. ANZAR ALAM~~

**MEASUREMENT BOOK**

1842

~~Agreement No. :- 39/GTSNY/SBD/2018-19~~

J.S.T. M.I.H.C. M.L.C.

Name to 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.	
Work No.—	Gangi Rd ton. Naijarpur				
To	2046 unal. G-78. A.Y.				
Scale	—				
Agency	Md. Anjum Alam				
Agreement No.	39/GPS A.Y. 8/83 D/1	2018-19			
Agreement value	Rs 83,75,766/-				
Eff. Comm.	04.09.18				
Eff. of Job	03.06.19				
Eff. of Measurement	25.2.19				

(1) Cost of benchmark

$$2 \times 27 \times 25.04 = 1350.04 = 1.35 \text{ km}$$

(2) Cost of Reference pillar

$$2 \times 27 \times 25.04 = 1350.04 = 1.35 \text{ km}$$

(3) Cost of Chearp & Grab Lip

of Ned. Land —

$$2(2 \times 27) \times 25.04 \times 1.04 = 2700.04 \text{ m}^2$$

$$\text{or } 2700.04 \text{ m}^2 / 10,000 : 0.27 \text{ Ha}$$

(4) Cost of embankment cut

Mainly obtained

from bed pillars.

Rs - 7. 0/-

Continuation

## Bt-yr Maintenance Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) M.W.D.		Main Locality of road form			
		Nazirpur	T.O.L.D. 46		
Agey		Mr. Anjum Alam			
Agg No.	39	G.T.S.N.Y.H	8m. S.I. 2018-19		
Aerial	total Comp	→	12.04.19		
Total Measurement →					
$12.04 \times 3.2 = 38.53$					
$12.04 \times 2.2 = 26.48$					
$26.48 + 38.53 = 64.00$					
<u>(1) Reservoirs of Rain water</u>					
2x	17.60	$\times 1.20 \times .90 =$	38.02 m <sup>3</sup>		
1x	6.82	$\times 1.16 \times .80 =$	5.98 m <sup>3</sup>		
<u>Total Rain water</u> $44.00 m^3$					
<u>(2) Main Locality of Earthen</u>					
Shoulder →					
1x	12.60	$\times 1.20 =$	15.12 m <sup>2</sup>		
2x	11.70	$\times 1.25 =$	29.25 m <sup>2</sup>		
1x	26.52	$\times 1.30 =$	34.48 m <sup>2</sup>		
2x	16.90	$\times 1.30 =$	43.94 m <sup>2</sup>		
1x	18.01	$\times 1.40 =$	25.21 m <sup>2</sup>		
<u>Total Shoulder</u> $148.00 m^2$					
<u>(3) Main Locality of culvert</u> 2 nos					
Main Locality of Rd Sign 0.10 k.m					
(5) Main Locality of H.M. Stair 0.162 km					
(6) Cutty of Branches. 6 nos					
(7)					

### ***Continuation***

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***Continuation***

## 2nd year Maintenance Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:-	Maintenance of road from Nagarpur to L046 Rd in Kochadhaman Block under UTSNY				
Agency :-	md. Anzar Alam.				
Agency -	39 /UTSNY / SBD / 2018-19				
Acct date of completion :-					
Maintenance of period -	13-04-020 to 12-04-021.				

## Measurement entry

## 1) Restoration of raincuts

$$2 \times 4.50 \times 1.20 \times 0.3 = 3.24$$

$$3 \times 2.50 \times 1.20 \times 5.20 = 1.80$$

$$5 \times 3.50 \times 1.50 \times 0.30 = 7.88$$

$$4 \times 5.20 \times 1.10 \times 6 \times 10 = 2.29$$

$$13 \times 2.50 \times 1.20 \times 0.10 = 3.90$$

$$6 \times 1.60 \times 1.30 \times 0.30 = 3.74$$

$$t \times 8.60 \times 1.00 \times 0.30 = 2.58$$

$$9 \times 3.50 \times 1.20 \times 0.20 = 7.56$$

$$V = 6.50 \times 1.30 \times 0.3 = 7.61$$

$$T = \sqrt{1 - k_0} \times 1.25 \times 0.28 = 2.81$$

2 M + F = 1.51 - 1.12

1.72

$$\text{Total Mfg} = 44.3 \text{ m}$$

### *Continuation*

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BT/F Bf 42	346 = ₹
2) white washing of walls at CD works trunks					per sq ft
Qty:	59.04 m <sup>2</sup>			via TMB, P- 40	
	(@ 16.42 / m <sup>2</sup> )				Rs 969 = ₹
					Total Rs 13,315 = ₹
Less Tax. Below				₹ 14332 = ₹	
					Net Total Rs 13,983 = ₹
<u>Amount</u> → <u>13,983</u>					
<u>Date</u> → <u>10/12/21</u>					
<u>A/E</u> <u>17.04.21</u>					
<u>J/E</u>					

## Material statement

$$\varepsilon / \omega = 98 \text{ m}^3$$

b  
17.04.021  
SE

### ***Continuation***

Particulars	Details of actual measurement			Contents of area
	No.	I	II	
3.001	1	200 m	10 m	2000 m <sup>2</sup>
N.H.C. Maintenance of Road from Naraypur to Lalg. in Kachchh Urban				
Block under GITSNY				
Agency - Md. Anzar Alam, Al - Daula Kishanganj				
Agreement No - 39/GITSNY/SBD/ 2018-19				
Actual date of completion - 01-07-2019				
(1) Restoration of Rain cuts				
with soil	--	all complete		
$148 \times 2.80 \times 0.60 \times 0.300 = 74.59 \text{ m}^3$				
$74.59 \text{ m}^3 @ \text{Rs } 373 = 19/\text{m}^3$		Rs	27836=00	
(2) maintenance of Earthen				
shoulder	--	all complete		
$158 \times 3.50 \times 0.75 = 414.75 \text{ m}^2$				
$414.75 \text{ m}^2 @ \text{Rs } 56 = 60/\text{m}^2$		Rs	23475=00	
(3) maintenance of Hume pipe				
culvert	--	all complete		
$2.0 \text{ nos} @ \text{Rs } 1104 = 35/\text{each}$		Rs	2209=00	
(4) maintenance of Road sign				
$1.20 \text{ km} @ \text{Rs } 1067 = 44/\text{km}$		Rs	1281=00	
(5) maintenance of 200 nos, 8 km				
stone post	--	all complete		
$0.243 \text{ km} @ \text{Rs } 727 = 16/\text{km}$		Rs	177=00	
(6) cutting of branches of tree				
$6.0 \text{ nos} @ \text{Rs } 104 = 48/\text{each}$		Rs	627=00	
		C.O. RS	55605=00	

### ***Continuation***

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs 55605=00
(i) cutting of shrubs from boundary - all complete					
13-0 m <sup>2</sup> @Rs 6-12/m <sup>2</sup>					Rs 83=00
(ii) trimming of grass and weeds - all complete					
155 x 5.50 x 0.80 = 682.0 m <sup>2</sup>					
682.0 m <sup>2</sup> @Rs 2=14/m <sup>2</sup>					Rs 1459=00
(iii) white washing two coats on parapet wall - all coats					
2 x 6.10 x 0.600 = 7.32 m <sup>2</sup>					
2 x 6.10 x 0.400 = 4.88 m <sup>2</sup>					
2 x 2 x 0.600 x 0.400 = 0.96 m <sup>2</sup>					
					13.16 m <sup>2</sup>
13.16 m <sup>2</sup> @Rs 16=42/m <sup>2</sup>					Rs 216=00
					Rs 57363=00
less 10.0/- below as per Agreement/R					5736=00
					Rs 51627=00
<u>P Juy</u>					
28-06-022					
215-					

### ***Continuation***

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4th year maintenance bill					
Name of work—maintenance of Road from Mozarpur to Lalg. in Kochadhawan					
Block under GTSNY					
Agency—Md. Anzak Mom, Al— Daula Kidunganj					
Agreement No—39/GTSNY/STD/2018-19					
Actual date of completion— 01-07-2019					
(1) Restoration of Rain					
Cuts with soil --- all complete					
$153 \times 3.10 \times 0.60 \times 0.300 = 85.37 m^3$					
$85.37 m^3 @ Rs 373 = 19/m^3$ Rs 31859=00					
(2) maintenance of Erosion					
shoulder (filling with fresh selected soil) - all complete					
$115 \times 5.50 \times 0.75 = 474.38 m^2$					
$474.38 m^2 @ Rs 56 = 60/m^2$ Rs 26850=00					
(3) maintenance of H.p.					
culvert --- all complete					
$2.0 \text{ nos} @ Rs 1104 = 35/\text{each}$ Rs 2209=00					
(4) maintenance of Road					
sign - all complete					
$1.20 \text{ KM} @ Rs 1067 = 44/\text{KM}$ Rs 1281=00					

Continuation

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***Continuation***

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5th year maintenance bill					
Name of work - maintenance of Road					
from Major RTM to L046 in Kochchikkanay					
Block under LITS NY					
Agency - md. Anzar Atom At - Daula Kishanganj					
Agreement No - 39/LITSNY/STAT/2018-19					
Actual Date of completion - 01-07-2019					
(1) Restoration of Rain cuts with soil - - -					
all complete					
$35 \times 2.80 \times 0.60 \times 0.300 = 17.64 m^3$					
$40 \times 3.50 \times 0.65 \times 0.300 = 27.30 m^3$					
$76 \times 4.10 \times 0.55 \times 0.300 = 51.14 m^3$					
$96.08 m^3$					
$96.08 m^3 @ Rs 373 = 19/m^3$	Rs	35856=00			
(2) Maintenance of Earthen shoulder (filling with fresh selected soil) - all complete					
$75 \times 4.50 \times 0.60 = 202.50 m^2$					
$50 \times 3.80 \times 0.65 = 123.50 m^2$					
$108 \times 3.50 \times 0.55 = 207.90 m^2$					
$533.90 m^2$					
$533.90 m^2 @ Rs 56 = 60/m^2$	Rs	30219=00			
C.O.R.S		66075=00			

### ***Continuation***

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				16-RC	72950=00
(9) white washing of parapet					
WALL	all complete				
2x2x6.30x 0.600 = 15.12m <sup>2</sup>					
2x2x6.30x 0.600 = 15.12m <sup>2</sup>					
2x2x6.30x 0.400 = 10.08m <sup>2</sup>					
2x2x6.30x 0.400 = 10.08m <sup>2</sup>					
2x4x0.600x 0.400 = 1.92m <sup>2</sup>					
2x4x0.600x 0.400 = 1.92m <sup>2</sup>					
				54.24m <sup>2</sup>	
54.24m <sup>2</sup> @ RS 16 = 42/m <sup>2</sup>	RS	891=00			
	RS	73841=00			
less 10.01.6 below cap base @ RS	RS	7384=00			
	RS	66457=00			

Marginal

10.01.6 = 2.02 m<sup>2</sup>

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Continuation