

Genal-Satsaha road to village Nigrai

Shedule XLV Form No. 134.

1951/811/5

DIVISION

195

SUB-DIVISION

Measurement Book

Gen

1st Ankle Poll

Name of Work-
 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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road -	M/R TO Road	From			
Bengal chak sokara To Nigazim.					
Agency -	Shir Shankar Babad				
	Manorambar, Asthauon				
	Malanda				
Agreement No -	MBD-02/2020-21				
	MBD-02(5)/2020-21				
Date of Commencement -	7/7/20				
Date of Completion -	6/4/21				

Actual Date of Completion - 24/3/22

Date of Entry -

Items

① Clearing & grubbing (area) land

.....20.....20.....40

2x	10x	30.00x1.25	750.00m ²
2x	10x	30.00x1.25	750.00m ²
2x	10x	30.00x1.25	750.00m ²
2x	10x	30.00x1.25	750.00m ²
2x	4x	30.00x1.25	300.00m ²
			3300.00m ²
		3300.00m ² /10000	0.33 Hec.

② Scarifying existing bituminous surface

.....20.....20.....40

18x	1.00x0.80	14.40m ²
		14.40m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F.					14.40 m ²
		12x	1.50x	1.10	19.80 m ²
		8x	1.75x	1.50	21.00 m ²
		6x	2.50x	1.25	18.75 m ²
		8x	2.90x	1.30	30.16 m ²
					104.11 m ²
		Unit = 103.95 m ²			

③ Construction of G.S.B. for 2

----- 20 ----- 20 ----- 91					
1x	7.00x	1.10x	0.20	1.540 m ³	
1x	6.00x	1.50x	0.20	1.800 m ³	
1x	8.00x	1.00x	0.20	1.600 m ³	
1x	5.00x	0.90x	0.15	0.675 m ³	

1x	3.00x	3.00x	0.15	1.350 m ³
1x	4.00x	1.10x	0.15	1.485 m³ 0.675 m³
1x	3.00x	1.50x	0.15	0.675 m ³
1x	3.00x	2.50x	0.15	1.125 m ³
1x	5.00x	1.50x	0.20	1.500 m ³
1x	6.00x	2.00x	0.15	1.800 m ³
1x	2.00x	2.84x	0.15	0.852 m ³
1x	7.00x	2.50x	0.20	3.500 m ³
1x	3.00x	2.70x	0.20	1.620 m ³
1x	10.00x	2.50x	0.20	5.000 m ³
1x	4.00x	2.80x	0.175	1.960 m ³
1x	8.00x	2.50x	0.20	4.000 m ³
1x	6.00x	1.00x	0.175	1.050 m ³
1x	6.00x	2.00x	0.175	2.100 m ³
				33.6324 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Paving for Compacting (0.8M) 2					
	1x	3.00x1.10	x0.075		0.578m ³
	1x	6.00x1.15	x0.075		0.675m ³
	1x	8.00x1.00	x0.075		0.600m ³
	1x	5.00x0.90	x0.075		0.338m ³
	1x	3.00x8.00	x0.075		0.675m ³
	1x	9.00x1.10	x0.075		0.743m ³
	1x	3.00x1.50	x0.075		0.338m ³
	1x	3.00x2.00	x0.075		0.563m ³
	1x	5.00x1.50	x0.075		0.563m ³
	1x	6.00x2.00	x0.075		0.900m ³
	1x	2.00x2.84	x0.075		0.426m ³
	1x	3.00x2.50	x0.075		1.313m ³
	1x	3.00x2.70	x0.075		0.608m ³
	1x	10.00x2.50	x0.075		1.875m ³
	1x	4.00x2.80	x0.075		0.840m ³
	1x	8.00x2.50	x0.075		1.500m ³
	1x	6.00x1.00	x0.075		0.450m ³
	1x	6.00x2.00	x0.075		0.900m ³
	1x	8.00x2.80	x0.075		1.500m ³
	1x	6.00x2.50	x0.075		1.125m ³
	1x	9.00x1.90	x0.075		1.283m ³
	1x	5.00x2.20	x0.075		0.825m ³
	1x	4.00x1.50	x0.075		0.450m ³
	1x	8.00x1.20	x0.075		0.720m ³
	1x	3.00x1.00	x0.075		0.525m ³
					20.313m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F.					7.7124 ³
1x	3.00x	2.70x	0.075		0.6084 ³
1x	10.00x	2.80x	0.075		1.8754 ³
1x	4.00x	2.80x	0.075		0.8404 ³
1x	8.00x	2.50x	0.075		1.5004 ³
1x	6.00x	1.00x	0.075		0.4504 ³
1x	6.00x	2.00x	0.075		0.9004 ³
1x	8.00x	1.50x	0.075		1.5004 ³
1x	6.00x	2.50x	0.075		1.1254 ³
1x	9.00x	1.90x	0.075		1.2834 ³
1x	5.00x	2.20x	0.075		0.8254 ³
1x	4.00x	1.50x	0.075		0.4804 ³
1x	8.00x	1.20x	0.075		0.7204 ³
1x	7.00x	1.00x	0.075		0.5254 ³
1x	9.00x	1.50x	0.075		1.0134 ³
1x	10.00x	1.00x	0.075		0.7504 ³
1x	7.00x	1.20x	0.075		0.6304 ³
1x	9.00x	1.50x	0.075		1.0134 ³
1x	8.00x	1.60x	0.075		0.9604 ³
1x	10.00x	2.00x	0.075		1.5004 ³
1x	5.00x	2.50x	0.075		0.9384 ³
1x	8.00x	2.90x	0.075		1.7404 ³
1x	5.00x	1.50x	0.075		0.5634 ³
1x	8.00x	2.00x	0.075		1.2004 ³
1x	9.00x	2.50x	0.075		1.6884 ³
1x	8.00x	2.90x	0.075		1.7404 ³
1x	5.00x	1.50x	0.075		0.5634 ³
					34.6114 ³

Continuation

Particulars	Details of activity measurement				Contents of area
	No.	L	B	D	
Exp. —————					3460000
13	400	20	50		0.3304
12	300	20	50		0.3384
12	200	10	50		0.2784
12	800	10	50		1.3404
					36.8994

④

⑥ Proving identity Prince (cont.)

1x 2-00000000	7-3000000
1x 6-00000000	8-0000000
1x 8-00000000	9-0000000

0x	5.00x0.90	4.50m ²
1x	3.00x3.00	9.00m ²
1x	9.00x1.10	9.90m ²
1x	3.00x1.50	4.50m ²
1x	3.00x2.50	7.50m ²
1x	5.00x1.50	7.50m ²
1x	6.00x2.00	12.00m ²
4x	2.00x2.80	5.60m ²
1x	7.00x2.50	7.50m ²
1x	3.00x2.70	5.10m ²
1x	10.00x2.50	25.00m ²
1x	4.00x2.80	11.20m ²
1x	8.00x2.50	20.00m ²
1x	6.00x1.00	6.00m ²
		110.80m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F.				170.0842
		1x	6.00x	2.00	12.0042
		1x	8.00x	2.50	20.0042
		1x	6.00x	2.50	15.0042
		1x	9.00x	1.90	17.1042
		1x	5.00x	2.20	11.0042
		1x	4.00x	1.50	6.0042
		1x	8.00x	1.20	8.4042
		1x	7.00x	1.00	7.0042
		1x	9.00x	1.50	13.5042
		1x	10.00x	1.00	10.0042
		1x	3.00x	1.20	8.4042
		1x	9.00x	1.50	13.5042
					7.0042

		1x	8.00x	1.60	12.8042
		1x	10.00x	2.00	20.0042
		1x	5.00x	2.50	12.5042
		1x	8.00x	2.90	23.2042
		1x	5.00x	1.50	7.5042
		1x	8.00x	2.00	16.0042
		1x	9.00x	2.50	22.5042
		1x	8.00x	2.90	23.2042
		1x	5.00x	1.50	7.5042
		1x	4.00x	1.10	4.4042
		1x	3.00x	1.50	4.5042
		1x	2.00x	1.85	3.7042
		1x	8.00x	2.20	16.4042
					486.1842

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
P.F.					486.1842
Quantity Survey					104.1142
VTMBP-02					590.2942
⑦ Providing & applying Jack coat (RS)					
Qty. Same As THBP-08					
THBP-08					
					590.2942
⑧ Providing & applying MSS					
Qty. Same As THBP-08					
THBP-08					
					590.2942

⑨					
⑨ Providing & applying Jack coat (RS)					
1x 14'00x	9'00x 5'40x 3'75	3			84.7042
3x	30'00x 3'75				337.5042
3x	30'00x 3'75				337.5042
3x	30'00x 3'75				337.5042
3x	30'00x 3'75				337.5042
3x	30'00x 3'75				337.5042
3x	30'00x 3'75				337.5042
2x	30'00x 3'75				225.0042
1x 20'00x	3'75 + 3'30	2			70.5042
2x	30'00x 3'30				198.0042
					2265.7042

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	8.8				2265.704
1x 7.50 x 3.75 x 3.75					61.9864
2x 30.00 x 3.75					225.0004
1x 6.50 x 3.75					24.3954
					2597.0634

(10) Bounding & laying S.D.P.C.

1x 10.00 x 3.00 x 3.75 x 0.025					2.1184
3x 30.00 x 3.75 x 0.025					8.4384
3x 30.00 x 3.75 x 0.025					8.4384
3x 30.00 x 3.75 x 0.025					8.4384
3x 30.00 x 3.75 x 0.025					8.4384
3x 30.00 x 3.75 x 0.025					8.4384

2x 30.00 x 3.75 x 0.025					5.6254
1x 30.00 x 3.75 x 3.75 x 0.025					1.7634
2x 30.00 x 3.75 x 0.025					4.9504
1x 7.50 x 3.75 x 3.75 x 0.025					0.8324
2x 30.00 x 3.75 x 0.025					5.6254
1x 6.50 x 3.75 x 0.025					0.6094
					63.7174

(11) Construction of unreinforced C.C.P.

1x 15.00 x 3.75 x 0.16					9.004
1x 15.00 x 3.75 x 3.75 x 0.16					9.204
1x 10.50 x 3.75 x 6.75 x 0.16					8.0924
					26.2924
					25.9024

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F.					26.79 m ³
1x	30.00x	4.00x	0.16		25.9034 m ³
1x	15.00x	$\frac{4.00+3.75}{2}$ x	0.16		19.20 m ³
1x	30.00x	3.75x	0.16		18.00 m ³
1x	15.00x	$\frac{3.75+4.00}{2}$ x	0.16		9.30 m ³
1x	30.00x	4.00x	0.16		19.20 m ³
1x	15.00x	$\frac{4.00+3.75}{2}$ x	0.16		9.30 m ³
2x	30.00x	3.75x	0.16		36.00 m ³
1x	15.00x	$\frac{3.75+4.00+3.75}{3}$ x	0.16		9.80 m ³
3x	30.00x	3.75x	0.16		54.00 m ³
2x	30.00x	3.75x	0.16		36.00 m ³
1x	15.00x	$\frac{3.75+4.00+3.75}{3}$ x	0.16		9.40 m ³
1x	30.00x	3.75x	0.16		18.00 m ³
1x	30.00x	$\frac{3.75+3.90+4.00}{3}$ x	0.16		18.64 m ³
1x	30.00x	$\frac{4.00+4.50}{2}$ x	0.16		20.40 m ³
1x	15.00x	$\frac{4.50+4.00}{2}$ x	0.16		10.20 m ³
1x	30.00x	$\frac{4.00+4.00+3.75}{3}$ x	0.16		18.80 m ³
1x	30.00x	3.75x	0.16		18.00 m ³
1x	15.00x	$\frac{3.75+4.00}{2}$ x	0.16		9.30 m ³
1x	30.00x	$\frac{4.00+3.75}{2}$ x	0.16		18.00 m ³
1x	15.00x	3.75x	0.16		9.00 m ³
					396.3474 m ³
					Limit 391.68 m ³
					393.22 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(12) Bonding & laying Duct Pipe 300mm					
-----do-----do-----do					
		6X	3X	2.50	45.00 m ²
(13) P/R Brick masonry work (1:3)					
-----do-----do-----do					
		2X	6X	0.40 X 0.60	2.88 m ²
(14) Bonding PCC M-20					
-----do-----do-----do					
				2X 6.00 m	12.00 m ²
(15) P/R Plastering with cement mortar (1:4)					
-----do-----do-----do					
		4X	6.00 X 0.60		14.40 m ²
		2X	6.00 X 0.40		4.80 m ²
		4X	0.40 X 0.60		0.96 m ²
					20.16 m ²
(16) P/R Painting Two coats					
-----do-----do-----do					
		4X	6.00 X 0.60		14.40 m ²
		2X	6.00 X 0.40		4.80 m ²
		4X	0.40 X 0.60		0.96 m ²
					20.16 m ²
(17) Construction of Sub grade					
-----do-----do-----do					
		2X	4X	30.00 X 1.45 X 0.20	69.60 m ³
		2X	4X	30.00 X 1.45 X 0.20	69.60 m ³
		2X	1X	30.00 X $\frac{1.45 + 1.25}{2}$ X 0.20	16.10 m ³
		2X	4X	30.00 X 1.25 X 0.20	60.00 m ³
					215.40 m ³

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(26) P/R of 900mm octagonal					
.....					
			1 X 1.00 No		1.00 No
(27) Planting of trees by the road side					
.....					
		45.00 Nos.			45.00 Nos
(28) P/R of laying Road marking (B/S)					
.....					
	2 X	8 X	30.00 X 0.10		48.00 m ²
	2 X	8 X	30.00 X 0.10		48.00 m ²
	2 X	6 X	30.00 X 0.10		36.00 m ²
	2 X	1 X	20.00 X 0.10		4.00 m ²
					136.00 m ²
(29) P/R of laying Road marking (P.C.C.)					
.....					
	2 X	8 X	30.00 X 0.10		48.00 m ²
	2 X	8 X	30.00 X 0.10		48.00 m ²
	2 X	5 X	30.00 X 0.10		30.00 m ²
	2 X	1 X	10.00 X 0.10		2.00 m ²
					128.00 m ²
(30) P/R of laying Interlocking 800 Board					
.....					
			1 X 4.00 No		4.00 No
(60) 2037					

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
① Clearing & grubbing of land				
.....				
0.33 ha	VTMBP-01			
	② Rs 51132.19/ha			Rs 16875/-
② Clearing & grubbing of B.P. surface				
.....				
10875 m ²	VTMBP-02			
	② Rs 15274/m ²			Rs 1636/-
③ Construction of sub grade				
.....				
224.52 m ³	VTMBP-11			
	② Rs 22749/m ³			Rs 51076/-
④ Construction of sub base				
.....				
33.632 m ³	VTMBP-02			
	② Rs 156654/m ³			Rs 52686/-
⑤ P.R. laying & compaction w/BH hr-2				
.....				
28.85 m ³	VTMBP-04			
	② Rs 2750.9/m ³			Rs 79355/-
⑥ P.R. laying & compaction w/BH hr-3				
.....				
36.872 m ³	VTMBP-06			
	② Rs 2493.90/m ³			Rs 91954/-
				Rs 293582/-

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
⑧ Providing & applying Prime coat				Rs 93582/-
.....do.....do.....do				
590.29 m ²	VTMBP-08			
	@ Rs 15.00/m ²			Rs 8854.35/-
⑨ Providing & applying Jack coat (R.S.)				
.....do.....do.....do				
590.29 m ²	VTMBP-08			
	@ Rs 15.00/m ²			Rs 8854.35/-
⑩ P/R, laying & rolling M.S.S				
.....do.....do.....do				
590.29 m ²	VTMBP-08			
	@ Rs 209.58/m ²			Rs 123524/-
⑪ Providing & applying Jack coat				
.....do.....do.....do				
2577.063 m ²	VTMBP-09			
	@ Rs 12.95/m ²			Rs 33373/-
⑫ P/R & laying S.D. B.C.				
.....do.....do.....do				
63.717 m ³	VTMBP-09			
	@ Rs 9078.57/m ³			Rs 578459/-
⑬ Construction of unreinforced C.C.P.				
.....do.....do.....do				
391.68 m ³	VTMBP-10			
	@ Rs 6905.79/m ³			Rs 2704860/-
				Rs 5769487/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F.					Rs 3769487
(13) P/R Laying Duct Pipe boundary					
.....do.....do.....do					Rs 41711/-
45.00m VTM BP-11					
@ Rs 926.90/m					Rs 41711/-
(14) P/R RCC M-15 Boundary pillars					
.....do.....do.....do					Rs 10912/-
22.00 Nos VTM BP-12					
@ Rs 496.00/No					Rs 10912/-
(15) P/R RCC M-15 K.M. stone					
.....do.....do.....do					Rs 6124/-
3.00 No VTM BP-12					
@ Rs 2041.49/No					Rs 6124/-

(16) P/R RCC M-15 200w stone					
.....do.....do.....do					Rs 3485/-
6.00 No VTM BP-12					
@ Rs 580.77/No					Rs 3485/-

(17) P/R erecting Direction Board					
.....do.....do.....do					Rs 40140/-
4.00 No VTM BP-12					
@ Rs 10034.99/No					Rs 40140/-

(18) P/R laying boundary circular					
.....do.....do.....do					Rs 6728/-
2.00 No VTM BP-12					
@ Rs 3364.02/No					Rs 6728/-

(19) P/R laying boundary circular					
.....do.....do.....do					Rs 3878587/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
	B.F.				Rs 3878587/-
4.00 Mo VTMBP-12					
	@Rs 4541.24/Mo				Rs 18177/-
(20) Plt & Fencing 600mm x 600mm Rectangular					
-----do-----do-----do					
4.00 Mo VTMBP-12					
	@Rs 6375.21/Mo				Rs 25501/-
(21) Plt & Fencing 600mm x 450mm Rectangular					
-----do-----do-----do					
4.00 Mo VTMBP-12					
	@Rs 4423.51/Mo				Rs 17694/-
(22) Plt & Fencing 900mm octagonal					
-----do-----do-----do					
1.00 Mo VTMBP-13					
	@Rs 8159.63/Mo				Rs 8160/-
(23) Planting of Trees by the roadside					
-----do-----do-----do					
45.00 Mo VTMBP-13					
	@Rs 1115.59/Mo				Rs 50207/-
(24) Plt & Laying Road marking (B.T.)					
-----do-----do-----do					
136.00 m ² VTMBP-13					
	@Rs 859.46/m ²				Rs 116887/-
(25) Plt & Laying Road marking (PCC)					
-----do-----do-----do					
128.00 m ² VTMBP-13					
	@Rs 890.23/m ²				Rs 113949/-
					Rs 4229157/-

Continuation

Form No. 134 18

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(26) P.M. Finishing Informetry sign Board	B.P.				Rs 422985/-
-----do-----					
4.00 Mo	VTMB P-13				
	@ Rs 466.91/Mo				Rs 37865/-
(27) P.M. Brick masonry (1'3")					
-----do-----					
2.88 u3	VTMB P-11				
	@ Rs 7553.41/u3				Rs 21754/-
(28) Provision P.C.C. M-20					
-----do-----					
12.00 M	VTMB P-11				
	@ Rs 363.72/M				Rs 4365/-
(29) Plastering with cement mortar					
-----do-----					
20.16 u2	VTMB P-11				
	@ Rs 175.10/u2				Rs 3530/-
(30) Painting two coats					
-----do-----					
20.16 u2	VTMB P-11				
	@ Rs 98.80/u2				Rs 1992/-
					Rs 4298663/-
	ADD 1.5% 12%.				Rs 515840/-
	ADD labour cess 1%.				Rs 42987/-
					Rs 4857490/-
	ADD Seigniorage				Rs 52725/-
					Rs 4910215/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F.				As 4910215/-
Less 0.10% Below As for Agreement As					4910/-
					As 4905305/-
(11) 224.52					
Work has been completed AS per specification & direction of C/P					
(11) 224.52					

Material statement

① e/w	224.52 m ²
② S/Metal	105.422 m ²
③ S/sand	17.152 m ³
④ S/screening	18.860 m ³
⑤ Prime coat	0.502 H.P.
⑥ Deep coat	0.352 H.P.
⑦ Portland	8.679 H.P.
⑧ S/chips	112.151 m ³
⑨ Crushed S/chips	352.512 m ³
⑩ Sand	176.256 m ³
⑪ Bricks	1460 nos.

~~(11)~~
~~224.52~~
~~76~~

~~Brick~~
~~303 m²~~
~~m~~