

Sudesh Kr. Singh & Co. Const. Pvt. Ltd.
Agnoo - 13 (MBD) / 2020-21

Establishment more to Kodakaria Road, Length - 4.70 km

via Laxminagar Mandi to Daman/13

Schedule XLV-Form No. 134

Head M.A. 3054

R. S. D. Jomai

DIVISION

Aligarh

SUB-DIVISION

MEASUREMENT BOOK

MB. 2774

1st. on e/c Bill

M/R of road from Itabandi

Name of Work - ~~Here to Kodwala~~ ^{re Laxmipal}

Situation of Work - ~~und 2054, Block: 41~~ ^{align}

Agency by which work is executed - ~~Sudesh to Spt~~ ^{Co. Const. Pvt. Ltd}

Date of Measurement - ~~21.15.2021~~ ^{05.09.2020}

No. and date of agreement - ~~13/06/2021~~ ^{04.06.2021}

(These four lines should be repeated at the commencement of the measurement relating to each work)

Ag. Value Const cost Rs. 27531531

11290035

Particulars Details of actual measurement Contents of area

No.	L	Length	Area
①	Cleaning & grubbing of rd.		15321470
	Land - 10- all complete		
	2x 3300.00 x 1.0	=	6600.00
	2x 500.00 x 1.0	=	1000.00
	2x 730.00 x 1.0	=	1460.00
	2x 165.00 x 1.0	=	330.00
			9390.00
	9390	=	0.9392
	10000	=	0.94 Hn

② Construction of Subgrade

reaction shoulder

with approved

materials - do all

complete sub.

2x 3300.00 x 1.06 x 0.3 = 2098.80

2x 370.00 x 1.06 x 0.3 = 235.32

2x 730.00 x 1.10 x 0.3 = 481.80

2815.92

③ Construction of G. G. G. G.

well graded material

- do - all complete

sub in pot holes

2x 11.000 x 0.90 = 19.80

9x 9.00 x 3.20 x 1.0 = 29.70

8x 2.30 x 1.10 = 20.24

69.74 Hn

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	1	5.60	0.80		69.74
	11	5.60	0.80		36.96
	8	4.0	0.80		25.60
	8	1.0	0.50		1.00
	7	5.30	0.90		33.39
	4	3.90	0.40		6.24
	6	3.40	0.90		18.36
	9	7.80	1.30		91.26
	10	5.60	0.80		44.80
	11	1.20	1.00		13.20
	9	3.40	0.40		10.88
	6	6.30	0.90		34.02
	11	5.30	1.00		58.30
	5	2.70	1.90		60.96

	12	8.60	1.00		103.20
	4	5.10	1.20		24.48
	15	5.90	0.50		44.25
	9	2.80	0.40		10.08
	12	3.10	0.80		29.76
	15	4.20	0.90		56.70
	10	3.40	0.70		23.80
	5	4.20	0.90		18.90
	9	2.10	0.40		7.56
	14	4.20	1.10		64.68
	10	3.50	0.70		24.50
	14	4.90	1.15		78.89
	6	2.80	0.70		15.68
	9	6.70	1.0		60.30

1070.36 m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
				BF	1070.36
	2	5.70	0.50	=	5.70
	9	3.26	0.70	=	20.16
	11	5.40	0.90	=	52.46
	13	8.30	1.20	=	129.48
	15	3.60	0.70	=	37.80
	11	5.40	1.10	=	65.34
	6	4.70	1.00	=	38.20
	10	3.20	0.60	=	19.20
	8	5.60	0.40	=	17.92
	9	3.10	1.10	=	30.69
	11	6.40	1.15	=	80.96
	8	3.30	0.60	=	18.25

	9	5.80	1.10	=	57.42
	11	3.20	1.00	=	35.20
	15	2.50	0.90	=	33.75
	7	4.90	1.00	=	34.30
	6	3.20	0.80	=	15.36
	6	5.20	1.00	=	31.20
	3	3.20	1.00	=	9.60
	6	3.70	1.10	=	24.42
				Area =	1818.76
					70.175
				Qty:	318.28 m ³

① working 2 laying & spreading
 ② working 2 laying & spreading
 all complete job

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
28 cur 20 (4) cur 20					
	8	15.70	1.30		= 163.28
	9	4.70	1.40		= 59.22
	8	3.30	1.60		= 42.24
	11	8.00	0.90		= 79.20
	8	5.70	1.10		= 50.16
	8	1.40	0.70		= 7.84
	7	7.60	1.30		= 69.16
	4	5.60	0.60		= 13.44
	6	4.90	1.30		= 38.22
	9	11.20	1.90		= 191.50
	10	8.00	1.10		= 88.00
	11	1.70	1.40		= 26.18

	8	4.60	0.60		= 22.04
	6	8.90	1.30		= 69.42
	11	7.50	1.40		= 115.50
	5	12.40	2.00		= 124.00
	7	12.20	1.40		= 119.56
	4	7.20	1.70		= 48.96
	15	8.40	0.70		= 88.20
	9	4.00	0.60		= 21.60
	12	4.50	1.20		= 64.80
	15	6.10	1.30		= 118.95
	10	4.90	1.00		= 49.00
	5	6.10	1.30		= 39.60
	9	3.00	0.60		= 16.20
	14	6.10	1.60		= 136.64

1814.98 m²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF	1814.98
	10	5.10	1.00	=	51.00
	14	7.10	1.70	=	168.98
	8	4.10	1.00	=	32.80
	9	9.70	1.50	=	136.95
	7	8.20	0.70	=	40.67
	9	4.60	1.00	=	41.40
	11	7.80	1.30	=	111.54
	13	12.0	1.70	=	265.20
	15	5.20	1.00	=	78.00
	11	7.80	1.60	=	137.28
	6	6.80	1.50	=	61.20
	9	4.60	0.90	=	37.26

	8	8.10	0.60	=	38.98
	9	4.50	1.60	=	64.80
	11	9.30	1.70	=	173.91
	8	5.50	0.90	=	29.60
	9	8.40	1.60	=	128.96
	14	4.60	1.50	=	75.90
	15	2.60	1.30	=	70.20
	7	7.10	1.50	=	74.55
	6	4.60	1.20	=	33.12
	6	7.50	1.50	=	67.50
	13	4.60	1.50	=	20.70
	6	5.40	1.60	=	51.84
			Area		2882.22
					40.075

Qty. 288.92 /
 Continuation 43

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	10 A	2.39	1.50	26	2360.53
	9	3.50	0.570		= 22.05
	14	7.10	1.90		= 183.86
	10	5.90	1.20		= 70.80
	14	8.20	2.00		= 224.60
	8	4.80	1.20		= 46.08
	9	11.30	1.70		= 172.89
	11	9.10	0.80		= 86.08
	9	5.10	1.10		= 50.49
	11	8.60	1.40		= 132.44
	13	13.20	1.90		= 326.04
	15	5.70	1.10		= 94.05
	11	8.60	1.80		= 170.28

	6	7.50	1.70		= 76.50
	9	5.10	1.00		= 45.90
	8	8.90	0.70		= 49.84
	9	5.0	1.80		= 81.00
	11	11.40	2.10		= 263.34
	8	6.80	1.10		= 59.84
	9	10.30	2.00		= 185.40
	11	5.70	1.80		= 112.86
	15	4.40	1.60		= 105.60
	7	8.70	1.80		= 109.62
	6	5.70	1.50		= 51.30
	6	9.20	1.80		= 99.36
	3	5.70	1.80		= 30.78
	6	6.60	2.0		= 79.20

Area. ① 5294.73

Continuation

46.075

644. - 397.10 M³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(6) Prime coat (PS ₁) provided					
2 applying Prime coat					
do all complete					
Qty. wide TMB Page ①					
of item 5 of Area ①					5294.73
MSS (895) provided					
(7) Tack coat (PS ₁) provided					
2 laying Tack coat					
do all complete					
Qty. wide TMB Page ③					
of item ②					5294.73
(8) Tack coat (PS ₁) provided					
2 laying Tack coat					
do all complete					

(9)	1 x 300.0 x 3.75	=	12875.0
	1 x 500.0 x 3.75	=	1875.0
(10)	1 x 730.0 x 3.75	=	2737.50
	1 x 165.0 x 3.75	=	618.75
	Qty. wide TMB Page ④		5294.73
In Case	7 x 30 (5.64375 - 3.75)	=	194.25
wedging			23095.23
(11)	SDBC provided 2 laying		
	SDBC rolling & compacting		
	do all complete		
	1 x 300 x 3.75 x 0.025	=	309.38
	1 x 500 x 3.75 x 0.025	=	46.88
(12)	1 x 730 x 3.75 x 0.025	=	68.44
	1 x 165 x 3.75 x 0.025	=	15.47
	7 x 30 (5.64375 - 3.75) x 0.025	=	4.86

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) (13) SIFIF of Rec. M-15 up					
		18M. stone			
		7 no			= 7 no.
(11) (14) SIFIF of Rec. M-15 up					
		200M. stone			
		18 no			= 18 no.
(12) (15) SIFIF of retainer blocks					
		200M. stone			
		18 no			= 18 no.
(13) (17) SIFIF of beam equalizer					
		4x 1.20m x 0.80m			= 3.84 m ²
(14) (18) SIFIF of beam connector					
		52 no			= 52 no.
(15) (19) SIFIF of beam connector					
		12 no			= 12 no.
(16) (20) SIFIF of beam connector					
		6 no			= 6 no.
(17) (21) SIFIF of boundary guard					
		6 no			= 6 no.
(18) (22) SIFIF of boundary guard					
		80 no			= 80 no.
(19) (23) Planting new lath & log					
		4x 6.0			= 24 m ²
(20) (24) Planting trees by rd. side					
		235 no			= 235 no.
(21) (25) Rd. Marking with lat applied					
		2x 4695 x 0.10			= 939.0 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(21) Pedestrian Crossing					
marking with hot					
applied					
2x 6x 6.0 x 0.50					= 3.6 m ²
(22) Providing 2 long 4 type					
MR B&S bars					
in all corners					
4 x 4.70					= 4 m ²
(23) Repair of E.C. Culvert					
Parapet masonry w					
cull (1.3) in parapets					
2x 4.60 x 0.40 x 0.60					= 2.21 m ²
(24) Plastering w cull (1.4) in parapets					
Code 4x 4.60 x 0.40					= 11.04 m ²

Top	2x 4.60 x 0.40	= 3.68
Front	4x 0.40 x 0.6	= 0.96
		15.68 m ²
(25) Painting two coats		
4x 4.0 x 0.6	= 9.60	
2x 4.0 x 4.60	= 36.80	
4x 0.40 x 0.60	= 0.96	
		47.36 m ²
(26) Repair Parapet w H.P		
Parapet masonry w		
cull (1.3) in parapets		
2x 4.70 x 0.40 x 0.60	= 2.26 m ²	
(27) Plastering w cull (1.4)		
4x 4.70 x 0.60	= 11.28	
2x 4.70 x 0.40	= 3.76	
4x 0.40 x 0.60	= 0.96	

Continuation

16.0
x 5
= 80.0 m²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(28) Part of two on plot					11.58
					11.70
		4x 4.0x 0.60			9.60
		2x 4.0x 4.70			37.60
		4x 0.40x 0.60			0.96
					48.16
					25
					24.80
					15.60
					8.50
					12.88
					9.00
					3.90

ABSTRACT OF COST

(1) Clearing & grubbing rd. L&D				
Qty. under TMB Ag ①				
0.94 M ³ CR 51133.76 / M ³ = Rs 48066.00				
(2) Condn of subgrade shoulder.				
Qty. under TMB Ag ①				
2815.92 M ³ CR 127.61 / M ³ = Rs 5,28,295.00				
(3) Condn of G.S.D. - 90				
Qty. under TMB Ag ③				
318.28 M ³ CR 1242.58 / M ³ = Rs 3,95,488.00				
(4) Paving 10.5m 90				
Qty. under TMB Ag ⑤				
288.92 M ³ CR 1908.52 / M ³ = Rs 5,51,410.00				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Providing & laying					
Qty. under TMB Page 7					
297.10 m ² CR		1817.00	m ² =		721531 cu
(6) Providing & applying Prime coat					
Qty. under TMB Page 8					
5294.73 m ² CR		44.77	m ² =		237045 cu
(7) Providing & Laying Primer					
Qty. under TMB Page 8					
5294.73 m ² CR		201.32	m ² =		1065935 cu
(8) Providing & laying First coat					
Qty. under TMB Page 8					
23095.23 m ² CR		15.23	m ² =		351740 cu
(9) Providing & laying					

Qty. under TMB Page 8					
445.03 m ³ CR		10263.29	m ³ =		4567472
(10) SIFIF of K.M. Stone					
Qty. under TMB Page 9					
7 no. CR		1779.10	each =		12454 cu
(11) SIFIF of 200 M Stone					
Qty. under TMB Page 9					
1820. CR		516.33	m ² =		929400
(12) SIFIF of place & construction base					
Qty. under TMB Page 9					
3.84 m ² CR		12052.83	m ² =		46283 cu
(13) SIFIF of Brown equalateral					
Qty. under TMB Page 9					
52 no. CR		3430.46	each =		178384 cu

Continuation S 87,13397 cu

Qty. under 14B page 9

264 cu/ft @ 52 / cu/ft = 137 = w

(19/23) Planted in by rd. Side:

Qty. under 14B page 9

235 no. @ 819.92 / each = 192,681 =

(20/24) Rd. Marking with lat applied

Qty. under 14B page 9

939.6 m² @ 735.44 / m² = 690,578 =

(21/26) Rd. Marking w Rd crossing.

Qty. under 14B page 10

36.0 m² @ 735.44 / m² = 26,476 =

(22/27) Providing 2 ft of 4" MFR across lawn

Qty. under 14B page 10

↑ no. @ 9029.54 / each = 36,118 =

98,02,3843

(25)

Allot Rs. 45.00 Lakhs vide letter No. 52 dt 24.8.21
(603)

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Sch. XLV-Form No. 134

BPB 9802384-00

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
(23) Brick Masonry in cul (1:3) Qty. under TMA Page (10)				
2.21 m ³ CB	5746.52	1.3		12700-00
(24) Plastering in cul (1:4) Qty. under TMA Page (10)				
15.68 m ² CB	138.90	m ²		2178-00
(25) Paving two coats Qty. under TMA Page (10)				
47.36 m ² CB	97.19	m ²		4603-00
(26) Brick Masonry in cul (1:4) Qty. under TMA Page (10)				
11.30 m ³ (Re)	5746.52	1.3		64936-00
(27) Paving in cul (1:4) Qty. under TMA Page (10)				
80.04 m ² CB	138.90	m ²		11112-00
(28) Paving two coats Qty. under TMA Page (1)				
240.80 m ² CB	97.19	m ²		23403-00
				9921316-00
Add 12% GST				1190558-00
Add 1% Labourers				99213-00
Seigniorage tax				106185-00
1.13 12.22%				1131744-00
Less as per agreement				33952-00
				32673-00
Less W.P. 11%				1159558-00
				117745-00
				4500800-00
22				
50				

Continuation

Butman
Emulser

99 = 4.50 NT 433435/ 106183/

net wt. 1.748 g/m
net 120.04 NT 8/ = 6.35 NT.

9.26
50.43
62.66 g.

9.26 + 53.40 = 62.66 NT.
40.11 NT.

22- 21

40% Deduct 173000 - 42500/

58

Balance 9,59435/ 63683/

CH 3054 Road & Bridge

Sch. XLV-Form No. 134 ¹⁶
+ 75 mg of Pym + ml.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
90,000 = w		27	In Volume Tty		
90,000 = w ✓		27	Inst - TD		
2,250,000 = w ✓		5%	S.D		
45,000 = w ✓		1%	Laboratory		✓
4,50,000 = w x		10%	Est d Time		Reduced R 11,15,500 w
1,73,000 = w ✓			Royalty		
42,500 = w ✓			S-Fee		
33,84,500 = w			rsyok-gw		
R 45,09,000 = w			Tiny		
			Pressed / w R 45,00,000 /		
Release Forty Five Lact 1 m)					

Continuation