

MB No:-3523

Schedule XLV-Form No. 134

Mmhsy-NDB 27/6/1967 NH-85 Kp. Bazaar to Hem Singh Ke Ghar Tak 85/21

DIVISION

MB No:-3523

SUB-DIVISION

Gant - Sri - Ravinder Kumar Rai

W.M.D.

Measurement Book

L d
ID 408

4th Final Bill

33

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
M Work	Construction of Road and C.D work from NH 85 Kapa Dakhan to Hem Singh Keghan Tola (Kapa Dakhan Tola)				
Area	sq m (N.B.) MM G.S.P				
Agency	Sh. Ranvir Singh Rai				
Ag & M/s	10/8/2023/2023				
dt of work order	10/10/2022 to 09/10/2023				

Item of Work done

(1) Cleaning of road work	19x2.0m x 3.5m = 133.00 N.R. 1 x 20m x 3.50 = 70.00 N.R	2065.00 N.R
width base No. 19	0.19 x 0.2065 H.R. 1.050 H.R	1.2565 H.R
(2) Excavation for road work		
in height 0.1		
2x4.12m x 0.375 x 0.100 = 9.00 N.R 2x3.0m x 0.375 x 0.100 = 1.50 N.R	10.50 N.R	
2x3.0m x 10 x 0.375 x 0.100 = 39.375	49.845	
width base No. - (19) 0.19 x 0.247.50 = 247.50 N.R	247.50 N.R	
	Total 297.375	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Provide Layout Concrete Granular Sub base Gravel width 0					
$2 \times 4 \times 30m \times 0.375 \times 0.100 = 9.00 m^3$					
$2 \times 10 \times 30m \times 0.375 \times 0.100 = 2.40 m^3$					
$2 \times 10 \times 30m \times 0.375 \times 0.175 = 39.375 m^3$					
Width - 2m (4m) $\times 0.175 (m) \times 0.120 = 1.12 m^3$					
					50.995
width face 0.8 ft = 1298.88 ft ²					
					Total 1343.875 ft ²
(4)					
Provide Layout & Depth Concrete width 6ft					
$4 \times 30m \times 3.75 \times 0.100 = 59.00 m^3$					
width face 0.8 ft $\times 0.100 = 901.00 ft^2$					
					Total 960.122 ft ²
(5) Provide Layout Concrete Road Cut & fill					
$1 \times 10m \times 6.25 + 3.75 \times 0.100 = 81.00 m^3$					
$1 \times 20m \times 4.00 (m) \times 0.160 = 19.20 m^3$					
$1 \times 30m \times 4.00 (m) \times 0.160 = 24.00 m^3$					
$1 \times 30m \times 4.00 (m) \times 0.160 = 24.00 m^3$					
$1 \times 17m \times 4.00 (m) \times 0.160 = 13.33 m^3$					
$1 \times 20m \times 4.00 (m) \times 0.160 = 24.00 m^3$					
$3 \times 30m \times 3.75 (m) \times 0.160 = 54.00 m^3$					
width face 0.8 ft = 164.87 ft ²					
Continuation 838.87 ft ²					
					1003.24 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) For under Primer Coat with Bitumen Emulsion (S.C. 1) do do					
$20 \times 30\text{m} \times 3.77\text{m} = 2250.00\text{m}^2$					
$20 \times 30\text{m} \times 3.77\text{m} = 2250.00\text{m}^2$					
$20 \times 30\text{m} \times 3.77\text{m} = 2250.00\text{m}^2$					
$5 \times 30\text{m} \times 3.77\text{m} = 562.50\text{m}^2$					
Add extra for Gutter and Ramps 146.20m^2					
Total 7458.75m^2					
(7) For under and bitumen Tape Coat with Bitumen Emulsion (A.S.P.) do do					
$20 \times 30\text{m} \times 3.77\text{m} = 7458.75\text{m}^2$					
(8) For under Layer and bottom of close-graded Premix Surface in 20mm (M.S.S.) do do					
work done 7458.75m^2					
vide 1st note No. 8					
(9) For under Reinforced Cement Concrete No. 15 K.M. Post do do					
$800 = 0.8 \text{ MR}$					
(10) For Surface Cement Concrete No. 15 Gypsum Post $800 = 14 \text{ R}$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Providing sand floor soffit soffit Gypsum Mandarins each side 10 mm Gypsum = 10 mm equivalent thickness Tray					
(12) Form of circular pipes Gypsum Circular No. good Gypsum = 0.8 m ²					
(13) Form and tray 600 x 450 mm rectangle Gypsum = 0.6 m ²					
(14) Providing sand floor tuffical MMCS 10 mm Gypsum 10 mm Mastic under form Gypsum = 0.3 m ²					
(15) Form of Reinforced Cement Concrete Poured floor Gypsum = 36 m ²					
(16) Providing sand floor Plaster of lime 10 mm Gypsum = 183 m ²					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Posidng Road					
Markings					
Hot & cold line & Thermometer					
Cable screen &					
do					
$2 \times 25 \times 30 \times 0.10 = 150.00 \text{ m}^2$					
$2 \times 25 \times 30 \times 0.10 = 150.00 \text{ m}^2$					
$2 \times 25 \times 30 \times 0.10 = 150.00 \text{ m}^2$					
$2 \times 25 \times 30 \times 0.10 = 150.00 \text{ m}^2$					
$2 \times 15 \times 20 \times 0.10 = 114.00 \text{ m}^2$					
$2 \times 9 \times 20 \times 0.10 = 94.00 \text{ m}^2$					
Total 718.00 m²					
(18) Posidng Plastic					
on concrete surface / earth floor					
frontage surface of -					
Area of Plastic					
mid Park NO (8) = 49.08					
" (18) = 58.52 m ²					
Total area 107.60 m²					
Estimate of plastic					
Estimated Estimate NO = 90.71 m ²					
(19) Posidng Brick wall					
on surface of concrete					
$2 \times 8 \times 30 \times 0.50 = 240.00 \text{ m}^2$					
$2 \times 6 \times 30 \times 0.50 = 180.00 \text{ m}^2$					
$2 \times 8 \times 30 \times 0.25 = 120.00 \text{ m}^2$					
$2 \times 8 \times 0.25 = 40.00 \text{ m}^2$					
$1 \times 4 \times 0.25 = 10.00 \text{ m}^2$					
$2 \times 6 \times 30 \times 0.50 = 180.00 \text{ m}^2$					
$2 \times 2.5 \times 0.50 = 25.00 \text{ m}^2$					
820.00 m²					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20	1.530	1.460	50	78.00	N ³
50	1.390	1.460	50	73.00	N ³
100	1.760	1.575	50	78.75	"
150	1.590	1.675	50	83.75	"
200	1.450	1.520	50	76.00	"
250	1.890	1.670	50	83.00	"
300	1.650	1.770	50	88.500	"
350	1.550	1.670	50	80.000	4
400	1.890	1.780	50	86.000	"
450	1.460	1.675	50	83.750	"
500	1.350	1.405	50	70.850	1
550	1.930	1.640	50	82.000	"
600	0.000	0.000	50	0.000	"
650	0.000	0.000	50	0.000	"
700	0.000	0.000	50	0.000	"
750	0.000	0.000	50	0.000	"
800	0.000	0.000	50	0.000	"
850	0.000	0.000	50	0.000	"
900	0.000	0.000	50	0.000	"
930	0.000	0.000	50	0.000	"
950	2.250	1.125	50	28.500	"
1000	2.050	1.025	50	51.050	"
1050	2.250	2.150	50	107.500	"
1100	2.650	2.450	50	122.500	"
1150	2.350	2.500	50	185.000	"
1200	2.260	2.305	50	115.250	"
1250	2.860	2.560	50	128.000	"

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1300	2.560	2.710	50	185	0.000 m ²
1350	2.890	2.725	50	136	2.850 "
1400	1.350	2.120	50	106	.000 "
1450	2.490	1.920	50	96	.000 "
1500	2.960	2.725	50	136	2.850 "
1550	2.050	2.550	50	125	2.850 "
1600	2.560	2.305	50	115	2.850 "
1650	3.840	3.200	50	160	.000 "
1700	3.550	3.695	50	184	.780 "
1750	3.620	3.585	50	179	.250 "
1800	3.970	3.795	50	189	.780 "
1850	3.860	3.915	50	195	.780 "
1900	3.450	3.655	50	182	.780 "
1950	3.540	3.495	50	184	.780 "
2000	3.850	3.695	50	184	.780 "
2050	3.760	3.805	50	190	.250 "
2100	3.880	3.890	50	191	.000 "
2150	3.280	3.565	50	178	.250 "
2200	3.850	3.550	50	177	.500 "
2250	3.850	3.675	50	183	.780 "
2300	3.250	3.375	50	168	.780 "
2350	3.850	3.550	50	177	.500 "
2400	3.750	3.800	50	190	.000 "
2450	3.450	3.600	50	180	.000 "
2500	4.650	4.050	50	202	.500 "
2550	3.360	4.005	50	200	.250 "
2600	3.230	3.295	50	164	.780 "
2650	4.870	4.050	50	202	.500 "

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2700	3.950	4.410	50	220.500 m ³	
2750	3.650	3.800	50	190.000 "	
2800	3.280	3.465	50	173.250 "	
2850	3.350	3.315	50	165.780 "	
2900	4.950	4.150	50	207.500 "	
2950	3.650	4.300	50	215.000 "	
3000	3.560	3.605	50	180.250 "	
3050	4.950	4.255	50	212.750 "	
3100	3.820	4.385	50	219.200 "	
3150	3.750	3.785	50	189.250 "	
3200	3.655	3.703	50	185.125 "	
3250	3.550	3.603	50	180.125 "	
3300	4.851	4.200	50	210.015 "	
3350	3.350	4.100	50	205.015 m ³	
3400	4.650	4.000	50	200.000 "	
3450	4.950	4.800	50	240.000 "	
3500	4.850	4.900	50	245.000 "	
3550	4.650	4.750	50	237.500 "	
3590	3.590	4.120	40	164.800 "	
<u>Total</u>				10,107.80 m ³	

Less Count ~~84~~

$$(i) GDB Cr = 1343.375 m^3$$

W& Pw ~~(84)~~

$$(ii) W& M Cr = 960.69 m^3$$

W& Pw ~~(84)~~

(iii) Correct Comptd

$$\frac{1000}{1000} \cdot 24 N^3$$

$$\frac{3307.805}{3307.805} N^3$$

Net Count ~~84~~

$$\text{Continuation} \quad 6800.525 m^3$$

Balance Net w/w

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Per
E/W width Subgrade	Total	6800	525	13	

(i) Construction of embankment up to 100 m head $\text{B.P.} = 3390.525 \text{ M.S}$

(ii) up to 1000 m head $\text{B.P.} = 1560.00 \text{ M.S}$

(iii) Construction of Suggal $\text{B.P.} = 1850.00 \text{ M.S}$

~~SDM~~ ~~Water Area~~

Abs tract of cost

1) Setting out Pitts work
Knee walls
W.C.P. Par 104/27
 $\text{B.P.} = 104 \text{ M.S}$
 $\text{C.R.} 3664 = 27 / 14,657 = 0$

2) Form Reform C
Pitts
W.C.P. Par 27
 $\text{B.P.} = 14 \text{ M.S}$
 $\text{C.R.} 1690 = 68 \text{ M.S}$

3) Construction of embankment
Knee walls
 $\text{B.P.} = 1.2565 \text{ M.S}$
 $\text{C.R.} 970 = 33 \text{ M.S}$
 $\text{B.P.} = 970 = 33 / 16,557 = 0$

$61,04,884 = 0$

Continuation

B.R.

S. 104, 884,

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Excavation for road work with hydraulic excavator					
Wide face No. (33)					
$B_{Dy} = 8.97 \cdot 37.5 \text{ m}^3$					
$@ 75.57/\text{m}^3$					
$\text{Rs} 22473/-$					
(5) Construction of embankment up to 100cm high					
Wide Part (41)					
$B_{Dy} = 15.60 \text{ m}^3$					
$@ 180 = 0.71$					
$\text{Rs} 2,96,509/-$					
(6) Cut up to 100m length					
Wide Part (40) = 3390.525					
m^3					
$@ 154 = 28 \text{ per } \text{m}^3 \text{ Rs} 23,090/-$					
(7) Construction of subsoil cut earthworks					
Wide Face No. (4)					
$B_{Dy} = 1850.0$					
m^3					
$@ 191.276 \text{ per } \text{m}^3 \text{ Rs} 354,756/-$					
(8) Construction of granular Subsoil ground					
do					
Wide Part (34) = 1343.375					
m^3					
$@ 2577 = \text{sq ft } 34,63,073/-$					
$\text{Rs} 47,64,725/-$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Aroundy playing					
9 80m long					
60m width					
Width 60m					
W.C.P. No. 34 - 960/122					
M.B.					
⑩ 3691 = 21 m ²					
R 32,44,012/-					
⑪ Aroundy playing					
10 Frontier road (S.E.)					
Width 60m					
W.C.P. No. 35					
R 7458.75 M ²					
⑫ 13 = 23 m ²					
R 3,21,42/-					
⑬ Aroundy playing					
11 Back court (R.S.)					
Width 60m					
W.C.P. No. 35					
R 7458.75 M ²					
⑭ 14 = 49 m ² R 11,0315/-					
⑮ For playing and					
12 Path (Chowpatty					
Path (N.S.O.)					
Width 60m					
W.C.P. No. 35					
R 7458.75 M ²					
⑯ 222 = 87 m ²					
R 46,62,332/-					

Continuation

R 1,04,03,886/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
13	Footings	Concrete			
13	Footings	Concrete	14.30		
	dr	dr			
14	Wide Lane	No. 34			
	Width	1003.24 M ³			
	CB	691.520/			
	cm ³	69,37,418.20			
14	Footings	Reinforced			
14	Concrete	M 15			
	K.m. Post	dr			
	dr	dr			
14	Wide Lane	No. 35			
	Width	0.5 m			
	CB	22.30 = 61/			
	CB	11.153 = 00			
15	16	From	Reinforced		
15	Concrete	M 15			
	Post	dr			
	dr	dr			
15	Wide Lane	No. 35			
	Width	14.10			
	CB	608 = 57/			
	CB	8520 m			
16	Footings	From			
17	Concrete	M 15	80		
	dr	dr			
16	Wide Lane	dr			
16	Width	0.3 m			
	CB	0.75 = 0.3 m			
	CB	9534 = 78			
	CB	98,604 = 00			

Continuation

₹ 143,89,578/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17					
18	Provided land for				
	Camp Singapore				
	width part 6 = 10 M				
	$\text{Q} \times 3616 = 72$				
					R 36,167/-
19	For land				
	600 mtr Circles				
	width part 6				
	$600 \div 8 = 75$				
	$\text{Q} \times 4629 = 01$				
					R 37,032/-
20	Land for trap				
	rectangle ground				
	width part 6 = 600 x 450 mtr				
	$600 \div 6 = 06$				
	$\text{Q} \times 4525 = 38$				
					R 27,152/-
21	Land for Reinforced				
	115 Boundary of				
	width part 6 = 36				
	$36 \div 36 = 1$				
	$\text{Q} \times 584 = 01$				R 18,765/-
22	Planting of				
	trees and other				
	width part 6 = 183 M				
	$183 \div 62 = 3$				
	$\text{Q} \times 842 = 62$				R 1,54,199/-
	Continuation				R 1,76,52,893/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22)					
23	Poonchhi Road				
	From Khar				
	Wid. Pk. No - 37				
	$\text{Bd} = 418.00 \text{ M}^2$				
	$0.0721 = 9.5$				
					$\text{Rs } 5,18,360/-$
(24)					
24	Top Erosion				
	Off road widening				
	Wid. Pk. No - 29				
	$\text{Bd} = 103.79 \text{ M}^2$				
	$0.0225 = 2.3$				
					$\text{Rs } 2,8967/-$
(25)	Poonchhi Ditch				
25	Beefor Camp Sali				
	Wid. Pk. No - 29				
	$\text{Bd} = 12.08 \text{ M}^2$				
	$0.0493 = 7.8 \text{ M}^2$				$\text{Rs } 5965/-$
(26)	From N-15 Plain				
26	Court Compound				
	Wid. Pk. No - 29				
	$\text{Bd} = 9.16 \text{ M}^2$				
	$0.25383 = 2.4$				$\text{Rs } 49,309/-$
(27)	From Brickwadro				
27	WORK (1:4) dy				
	Wid. Pk. No - 29				
	$\text{Bd} = 77.27 \text{ M}^2$				
	$0.5364 = 10 \text{ M}^2$				
					$\text{Rs } 4,14,484/-$

Continuation $\text{Rs } 1,86,79,978/-$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27)					
28	Front side on N.P. 3.				
	H.P. 600 m ²				
	Wid. front on N.P. 30 = 30 m				
	OB 2.50 = 0.2 m				
					Rs 77,731/-
(29)					
29	Front and Sides				
	N.P. 1000 m ² &				
	Rec P'le				
	Wid. front on N.P. 30				
	OB = 7.50 m				
	OB 3.85 = 6.0 m				Rs 26,892/-
(30)					
30	Front C.P.(N)				
	Wid. front (30)				
	OB = 107.60 m ²				
	Wid. total = 90.71 m ²				
	as per book				
	OB 144 = 0.1 / 0.13,090 =				
(31)					
31	Front Sides				
	over new surface				
	OB = 90.71 m ²				
	OB 1.39 = 8.8 m				Rs 12,684/-
(32)					
32	Front Brix Bldg over the former Surface				
	Wid. front on N.P. 37 = 820.00 m ³				
	OB 4.59 = 4.3 m ³				Rs 3,76,733/-
					Rs 1,91,87,108/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Area				bft	R 1,91,87,108/-

less car for agreat				
17.75% bft	100	R 34,05,712/-		
		R 1,57,81,396/-		

Addn 1Y. Labours(+)	R 1,57,814/-
Adm 12Y. G.S.T	R 18,93,768/-
Addn Smsg	R 2,10,700/-

Total R 1,80,43,768/-

Less Accoutant Roy R 1,27,91,933/-

Net R 52,518.35/-

Certified that work
has been Computed
as per Account
and of Emplg.

JOA

17/04/2023

Mukund

Ar.:

C.A

IP

17/04/23

EE