

15/11/11

Munir Singh To To3

Schedule XLV Form No. 134.

Division
SUB-DIVISION

SUB-DIVISION
31/11/11

Measurement Book

668

21/11/11 → Abhishek Kumar Singh

Final Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work:- Construction					
and five Year maintenance of					
Road from Maharaj Singh					
To To3.					
Name of Agency:- Abhishek Kumar Singh					
Agreement No:- 69/MMBSX/2020-21					
Date of Commencement:- 15.09.2020					
Date of Completion:- 14.06.2021					
<u>Record Measurement</u>					
A/ Disinfecting of existing structures					

(a) plain cement concrete					
	$2 \times 3.50 \times 1.54 \times 0.15$				$= 1.62 \text{ m}^3$
(b) Stone/brick masonry					
	$2 \times 2 \times 6.20 \times 0.89 \times 3.00$				$= 61.38 \text{ m}^3$
(c) Mure pipe 800mm dia					
	2×5.00				$= 10.00 \text{ m}$
2/ Earthwork in excavation					
for foundation					
Headwall	$2 \times 2 \times 3.60 \times 1.15 \times 1.50$				$= 24.84 \text{ m}^3$
Below pipe	$2 \times 1 \times 2.89 \times 1.13 \times 0.365$				$= 2.35 \text{ m}^3$
					27.19 m^3
3/ Providing M/s grade levelling					
work					
Headwall	$2 \times 2 \times 3.60 \times 1.15 \times 0.15$				$= 2.484 \text{ m}^3$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Bala pipe	2x1	2.8	1x1.1	0.25	$= 1.587 \text{ m}$
					4.071 m
4/ Plain Cement Concrete in substructure					
Head wall	2x3	3.0	$\left(\frac{1.00+0.90}{2}\right)$	2.60	$= 12.012 \text{ m}$
	2x3	3.0	$\left(\frac{1.00+0.90}{2}\right)$	2.50	$= 11.55 \text{ m}$
Parapet	2x3	3.0	0.40	0.60	$= 1.584 \text{ m}^2$
	2x3	3.0	0.40	0.60	$= 1.663 \text{ m}^2$
Less for R/C	2x2	0.785	0.830	0.50	$= 1.147 \text{ m}^2$
					25.662 m ²
5/ providing laying R/C/NP3					
600mm dia Hume pipe					
	2x2	2.50			$= 10.00 \text{ m}$
6/ painting of Parapet wall					
Top	2x2	3.30	0.40		$= 5.28 \text{ m}^2$
Side	2x4	3.30	0.60		$= 10.56 \text{ m}^2$
Front	2x4	0.40	0.60		$= 1.92 \text{ m}^2$
					17.76 m ²
7/ providing and laying 300mm					
dia R/C duct pipe					
	4x2	2.50			$= 20.00 \text{ m}$
8/ Const of embankment with					
approved material					
Ch	C/A	M/A	(m)	Depth	Qty (m ³)
00	4.71	—	—	—	—
50	5.12	4.97	50	248.50	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
100	6.4	5.68	50	284.00	
150	7.80	6.72	50	326.00	
200	0.50	3.90	50	195.00	
250	0.40	0.45	50	22.50	
300	6.30	3.35	50	167.50	
350	4.20	5.25	50	262.50	
400	3.30	3.75	50	187.50	
450	4.80	4.05	50	202.50	
500	0.90	2.65	50	132.50	
				2038.50 m ²	

9/ Const. of ungravelled pit
cement concrete pavement

$1 \times 7.00 \times 3.95 \times 0.16 = 4.424$	
$1 \times 30.00 \times 3.75 \times 0.16 = 18.00 \text{ m}^3$	
	18.66 m ³

10/ Const. of another ch. 107

$2 \times 4 \times 30.00 \times 0.60 \times 0.10 = 14.40 \text{ m}^3$	
$2 \times 4 \times 30.00 \times 0.60 \times 0.075 = 10.80 \text{ m}^3$	
$2 \times 4 \times 30.00 \times 0.60 \times 0.16 = 23.04 \text{ m}^3$	
$2 \times 7 \times 25.00 \times 0.50 \times 0.10 = 17.50 \text{ m}^3$	
$2 \times 7 \times 25.00 \times 0.50 \times 0.075 = 13.125 \text{ m}^3$	
$2 \times 7 \times 25.00 \times 0.50 \times 0.16 = 28.00 \text{ m}^3$	
$2 \times 4 \times 20.00 \times 0.375 \times 0.10 = 6.00 \text{ m}^3$	
$2 \times 4 \times 20.00 \times 0.375 \times 0.075 = 4.50 \text{ m}^3$	
$2 \times 4 \times 20.00 \times 0.375 \times 0.16 = 9.60 \text{ m}^3$	
	126.96 m ³
	125.63 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) Benchmark pillar					
Qty vide item no (1) P (1)					
				= 1 No	
@ Rs 3544.96				= Rs	3544.96
(b) Reference pillar					
Qty vide item no (1) P (1)					
				= 2 Nos	
@ Rs 1620.81				= Rs	3242.00
2/ Clearing and grubbing					
Qty vide item no (2) P (1)					
				= 0.25 m	
@ Rs 52966.72				= Rs	18538.00
3/ providing wooden (x) Log					
and Maintenance board					
Qty vide item (3) P (1) = 2 Nos					
Qty vide item no (1) P (1) = 1 Nos					
				3 Nos	
@ Rs 9507.08				= Rs	28521.00
4/ Box cutting					
Qty vide item no (4) P (2)					
				= 53.75 m ²	
@ Rs 74.23				= Rs	3989.00
5/ Cost of embankment with					
material obtained from borrow					
pit					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. vide item no. (5) P/2					
				= 32.25 m ²	
@ Rs 26.12				= Rs	843.00
6/ Const. of channel belt with lead up to 1000m					
Qty. vide item no. 8 P/10					
				= 2038.50 m ²	
Less vide item					
6/ Const. of 2nd cut					
Qty. vide item no. (7) P/3/2					
				= 2626.2 m ²	
@ Rs 2367.45				= Rs	150617.20
7/ providing laying WBM					
cut					
Qty. vide item no. (8) P/6/					
				= 115.696 m ²	
@ Rs 3308.16				= Rs	382740.00
8/ Const. of unreinforced joint					
Cement concrete pavement					
Qty. vide item no. (9) P/6/				= 287.34 m ²	
Qty. vide item no. (10) P/9/				= 18.66 m ²	
				306.00 m ²	
9/ @ Rs 5864.88				= Rs	1794653.00
9/ Disturbance of existing structure					
(a) Plain cement concrete					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty wide item no 1 (9) P (8)					
				= 1.62 m ²	
@ Rs 496.96				= Rs	805.00
(b) Stone/Brick masonry					
Qty wide item no 1 (6) P (8)					
				= 61.38 m ²	
@ Rs 235.20				= Rs	14436.00
(c) Removing of Mure pipe					
Qty wide item no 1 (1) P (8)					
				= 10.00 m	
@ Rs 249.94				= Rs	2449.00
10/ E/W in excavation for					
foundation					
Qty wide item no 1 (2) P (8)					
				= 27.19 m ²	
@ Rs 279.09				= Rs	7588.00
11/ providing M/s grade leveling					
course					
Qty wide item no 1 (3) P (9)					
				= 4.07 m ²	
@ Rs 469.11				= Rs	19097.00
12/ plain Cement Concrete					
in substructure					
Qty wide item no 1 (4) P (9)					
				= 25.66 m ²	
@ Rs 5472.71				= Rs	140440.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
13/ providing and laying 600mm dia RCC NR3 Hume pipe					
Qty. vide item no. (5) P/B)					
				= 10.00m	
@ Rs 2084.04				= Rs	20840.00
14/ painting of parapet					
Qty. vide item no. (6) P/B)					
				= 17.76m ²	
@ Rs 100.76				= Rs	1789.00
15/ providing 300mm dia RCC duct pipe					
Qty. vide item no. (7) P/B)					
				= 20.00m	
@ Rs 911.44				= Rs	18228.00
16/ Const. of earthen shoulder					
Qty. vide item no. (10) P/B)					
				= 125.63m ³	
(a) F.R. Load upto 100m					
30% of 125.63m ³				= 37.69m ³	
@ Rs 189.56				= Rs	7144.00
(b) F.R. Load upto 100m					
70% of 125.63m ³				= 87.94m ³	
@ Rs 154.29				= Rs	13568.00
17/ Const. of embankment					
Qty. vide item no. (8) P/B)					
				= 2038.50m ³	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Less City vide item no (6) P (19) (-) 63.82 m ²					
Less City vide item no (7) P (19) (-) 115.69 m ²					
Less Vide item no (8) P (19) (-) 306.00 m ²					
Less Vide item no (10) P (19) (-) 126.93 m ²					
				1426.26 m ²	
@ Rs 1879/-					= Rs 268022.00
18/ RCC Mis grade					
@ 1 cu stone					
City vide item no (16) P (11)					
				= 2 Nos	
@ Rs 2015.18					= Rs 4030.00
1/ 2 cu stone					
City vide item no (16) P (11)					
				= 2 Nos	
@ Rs 568.51					= Rs 1137.00
19/ Boundary Pillar					
City vide item no (13) P (11)					
				= 16 Nos	
@ Rs 490.20					= Rs 7843.20
20/ Traffic Sign					
@ 600mm triangular					
City vide item no (15) P (11)					
				= 4 Nos	
@ Rs 3619.16					= Rs 14476.64
(b) 600mm Circular					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. Vide item no. 15(b) P(11)					
			= 2 Nos		
@ Rs 4844.02				= Rs	9688.00
9/ 800 x 600 mm Rectangular					
Qty. Vide item no. 15(c) P(11)					
			= 2 Nos		
@ Rs 6743.99				Rs	13487.00
4/ 600 x 450 mm Rectangular					
Qty. Vide item no. 15(d) P(11)					
			= 2 Nos		
@ Rs 4718.64				= Rs	9437.00
4/ 900 mm Octagonal					
Qty. Vide item no. 15(e) P(12)					
			= 2 Nos		
@ Rs 8595.77				= Rs	17191.00
21/ Road Marking					
Qty. Vide item no. 14/ P(11)					
			= 100.00 m ²		
@ Rs 810.70				= Rs	8107.00
				Total Rs	2986489.00
Less 23.99% below				(Rs)	716458.00
				Rs	2270031.00
Add Const 12%				Rs	272403.00
Add L. (less 1%)				Rs	22700.00
				Rs	2565134.00
Less previous payment				(Rs)	677483.00

Continuation

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