

MS/MS/MS

Munari Singh To To 3

Shedule XLV Form No. 134.

~~Divisional Officer, District of ...~~ DIVISION
- 917704202

~~Sub-Division Officer, ...~~ SUB-DIVISION
371911

Measurement Book

668

21968 → Abhishek K. Singh

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 and fix					
Year maintenance of road for					
Munagrik Singh to To3					
Agency:- Abhishek Kumar Singh					
Agreement no:- 64 MMGSV/2020-21					
Agreement Cost:- 3018258.00					
Date of Commencement:- 15-09-2020					
Date of Completion:- 14-06-2021					

Details of Measurement

1/ Setting out pillar					
(a) Benchmark pillar					= 1 No
(b) Reference pillar					= 2 Nos
2/ Clearing and grubbing ground					
	2x10x30.00x3.50				= 2100.00m ²
	2x6x30.00x3.50				= 1260.00m ²
	2x1x20.00x3.50				= 140.00m ²
					3500.00m ²
					= 0.35 Ha
3/ Providing and fixing MMGSV Log					
board					= 2 Nos
4/ Excavation of road lay box					
Cutting	2x10x30.00x0.50x0.10				= 30.00m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2x4x20.00	x0.50	x0.10	=	8.00
	2x4x30.00	x0.35	x0.75	=	15.75
					53.75 m ²

5/ Const. of embankment with material obtained from bar cutting
60% of elem no (5)
60% of 53.75 m² = 32.25 m²

6/ Const. of embankment with approved material for lead upto 1000m

Ch	C/A (m ²)	M/A (m ²)	Grth	Qty (m ³)
00	5.10	—	—	—
50	2.80	3.95	50	197.50

100	4.20	3.50	50	175.00
150	1.20	2.70	50	135.00
200	1.10	1.15	50	57.50
250	0.80	0.95	50	47.50
300	1.40	1.10	50	55.00
350	0.60	1.00	50	50.00
400	0.80	0.70	50	35.00
450	2.10	1.45	50	72.50
500	1.20	1.65	50	82.50
				907.50 m ³

7/ Construction of Gully with grading material I
Gully in width 2x7x30.00x0.50x0.10 = 21.00 m³
2x5x20.00x0.50x0.10 = 10.00 m³

Continuation

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Particulars	Details of local measurement				Contents of area
	No.	L.	B.	D.	
	2x2	30.00	0.500	0.10	6.00 m ³
	2x1	10.00	0.500	0.10	1.00 m ³
	2x2	30.00	0.500	0.10	6.00 m ³
For pile cap	7x4	0.00	1.50	0.10	4.20 m ³
	5x5	0.00	1.20	0.10	3.00 m ³
	8x4	0.00	1.30	0.10	4.16 m ³
	7x3	0.00	1.50	0.10	3.15 m ³
	6x3	0.50	2.50	0.10	5.25 m ³
					63.76 m ³
	Limit				63.62 m ³

8/ Providing laying and compaction
WB 3% G.O. III

	1x30.00	3.80	0.075		8.55 m ³
	1x14.60	3.75	0.075		4.10 m ³
	1x29.00	3.75	0.075		8.15 m ³
	1x30.00	3.75	0.075		8.43 m ³
	1x17.50	3.75	0.075		4.78 m ³
	1x30.00	$\frac{(4.00+3.25)}{2}$	0.075		10.96 m ³
	4x30.00	3.75	0.075		33.75 m ³
	1x24.00	3.75	0.075		6.75 m ³
					85.49 m ³

9/ Cost of unreinforced joint

CC Pavement					
	30x30.00	3.80	0.16		18.24 m ³
	1x14.60	3.75	0.16		8.40 m ³
	1x29.00	3.75	0.16		18.00 m ³
	1x30.00	3.75	0.16		10.50 m ³

Continuation

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/ Setting out pillar					
(a) Bench mark pillar					
atg. vide item no 1/1/1 P-1/1					
				= 1 No	
@ Rs 3764.79				= Rs	3764.00
b) Reference pillar					
atg. vide item no 1/1/1 P-1/1					
				= 2 Nos	
@ Rs 1712.56				= Rs	3425.00
2/ Clearing and grubbing good land					
atg. vide item no 2/1 P-1/1					
				= 0.35 Ha	
@ Rs 52966.72				= Rs	18538.00
3/ Providing M.M.G.S.V.L. 50					
atg. vide item no 3/1 P-1/1					
				= 2 Nos	
@ Rs 9507.08				= Rs	19014.00
4/ Box cutting					
atg. vide item no 4/1 P-1/1					
				= 53.75 m ³	
@ Rs 74.23				= Rs	3989.00
5/ Cost of embankment with					
material obtained from locally					
atg. vide item no 5/1 P-2/1					
				= 32.25 m ³	
@ Rs 26.17				= Rs	843.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6/ Const. of embankment with Lead up to 000m Qty. vide item no. (6) P(2)					
				= 907.50 m ²	
@ Rs 187.92					= Rs 170537.00
7/ Const. of G.R.B. Cut I Qty. vide item no. (7) P(3)					
				= 63.62 m ²	
@ Rs 2367.45					= Rs 150617.00
8/ Providing Laying B.M. G.R.B. III Qty. vide item no. (8) P(3)					
				= 85.49 m ²	
				= 30.19 m ²	
@ Rs 3308.16					= Rs 282838.00
9/ Const. of unreinforced joint (C.P. Cement. Qty. vide item (11) P(4) 10500m ² Qty. vide item no. (9) P(4)					
				= 182.34 m ²	
@ Rs 5956.13					= Rs 1086041.00
					1711434.00
					2464901.00
					Rs 1739606.00
Add G.R.B. 12%					Rs 208752.00
Add L. Less 1%					Rs 17396.00
					Rs 1965754.00
Less 23.99% below					(-19471584.00)
					Rs 1494170.00
Shanks 4-02-21 JE					Rs 2464901.00
Less 23.99% below					(-19591329.00)

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6/ Const. of embankment with Lead up to 0002					
Qty. vide item no (6) P(2)					
					= 907.50 m ²
@ Rs 187.92					= Rs 170537.00
7/ Const. of G.R. C. I					
Qty. vide item no. (7) P(3)					
					= 63.62 m ³
@ Rs 236745					= Rs 150617.00
8/ Providing Laying B.M. G. I					
Qty. vide item no (8) P (3)					
Qty. vide item no (10) P (4)					= 85.49 m ³ = 30.19 m ³
@ Rs 3308.16					= Rs 282838.00 = 382740.00
9/ Const. of unreinforced joint					
(C) Pavement Qty. vide item (11) P(4) 105.00 m ²					
Qty. vide item no (9) P (4)					
					= 182.34 m ² = 20734.00
@ Rs 5956.13					= Rs 1711434.00 = Rs 1086041.00 = 2464901.00 = Rs 1739606.00
Add G.R. 12%					Rs 208752.00
Add L. Less 1%					Rs 17396.00
					Rs 1965254.00
Less 23.99% below					(-) Rs 471584.00
					Rs 1494170.00
Shrinkage 14-02-21 56					Rs 2464901.00
Less 23.99% below					(-) Rs 591329.00

Continuation

