

Name of Road— 2021 to west tola under

Name of Agency— Chandsekhari Singh MMBSY(SC)

Schedule XLV-Form No. 134

कार्यपालक अभियन्ता

ग्रामीण कार्य विभाग

कार्य प्रमंडल, गोपालगंज-2

DIVISION

Block - Barauli

SUB-DIVISION

M.B.No-931

MEASUREMENT BOOK

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.	
1st on A/c Bill					
Name of work :- Construction of					
Road from L021 to West Toly					
Date of start -					
Date of Completion -					
Agreement No -					
Agency -					

Measurements					
Item 1 clearing and grubbing road land including uprooting wild vegetation grass, bushes, shrubs — — — — —					
2	32	30.00	1.50	29.70	
				10,000	
= 0.297 Hect = 0.30 Hect					
Item 2 Construction of subgrade earthen shoulder with approved material — — — — —					
2	18	30.00	1.295	0.075	104.895
2	1	22.00	1.295	0.075	4.274
					321.84
2	18	30.00	1.44	0.200	120.69
2	1	22.00	1.49	0.200	13.112
					13.112
2	14	30.00	1.51	0.175	221.97

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 1 \times 8.00 \times 1.51 \times 0.175$				4.2	28
				7.513	
				67.50	606 m ³
				670	319 m ²
Limit = 669.57 m ³					

Item 3 Excavation for road way in soil

using manual means for carrying of cut earth to embankment --- E/2

$2 \times 18 \times 30.00 \times 0.525 \times 0.100$					56.70
$2 \times 1 \times 22.00 \times 0.525 \times 0.100$					2.31
$2 \times 3 \times 30.00 \times 0.375 \times 0.100$					6.75
$2 \times 1 \times 25.00 \times 0.375 \times 0.100$					1.875
$2 \times 10 \times 30.00 \times 0.375 \times 0.175$					39.375
$2 \times 1 \times 13.00 \times 0.375 \times 0.175$					1.706

108.72 m³

Item 4 Construction of granular sub-base.

by providing well graded material

spreaded in uniform layer with

motor grader prepared --- E/E

For BT Footpath = $2 \times 18.00 \times 30.00 \times 0.515 \times 0.100 = 56.70$					
$2 \times 1 \times 22.00 \times 0.525 \times 0.100$					2.31
$2 \times 3 \times 30.00 \times 0.375 \times 0.100$					6.75
$2 \times 1 \times 25.00 \times 0.375 \times 0.100$					1.875
$2 \times 10 \times 30.00 \times 0.375 \times 0.100$					22.50
$2 \times 1 \times 13.00 \times 0.375 \times 0.100$					0.975
$1 \times 18 \times 30.00 \times 4.050 \times 0.100$					218.70
					309.81 m ³
					253.11 m ²

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item 5</u> Providing, laying, spreading and compacting stone aggregates of specific sizes to water					— — — — — E/I
1 x 22 x 30.00 x 3.75 x 0.075 =					185.63
1 x 13.00 x 3.75 x 0.075 =					3.66
2 x 10 x 30.00 x 0.375 x 0.075 =					16.88
2 x 1 x 13.00 x 0.375 x 0.075 =					0.73
					<u>206.90 m²</u>
<u>Item 6</u> Construction of unreinforced plain concrete concrete pavement thickness as per design					— — — — — E/I
8 x 30.00 x 3.75 x 0.160 =					144.00 m ²
<u>Item 7</u> Providing and fixing of typical monosyllabic informational signboard with logo					— — — — — E/I
2.00 Nos.					
Q. 12/12/21	9/12/21	7	2/12/21	18	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material Statement</u>					
Gril -	675.60	4			
Metad -	423.76	3			
macadam -	140.52	4			
Stone chips -	128.16	4			
K. Sand -	64.80				
Cement -	1152				Bag.
Rafesh	02/12/52				
Phul	02/12/52				
21/12/52					

<u>Abstract of cost</u>					
<u>Start clearing and grubbing</u>					
<u>road land - - - - - etc.</u>					
<u>wide page no. 1</u>					
0.30 feet @ Rs. 52970.34 / feet	1589120				
<u>Part 2 Construction of Embankment</u>					
<u>2 earthen shoulders - - - - - etc.</u>					
<u>wide page no. 2.</u>					
669.57 ft @ Rs. 191.76 / ft	12839720				
<u>Part 3 Excavation for roadway</u>					
<u>Soil using manual - - - - - etc.</u>					
<u>wide page no. 2.</u>					
108.72 ft @ Rs. 75.57 / ft	8216000				
	Rs. 15250400				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
36.4 Construction Subbase					
by providing well graded material --- 6.10					
wide base 10 - 2					
253.11 $\times$ 3 = 264.65					
309.84 $\times$ 4 = 1239.36					
1239.36 $\times$ 8 = 9914.88					
4.5 Providing laying					
spreading and compacting					
wide base 10 - 3					
06.90 $\times$ 12 = 80.68					
80.68 $\times$ 8 = 645.44					
6. Providing 2 ft wing					
typical cross 4 -					
wide base 10 - 3					
2. Nos @ 12 = 24					
24 $\times$ 12932.02 = 309968.48					
47. Construction of					
reinforced --- 6.10					
wide base 10 - 3					
46.00 $\times$ 12 = 552.00					
552.00 $\times$ 8 = 4416.00					
Rs. 3066227.00					
2879122.00					
Add G.S.T 12% =					
Rs. 3677107.00					
3459952.00					
Rs. 3066227.00					
2879122.00					
Rs. 3462576.00					
3253108.00					
355226.00					
Add S.F					
3288934.00					
21/12/21					
02/12/21					
14/12/21					
02/12/21					