

Raj Bhushan Singh
Schedule XLV-Form No. 134
L029 to Pachonay under MR

कार्यपात्र अभियंता
राजीव एवं विभाज
कार्य प्रमंडल, उदवा-1

DIVISION

A E R. W. I D C W

SUB-DIVISION

Revelgomi

MEASUREMENT BOOK

NO = 3670

1st in A/c Rule

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.	
Name of Work—	Canal Road				
	CD Works from				
	Long to Kachhera				
	Under MR				
Agency	Raj Bhushan Singh				
	H/O Mubarak, Aungmye				
	Sagon, Chapra				
Agreement No—	13/SCB/2019-20				
Agreement No—	A/11331956/5609499.00				
	B 17021955.00				
Project No—	MR-1/2019-20/Chapra/07				
D.O.W.O of Commencement of work—	02-01-2020				
D.O.W.O of Completion of work—	01-01-2021				
(1)	Clearing and Grubbing				
	Road land—drill				
	(Complete job)				
	R.P. No				
	240	30.00	1.00	=	2400.00 m ²
	240	30.00	1.00	=	2400.00 m ²
	240	30.00	1.00	=	1800.00 m ²
	240	30.00	1.00	=	3000.00 m ²
	240	30.00	1.00	=	6000.00 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2+37	30.00	1.00	=	180.00 m ²
	2+41	10.00	1.00	=	20.00 m ²
				+H=	11600.00 m ²
				=	1.16 H ₂
(2) Contingency Subgrade and leather shoulder - do all complete job					
	2+50	30.00	0.70	0.30	630.00 m ³
	2+40	30.00	0.60	0.30	432.00 m ³
	2+10	30.00	0.50	0.20	60.00 m ³
	2+15	30.00	0.40	0.20	72.00 m ³
	2+5	30.00	0.40	0.30	360.00 m ³

	2+5	30.00	0.50	0.30	45.00 m ³
					1242.60 m ³

257 G.S.B. Gr. ~~by~~ Cont.
 of G.S.B. Gr. ~~by~~ by
 providing well graded
 material - do all complete

30	1.60	1.40	0.10	=	6.72 m ³
40	1.80	1.70	0.10	=	12.24 m ³
50	1.90	1.40	0.10	=	13.30 m ³
60	1.80	1.20	0.10	=	12.96 m ³
50	1.50	1.70	0.10	=	12.75 m ³
30	1.20	1.40	0.10	=	5.04 m ³
					63.01 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D	
	10	2.10	2.50	0.10	5.25 m ³
	8	1.90	1.50	0.10	2.28 m ³
				∑H =	70.54 m ³
(41)	W.B.M. Gr-2 = Contd.				
	of W.B.M. Gr-2				
	Comparing stone masonry				
	- do all complete job				
	30	1.60	1.40	=	67.20 m ²
	40	1.80	1.70	=	122.40 m ²
	50	1.90	1.40	=	133.00 m ²
	60	1.80	1.20	=	129.60 m ²
	50	1.50	1.70	=	127.50 m ²
	30	1.20	1.40	=	16.80
	10	2.10	2.50	=	52.50 m ²
	8	1.90	1.50	=	22.80 m ²
	30	2.50	2.10	=	157.50 m ²
	40	2.40	2.30	=	105.60
					211.20 m ²
	40	1.80	1.20	=	86.40 m ²
	60	2.50	2.60	=	390.00 m ²
	50	2.10	2.30	=	1021.30 m ²
	10	2.10	2.30	=	48.30 m ²
				∑H =	1459.60 m ²
	W.B.M.-2 Qty 1021.30 m ² = 76.60 m ³				
	Qty 1459.60 m ² × 0.75 = 109.47 m ³				
(5)	W.B.M.-3 ⇒ P/Laying				
	Spreading W.B.M.-3				
	- do all complete job				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sum Qty of above item (4) of					1459.60 m ²
W.B.M.-3					1021.30 m²
40 x 1.65 x 1.45 =					95.70 m ²
50 x 1.85 x 1.55 =					143.38 m ²
60 x 1.90 x 1.80 =					205.20 m ²
70 x 1.70 x 1.40 =					17.60 m ²
40 x 1.30 x 1.60 =					83.20 m ²
50 x 1.40 x 1.20 =					84.00 m ²
45 x 1.60 x 1.30 =					93.60 m ²
					11 2212.27 m ²
Sum Qty of W.B.M.-3					2212.27 m ²
					2212.27 x 0.075 = 165.92 m ³
<6> P/A primer coat with Bitumen Emulsion - do all complete job					
Sum Qty of above item (5) of					2212.27 m ²
W.B.M.-3					
<7> Providing and applying face coat with bitumen emulsion - do all complete job					

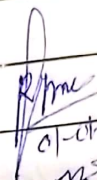
Continuation

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Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
Summary of above item Sr No (5) of WBMC-5					2213.27m ²
<8> Bounding, hygienic rolling 20mm prism carpentry - dr and complete job					
Summary of above item Sr No (5) of WBMC-3					2213.27m ²

<9> Bounding and applying jacks coat with bitumen Emulsion slightly emulsion primer - dr all complete job					
To Kachanar	10 x	30.00	3.00	=	900.00m ²
Village	15 x	30.00	3.30	=	1485.00m ²
	5 x	30.00	3.30	=	495.00m ²
	10 x	30.00	3.70	=	1110.00m ²
	4 x	30.00	3.75	=	450.00m ²
To L1	20 x	30.00	3.00	=	1800.00m ²
Kharwar	6 x	30.00	3.30	=	594.00m ²
	10 x	30.00	3.00	=	900.00m ²
<u>2213.27</u>	12 x	30.00	3.70	=	1188.00m ²
10/11/21	Continuation				= 8927.00m ²

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
			Qty Blf =		8937.00
	30	30.00	3.00	=	2700.00
	20	30.00	3.75	=	2250.00
	12	30.00	3.75	=	1350.00
	10	30.00	3.30	=	990.00
	12	30.00	3.00	=	1080.00
	5	30.00	3.30	=	480.00
	8	30.00	3.30	=	792.00
				Sub Total =	18564.00
 R. P. Mehta 01-07-2019 7/25					

10) Providing and laying
 Semi dense bituminous
 (Anasala SDBC)
 with 10% R.O. T.P.H
 for all completed

Quantity of above
 item is 18564 m^2
 Unit Cost

$$\text{Qty } 18564 \text{ m}^2 \times 0.025 = 464.10 \text{ m}^3$$

Continuation

Material Consumption

- Continuation

01-01-2021
75

ABSTRACT OF COST

8

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Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
<1> Claying and Grubbing Rest land - do. all complete job V.P. No (2)					
1.16 Ha @ Rs 49496.75					Rs 57416.00
<2> Comp of Sub Grade and cotton shoulder - do all complete job V.P. No (2)					
1242.60 m ³ @ Rs 176.96					Rs 219890.00
<3> G.S.B. Grading - 2 = Comp of G.S.B. Gr-2 - do. all complete job V.P. No (5)					
70.54 m ³ @ Rs 2106.96					Rs 148625.00
<4> W.B.M. Gr-2 = Comp Spreading, and Complete W.B.M. Gr-2 - do all complete job V.P. No (3)					
109.47 m ³ @ Rs 3654.86					Rs 400098.00

Continuation

Rs 826029.00

	Proceeding and Applying top coat with bitumen emulsion dr				
(79)	all complete job	V.P No (5)			
2212.27 m ² @ Rs	13-95 per m ²	Rs	50861.00		
	P/L and rolling of				
(87)	roomer premix scaffolding				
	material dr all complete				
	V.P No (5)				
2212.27 m ² @ Rs	216.05 per m ²	Rs	477961.00		

Rs 2000454.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9/9/21					
Loco Costs P/A track					
Cost with bitumen					
emulsion using					
emulsion pressure ds					
all complete job					
V.P. No. 6					
18564.00 m ² @ Rs. 12.13 per m ²					Rs. 225181.00
10/10/21					
Providing and laying					
Semi coarse bituminous					
Concrete (SDRCD) with					
120-120 TPA batch					
type LAMP drill					
complete job					
V.P. No. 6					
464.10 m ³ @ Rs. 16679.92 per m ³					Rs. 7726556.00
11/22/21					
Providing and fixing					
of typical type masonry					
in formation Sign Board					
do all complete job					
V.P. No. 7					
7.00 m @ Rs. 9210.51 per m					Rs. 18421.00
					Rs. 7200612.00
Add G.S.T. 12%					Rs. 864073.00
Add L.C. 1%					Rs. 72006.00
					Rs. 8136691.00

Continuation

Pmc
 01-01-2021
 JE

10/11/2021
 A.E.

11/10/2021