

11/11/2019

House of Kalesh Singh to

1043 ~~1043~~ 21/21/81

Schedule XLV Form No. 134.

91241018 21/21/21-21/21/21 21/21/21 21/21/21 DIVISION
91374-111

2121209 21/21/21-21/21/21 21/21/21 21/21/21 SUB-DIVISION
91374-121

Measurement Book 689

2121209 → 2121209 kumar

Third & Final bill

Name of work: - Construction
of Road from House
of Kailash Singh to
L043

Agency: - Praveen Kumar

Agreement No.: -

Date of Commencement: -

Date of Completion: -

Record measurement

1/ Cont. of Gbb GRI

$$2 \times 30.00 \times 4.05 \times 0.20 = 48.60 \text{ m}^3$$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
2/ Providing laying w 4" G.M.P.						
	5	20.00	3.75	0.075	28.125 m ³	
	1	15.00	3.75	0.075	4.218 m ³	
					32.343 m ³	
3/ Cont. of work finished						
joint CC Pavement						
	1	30.00	3.95	0.16	18.96 m ³	
	1	15.00	4.80	0.16	11.52 m ³	
	1	10.00	4.50	0.16	7.20 m ³	
					37.68 m ³	
4/ Cont. of existing shoulder						
	2	10	30.00	1.40	0.20	168.00 m ³
	2	10	30.00	1.388	0.20	166.56 m ³
	2	8	25.00	1.388	0.20	111.04 m ³
	2	1	20.00	1.60	0.20	12.80 m ³
	2	10	30.00	1.20	0.075	54.00 m ³
	2	10	30.00	1.182	0.075	53.19 m ³
	2	8	25.00	1.182	0.075	35.46 m ³
	2	1	20.00	1.50	0.075	4.50 m ³
	2	10	30.00	0.375	0.10	22.50 m ³
	2	8	25.00	0.375	0.10	15.00 m ³
	2	10	30.00	0.375	0.075	16.875 m ³
	2	8	25.00	0.375	0.075	11.25 m ³
	2	10	30.00	0.375	0.16	36.00 m ³
	2	8	25.00	0.375	0.16	24.00 m ³
	2	4	20.00	1.80	0.335	26.98 m ³
					827.655 m ³	
Continuation					827.655 m ³	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(a) For Lead up to 1000m					
30% of 827.655 m ³					= 248.296 m ³
(b) For Lead up to 100m					
70% of 827.655 m ³					= 579.358 m ³
5/ Construction of embankment with material obtained from borrow pits					
Sl. No.	Filling (1A m ²)	Filling (1A m ²)	Dist (m)	Qty. (m ³)	
00	3.766	—	—	—	—
50	5.225	4.496	50.00	124.775	
100	3.907	4.566	50.00	128.360	
150	4.118	4.613	50.00	200.625	
200	3.888	4.623	50.00	240.150	
250	6.452	5.170	50.00	258.500	
300	5.679	6.065	50.00	303.225	
350	6.621	6.149	50.00	307.450	
400	5.343	5.982	50.00	299.100	
450	5.430	5.391	50.00	289.550	
500	5.129	5.248	50.00	264.200	
550	4.850	4.990	50.00	249.475	
600	5.068	4.959	50.00	247.950	
650	5.424	5.281	50.00	264.050	
700	4.831	5.163	50.00	258.125	
750	4.569	4.700	50.00	235.00	
800	6.903	5.736	50.00	286.800	
850	4.470	5.687	50.00	284.325	
900	3.757	4.114	50.00	205.675	

Continuation

18
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
950	3-597	3-667		50.00	183.350
1000	5-249	4-663		50.00	233.150
1050	3-575	4-662		50.00	233.100
1100	3-039	3-307		50.00	165.350
1150	4-291	3-460		50.00	183.000
1200	3-733	4-007		50.00	200.350
1250	3-700	3-717		50.00	185.825
1300	5-286	4-493		50.00	224.650
1350	3-257	4-272		50.00	213.575
1400	4-258	3-758		50.00	187.875
1450	2-402	3-329		50.00	126.450
1500	2-209	2-305		50.00	115.225
1550	3-464	2-837		50.00	141.825
1600	3-109	3-287		50.00	164.325
1675	3-117	3-113		75.00	233.475
					2718.802
Less Grd. Adj.					(-1819.972)
Less W.B. & G. Adj.					(-1481.379)
Less Subgrade & earth shoulder					(-2617.597)
Less CC Pavement					(-1522.502)
Less Adj. of Box cutting					(-45.000)
Less Adj. of Box cutting					(-45.000)
					2977.404
(A) For Load up to 10000					2933.404
8383% of 2977.404					= 2473.212
Limit					= 2459.102

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(b) For Lead up to 100m					
16% of 2494.10					= 392.646m
(a) For Lead up to 1000m					
84% of 2933.404m					= 2461.05m
(b)				Limit = 2454.10m	
b) For Lead up to 100m					
16% of 2933.404m					= 469.34m
c/ PAF Prime Cost with SS 1					
1 x 16.00 x $\frac{(5.70+3.75)}{2}$					= 75.60m
5 x 30.00 x 3.75					= 562.50
4 x 25.00 x 3.75					= 375.00
2 x 15.00 x $\frac{(5.70+3.75)}{2}$					= 141.75m
10 x 30.00 x 3.75					= 1125.00m
6 x 30.00 x 3.75					= 675.00m
1 x 20.00 x 4.40					= 88.00m
1 x 10.00 x 3.00					= 30.00m
1 x 14.00 x 4.50					= 63.00m
					= 335.85m
7/ PAF Tack Coat with SS 1					
Qty same as item no (6)					= 3135.85m
8/ Providing, laying and rolling closed graded surfix surface					
Qty same as item no (7) & (19)					= 3135.85m
9/ PAF RCC 115 grade					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(a) kn stone				=	3 nos
(b) 200mm stone				=	7 nos
10/ Road Marking on BT Stone					
	2x8	30.00	0.10	=	48.00m ²
	2x1	26.00	0.10	=	5.20m ²
	2x10	30.00	0.10	=	60.00m ²
	2x8	30.00	0.10	=	48.00m ²
	2x1	14.00	0.10	=	2.80m ²
				=	164.00m ²
11/ Road Marking of PCC Road					
	2x10	30.00	0.10	=	60.00m ²
	2x10	30.00	0.10	=	60.00m ²
	2x8	30.00	0.10	=	48.00m ²
	2x1	15.00	0.10	=	3.00m ²
				=	171.00m ²
12/ Providing and fixing Traffic Sign					
(a) 600mm side equilateral triangle				=	12 nos
(b) 600mm side circular				=	2 nos
(c) 800x600mm rectangular				=	4 nos
(d) 600x450mm rectangular				=	4 nos
(e) 900mm side octagonal				=	2 nos
13/ Providing and fixing RCC M.S. grade boundary pillar				=	40 nos

Continuation

Continuation

Abstract of Cost

22

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/ Providing and fixing MCM					
Log buaz					
Qty vide item no (1) P (1) = 2 Nos					
Qty vide item no (1) P (2) = 2 Nos					
				4 Nos	
@ Rs 9500.12					= Rs 38000.4
2/ PAF Bench Mark mark					
Qty vide item no (2) P (1)					
				= 2 Nos	
@ Rs 3539.07					= Rs 7078.14
3/ PAF Reference Pillar					
Qty vide item no (3) P (1)					
				= 6 Nos	
@ Rs 1617.54					= Rs 9705.00
4/ Clearing and grubbing road land					
Qty vide item no. (4) P (2)					
				1.17 Ha	
@ Rs 52970.33					= Rs 61975.00
5/ E/W in excavation for foundation					
Qty vide item no. (5) P (2)					
				= 62.64 m ³	
@ Rs 279.09					= Rs 17482.00
6/ Providing PCC Mass grade					
levelling concrete					
Qty vide item no (6) P (2) = 11.383 m ³					
@ Rs 4586.93					= Rs 52207.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7/ PCC in Subgrade					
Qty. vide item no. (2) P (2)					
					$= 60.66 \text{ m}^3$
@ B 5342.83					$= \text{Rs } 27101.00$
3/ P 4 L 600 mm dia NP HP					
Qty. vide item no. (8) P (2)					
					$= 30.00 \text{ m}$
@ B 2014.09					$= \text{Rs } 60426.00$
1/ Box cutting					
Qty. vide item no. (3) P (2)					
					$= 75.00 \text{ m}^3$
@ B 75.57					$= \text{Rs } 5667.00$
10/ Cont. of embankment with material obtained from box cutting					
Qty. vide item no. (10) P (3)					
					$= 45.00 \text{ m}^3$
@ B 26.68					$= \text{Rs } 1201.00$
11/ Cont. of Subgrade and earthen shoulder					
(a) For Lead up to 100 m					
Qty. vide item no. (11a) P (3)					$= 392.90 \text{ m}^3$
Qty. vide item no. (5a) P (1a)					$= 44.065 \text{ m}^3$
Qty. vide item no. (11a) P (1a)					$= 148.29 \text{ m}^3$
					$= 85.26 \text{ m}^3$
@ B 192.04					$= \text{Rs } 15080.00$
(b) For Lead up to 100 m					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. vide item no 11/6/P (12)					
					$= 916.776 \text{ m}^3$
Qty vide item no. 16/6/P (14)					$= 936.151 \text{ m}^3$
Qty. vide item no 4/6/P (17)					$= 529.858 \text{ m}^3$
					1832.285 m^3
@ B 155.13					$= 13284279.00$
2/ Const. of curb GZ I					
Qty vide item no 12/P (13)					$= 771.372 \text{ m}^3$
Qty. vide item no 1/P (15)					$= 4580 \text{ m}^3$
					819.972 m^3
@ B 2350.27					$= 19057152.00$
13/ P 4 L 300mm dia RCC duct					
Qty. vide item no 13/P (13)					$= 447.036 \text{ m}^3$
Qty vide item no. (2) P (16)					$= 32.393 \text{ m}^3$
					479.379 m^3
@ B 3245.97					$= 1556049.00$
14/ Const of unreinforced joint CC pavement					
Qty. vide item no. 14/P (13)					$= 484.80 \text{ m}^3$
Qty. vide item no (3) P (16)					$= 37.70 \text{ m}^3$
					522.50 m^3
@ B 6027.63					$= 15349436.00$
15/ P 4 L 300mm dia RCC duct					
Qty. vide item no (1) P (9)					$= 30.00 \text{ m}^3$
@ B 882.98					$= 1526499.00$

Continuation

25
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D	
16/ Cont. of embankment with approved material					
(a) For land upto 1000m					
Qty. vide item no. 5(a) P(19)					
				= 2954.1013	
@ Rs 190.36					= Rs 467162.00
b/ For land upto 100m					
Qty. vide item no 5(b) P(19)					
				= 469.3418	
@ Rs 143.20					= Rs 67212.00
17/ P 4A prime gravel with SS 2					
Qty. vide item no 6/P(19)					
				= 3135.8512	
@ Rs 43.35					= Rs 135939.00
18/ P 4A Tack coat with RS-1					
Qty. vide item no 7/P(19)					
				= 3135.8512	
@ Rs 14.97					= Rs 46913.00
19/ providing, laying & graded premix surface					
Qty. vide item no. 8/P(19)					
				= 3135.8512	
@ Rs 192.21					= Rs 602771.00
20/ P 4F PCC 150 grade					
(a) Km Stone					
Qty. vide item no. 9a/P(19)					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			= 31.08		
@ Rs 2008.31				= Rs 6024.00	
(b) 200m Stone					
Qty. vide item no 2(b) P(20)			= 71.08		
@ Rs 567.57				= Rs 3972.00	
20/ Road Marking on B7 Surface					
Qty. vide item no (10) P(20)			= 164.00 m ²		
@ Rs 721.99				= Rs 118399.00	
21/ Road Marking of PCC Road					
Qty. vide item no (11) P(20)			= 171.00 m ²		
@ Rs 810.76				= Rs 138639.00	
23/ Traffic Sign					
(a) 600mm Diameter					
Qty. vide item no 12(a) P(20)			= 12.08		
@ Rs 3615.57				= Rs 43386.00	
(b) 600mm dia Circular					
Qty. vide item no 12(b) P(20)			= 2.08		
@ Rs 4840.43				= Rs 9680.00	
(c) 800x600mm Rectangular					
Qty. vide item no 12(c) P(20) = 4.08					
@ Rs 6740.40				= Rs 26961.00	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
d/ 600 x 950 mm rectangular					
Qty. vide item no. 12/21 P(20)					
				= 4 nos	
@ Rs 4715.05				= Rs	18860.00
/ 900mm side octagonal					
Qty. vide item no. 12/21 P(20)					
				= 2 nos	
@ Rs 8592.15				= Rs	17184.00
/ PAF ROL Micrograde boundary pillar					
Qty. vide item no. 13/21 P(20)					
				= 40 nos	
@ Rs 489.83				= Rs	19593.00
25/ planting of trees					
Qty. vide item no. 15/21 P(21)					
				= 82 nos	
@ Rs 844.59				= Rs	69256.00
26/ painting of parapet wall					
Qty. vide item no. 16/21 P(21)					
				= 49.92 m ²	
@ Rs 100.76				= Rs	5029.00
					Rs 9469026.00
Less 22.11% below					- Rs 2093601.00
					Rs 7375425.00
Add GST 12%					Rs 885051.00
Add L Less 1%					Rs 73754.00
					Rs 8334230.00

Continuation

Continuation