

MMSA

ਸਾਖਰ ਅਕਾਲੀ ਸਿਧੂਗਰਾ ਦੇ
703 ਫੋਰਮ ਨੰਬਰ 134
Shedule XLV Form No. 134.

DIVISION
ਚਮਕੀਲਾ ਸਾਖਰਾ ਸਿਧੂਗਰਾ - 61315-100

SUB-DIVISION
ਚਮਕੀਲਾ ਸਾਖਰਾ ਸਿਧੂਗਰਾ - 61315-100

Measurement Book 764

ਸਾਖਰਾ - BHIM SINGH

1st on A/c Bill.

Name of work - 1
 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 - const. of road from					
Poathmik Vidyalyaya Bisunpura					
to Toz Harpura Deokund road.					
Agency - Bhim Singh					
Agreement No. - 75/MMC/84/2020-21					
Date of commencement - 19-2-21					
Date of completion - 18-2-22					

Record measurement

Date of measurement - 1-11-21

① Setting out pillars.

① Benchmark pillars - 2 Nos.

② Reference pillars - 7 Nos.

② Clearing & grubbing.

2 x 184 m x 3.50 m = 1.29 Hect.

③ Const. of embankment.

Calculation chart.

CH.	Dist	Fill Area	Fill Vol.
0	0	0.5313	—
50	50	5.265	264.430
100	50	5.136	260.010
150	50	5.232	259.190
200	50	5.133	259.110

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
H.	Dist	Fill	Area	Fill	Vol.
250	50	5	236	259	210
300	50	5	101	258	430
350	50	5	202	257	590
400	50	5	136	258	440
450	50	5	022	253	940
			Total	2330	350 (A)
500	50	5	012	250	860
550	50	5	120	253	320
600	50	5	308	260	700
650	50	4	791	252	480
700	50	5	123	247	850

750	50	4	655	244	430
800	50	4	326	224	510
850	50	4	256	214	530
900	50	4	346	215	040
			Total	2163	720 (B)
950	50	4	322	216	710
1000	50	5	605	248	180
1050	50	5	161	269	140
1100	50	5	125	257	130
1150	50	4	890	250	370
1200	50	5	168	251	460
1250	50	4	923	252	290
1300	50	4	863	244	650
1350	50	4	963	245	650

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH	Dist	Fill	Area	Fill	Vol.
1400	50	4.855	245	4.50	
1450	50	4.785	241	4.000	
1500	50	4.812	239	4.940	
1550	50	4.669	237	4.030	
1600	50	4.754	235	4.580	
1650	50	4.669	235	4.570	
1700	50	4.724	234	4.820	
1750	50	4.669	234	4.820	
1800	50	4.459	228	4.190	
1840	40	4.585	180	4.870	
			Total	4548.850	(C)
(2) with 1000m lead.					
			Total sty (B)	2163.720	m ²
Deol.					
G.B. Brg. w/ Bm			(C)	252.530	
P.C.C.			(C)	244.800	
Hard shouldering			(C)	25.00	
Subgrade & shoulder			(-)	100.500	
			Net sty	1540.890	m ²
(2) with 1000m lead					
			Total sty (A+B)		
			(A)	2330.350	
			(C)	4548.850	
				6879.200	m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF	6879.200	m ³
Deal.					
G.B.B.			(-)	1189.730	
W.B.M.G. III			(-)	413.100	
Subgrade & shoulder			(-)	4197.920	
				1078.450	m ³
(4) Const. of Sub-grade				1000 m lead	m ³
				432 m x 7.276 m x 0.300 m =	942.97
				1008 m x 3.276 m x 0.300 m =	2200.26
					m ³
(5) Const. of shoulders.					

(i) width 1000 m lead.					
				2 x 400 m x 0.375 m x 0.160 m =	48.00 m ³
				2 x 400 m x 0.375 m x 0.075 m =	22.50
				2 x 400 m x 0.375 m x 0.100 m =	30.00
				2 x 400 m x 1.20 m x 0.275 m =	264.00
					364.50 m ³

(ii) width 100 m lead.					
				2 x 1400 m x 1.20 m x 0.075 m =	252.00
				2 x 1400 m x 1.00 m x 0.200 m =	560.00
					812.00
					m ³

Checked
1.11.21
JES

Checked
1.11.21
AK

Continuation

[illegible]

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of measurement = 12-12-21					
① Backfilling C.C. Pavement					
M30... all complete job.					
4x25m x 3.75m				0.160m	60.00 m ³
4x25m x 3.75m				0.160m	60.00
4x25m x 3.75m				0.160m	60.00
4x25m x 3.75m				0.160m	60.00
4x2x15m				0.160m	4.80
Total					244.80 m ³
Pharma 12.12.21 JK					
13/1/22					
Date of measurement = 16.12.21					
① Dismanitling of PCC					
1x3.50m x 1.54m				0.15m	0.81 m ³
1x5.0m x 1.0m				0.15m	0.75
					1.56 "
② Dismanitling R.C.C.					
1x5.0m x 5.0m				0.30m	7.50 m ³
2x5.0m x 0.30m				0.30m	0.90
					8.40 "
③ Dismanitling cement Mortar					
2x5.64m x 0.825m				2.50m	23.27 m ³
2x5.0m x 0.825m				3.00m	24.75
					48.02
④ Removing H.P. — 10.00 m.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5) E/W in excavation in land.					
2 x 6.450 m x 1.40 m x 1.50 m =					27.09
1 x 4.85 m x 1.53 m x 0.365 m =					2.71
					29.80
6) Providing RCC m/s in land for levelling.					
2 x 6.45 m x 1.40 m x 0.15 m =					2.71 m
1 x 4.931 m x 1.53 m x 0.25 m =					1.89
					4.60
7) Providing RCC m/s sub-structure.					
2 x 6.150 m x 0.825 m x 3.18 m =					32.269
2 x 6.150 m x 0.40 m x 0.60 m =					2.952
less 2 x 0.7857 x (1.23) ² x 0.622 =					1.478
					33.740 m ³
8) Providing 1 Layer NP3 H.P. ...					
3 x 2.50 m =					7.50 m
9) Painting on Parapet.					
2 x 6.15 m x 0.40 m =					4.92 m ²
4 x 6.15 m x 0.60 m =					14.76 "
1.4 x 0.40 m x 0.60 m =					0.96 "
					20.64 "
10) Providing 300 mm H.P. 60.00 m.					
Sharma					
16.12.21					
JE					

Continuation

AR

material statement

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Hem. sand chips metal.					
① 8B					
1304.15	500.80			1168.52	
③ WBM					
gr. III					
519.75		124.74		628.90	
② CC Pavement					
244.80	10.14	220.32			
④ PCC					
4.60					
33.74					
38.34	17.25	34.51			
Total	62.84	379.57		1797.42	
③ E/W					
1540.89 m ²					
1078.45					
942.97					
2200.26					
364.50					
812.00					
6939.07 m ²					
④ Paving					
16.12.21 JE					

Continuation

43216401 04 1021

ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Setting out Pillars.					
② Bench mark pillars.					
2 Nos. P-1					
@ 3686 = 20 each ₹					7372 = 00
③ Reference Pillars.					
7 Nos. P-1					
@ 1687 = 33 each ₹					11811 = 00
④ Clearing & grubbing					
1.29 Ha P-1					
@ 52966 = 72/Ha ₹					68327 = 00
⑤ Const. of embankment					
with 100m lead.					
1078.45 m ³ P-4					
@ 142 = 26/m ³ ₹					153420 = 00
⑥ Const. of embankment					
with 100m lead.					
1540.89 m ³ P-3					
@ 187 = 92/m ³ ₹					289564 = 00
⑦ Const. of sub-grade					
& earth shoulder					
with 100m lead.					
942.97 m ³ P-4					
364.50 P-4					
1307.47					

Continuation 5,30,494 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1289.53 m ³ unit					
@ 189 = 56/m ² - 2				244,443.00	
(6) Const. of sub-grade & earth shoulder with 100 m length.					
2200.26 m ³ P-4					
812.00 " P-4					
3012.26					
3008.89 m ³ unit					
@ 154 = 29/m ² - 2				464,242.00	
(7) Paving W.B.M.					
(7) Paving G-23 gr. 7					
1304.15 m ³ P-5					
@ 2396 = 18/m ² - 2				3124,978.00	
(8) Paving W.B.M. gr. III					
519.75 m ³ P-6					
@ 2978 = 21/m ² - 2				15,47,925.00	
(9) Paving C.C. Pavement					
m ³⁰ ... all complete.					
244.80 m ³ P-7					
@ 5916 = 62/m ² - 2				1448,389.00	
(10) E/W measurement in cement.					
29.80 m ³ P-8					
@ 279 = 09/m ² - 2				8,317.00	

Continuation

cc.

7368,788.00

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Sch. XLV-Form No. 134 7368.788=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Boulding PCC m 15m fund.					
4.60 m ² P-8					
@ 4714=03/m ² 21					685=00
(12) Boulding PCC m 20m sub-30m					
33.74 m ³ P-8					
@ 5431=80/m ² 183					269=00
(13) Boulding N P 31.1 P					
7.50 m ² P-8					
@ 4023=63/m ² 30					177=00
(14) Painting on Parapet					
(23) 20.64 m ² P-8					
@ 100=76/m ² 2					080=00
(15) Boulding P Layer 300mm pipe duct.					
60 m ² P-8					
@ 953=84/m ² 57					230=00
(16) Dismantling R.C.C.					
1.56 m ³ P-7					
@ 496=96/m ² 7					775=00
(17) R.C.C. 8.40 m ³ P-7					
@ 1127=76/m ² 9					473=00

Continuation

76,73,477=00

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Continuation

Continuation