

I St Measurement A/c Bill

1.

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work -	Construction of the Road from				
⑧ Tufangang	Me Sri Rangzatsa Pass Road				
	To Lakhang Reliant Path				
Agency -	M/S.	Rangzoe Singh Construction			
Agreement No -	MBD-05/2023-2024				
Date of Commencement -	10.07.2023				
Date of Completion -	09.04.2024.				

Record Entry.					
1) Area and Quantity Road land with width	27	10m	1.0m		20.0m ²
	27	37	30m	1.0m	180.0m ²
	27	47	30m	1.0m	240.0m ²
	27	27	30m	1.0m	120.0m ²
	27	207	30m	1.0m	1200.0m ²
	27	47	30m	1.0m	240.0m ²
					2000.0m ²
					15.52024
					5.6
2) Scarifying existing bituminous road					
do					
	27	30m	3.75m		225.0m ²
	17	120m	3.75m		45.0m ²
					270

Continuation

270.0m²

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
4) Granular sub-base with well graded Materials.					
	do		do		
	233	0.300	0.300	0.100	2.097 m ³
	13	0.300	0.450	0.130	0.228 m ³
	10	0.450	0.450	0.130	0.263 m ³
	30	0.580	0.400	0.140	0.974 m ³
	20	0.600	0.550	0.120	0.792 m ³
	12	0.700	0.600	0.140	0.706 m ³
	30	0.800	0.500	0.130	1.560 m ³
	20	1.050	0.700	0.140	2.050 m ³
	23	1.050	0.800	0.120	2.318 m ³
	15	1.200	0.900	0.140	2.268 m ³
	10	1.200	0.800	0.150	1.440 m ³
	19	2.500	0.900	0.140	5.985 m ³
	7	1.900	0.800	0.130	1.383 m ³

20	2.100	1.000	0.140	5.880 m ³
				27.952 m ³
				25.590 m ³

5) Providing, laying and compacting stone aggregate WBM grade - 2:

do		do		
257	0.320	0.320	0.075	1.974 m ³
103	0.470	0.470	0.075	1.706 m ³
87	0.600	0.420	0.075	1.644 m ³
93	0.620	0.570	0.075	2.465 m ³
97	0.720	0.620	0.075	3.248 m ³
23	2.30	0.900	0.075	3.571 m ³
20	1.070	0.720	0.075	1.156 m ³
25	2.40	1.00	0.075	4.500 m ³
39	2.65	0.900	0.075	6.976 m ³
7	0.920	0.820	0.075	0.396 m ³

Continuation

27.636 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6) Providing Laying and compacting stone aggregate w. B.M. Grade —					3.
do —			do		
	20x	30m	3.75m	0.075	168.75m ³
	4x	30m	3.75m	0.075	33.75m ³
Extra —	2x2m	$\frac{1.50+1.20}{2}$	$\frac{1.20}{2}$	0.075	0.41m ³
			0.56 05.6.2024 J.E		202.91m ³
12) construction of Dry Lean Cement concrete					
do —			do		
	6x1.6m	$\frac{2.10+2.00}{2}$		0.075	1.48m ³
	10x2m	$\frac{1.90+1.70}{2}$		0.075	2.70m ³
	16x2.5m	$\frac{1.10+1.30}{2}$		0.075	3.60m ³
					7.78m ³
24) Providing and fixing MR(3054) in					
Informatory, Maintenance and Citizen board					
do —			do		
No —			03 Nos.		
7) Providing and applying primer coat (SS)					
do —			do		
For B.T Portion —					
	20x	30m	3.75m		2250.0m ²
	4x	30m	3.75m		450.0m ²
	2x2m	$\frac{1.50+1.20}{2}$			5.40m ²
for p.c.c portion					
	9x	30m	3.75m		1012.50m ²
	10m	$\frac{4.70+3.75}{2}$			42.25m ²
					3760.15m ²
			Limit —		3757.50m ²

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11) Providing and laying S.D.B.C.					
do					
20x30mm	3.75	10.025			56.25m ³
44	30mm	3.75	10.025		11.25m ³
94	30mm	3.75	10.025		25.31m ³
100mm	4.70	3.75	10.025		1.06m ³
2x2mm	1.50+1.20		10.025		0.14m ³
					94.01m ³
					Limit- 93.91m ³
23) Planting of Tree and one year maintenance					
do					
No			42	1.10	

SP6
05.7.2024
J.E

Signature
05.7.24
A.E.

Statement of Material

① G.S.B. (metal)	21.437m ³	
② local Sand	9.187m ³	
③ W.B.M. grade-2 (metal)	33.440m ³	
④ Screening	7.379m ³	
⑤ W.B.M. grade-3 (metal)	245.521m ³	
⑥ Screening	58.844m ³	
⑦ S.S.-1	3.194MT	
⑧ R.S.-1	0.838MT	
⑨ Bitumene (S-90)	657.6MT	
⑩ S.D.B.C. (S-90)	10.803MT	
⑪ Stone chips	247.059m ³	
⑫ Stone Sand	1.221m ³	

Continuation

SP6
05.7.2024
J.E

Particulars	Details of actual measurement				Contents of area
	No	L.	B.	D.	
<u>Abstract of cost</u>					
1) Clear and Grubbing road land with wild.					
do do all Comp					
Aty Vide TMB Page No - 01.					
0.20 Ha @ Rs 72718.80					14544.72
2) Scarifying existing Bitumene Surface					
do do all Comp					
Aty Vide TMB Page No - 01					
270.00 m ² @ Rs 20.54/-					5546.58
4) Granular sub-base with well graded material					
do do all Comp					
Aty Vide TMB Page No - 02.					
25.52 m ² @ Rs 1667.98/-					42567.00
5) Providing laying and compacting stone aggregate W.B.M grade - 2.					
do do all Comp					
Aty Vide TMB Page No - 02.					
27.636 m ² @ Rs 3318.50/-					91710.20
6) Providing laying and compacting stone aggregate W.B.M grade - 3.					
do do all Comp					
Aty Vide TMB Page No - 03.					
202.91 m ² @ Rs 3254.21/-					660312.21
12) Construction of Dry lean cement concrete					
do do all Comp					
Aty Vide TMB Page No - 03					
7.78 m ² @ Rs 4229.07/-					32902.15

Continuation Rs - 847581.44

Sch. XLV-Form No. 134 B.F.Rs-8475812

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24) 20) Providing and fixing MR (3054)					27
Informatory, maintenance and Citizen board					
do do all Comp					
Qty Vide TMB Page No-03					
03 Nos @Rs 1237.01/-					36411/-
7) Providing and applying primer coat (351)					
do do all Comp					
Qty Vide TMB Page No-03					
3757.50m ² @Rs 60.12/-					225901/-
8) 8) Providing and applying Tack coat (R81)					
do do all Comp					
Qty Vide TMB Page No-04					
3757.50m ² @Rs 20.63/-					775172
10) 10) Providing laying and Rolling Premix Surfacing Material 20mm thick					
do do all Comp					
Qty Vide TMB Page No-04					
3757.50m ² @Rs 244.82/-					91991120
9) 9) Providing and applying Tack coat (R51)					
do do all Comp					
Qty Vide TMB Page No-04					
3757.50m ² @Rs 17.21/-					646672
11) 11) Providing and laying S.D.B.C.					
do do all Comp					
Qty Vide TMB Page No-05					
93.94m ² @Rs 13500.27/-					12682152

Continuation Rs 34402032

92/16.8.24

37.9444

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F Rs			34	40203=
23/19) Planting of Tree and one Year Maintained					
do do do					
Qty Vido TMB Page No				05	
42 Nos @ Rs	1145	25/-			481015=
				Rs - 34	88304=
Add G.S.T - 18%				6	27895=
Add labour cost - 1%					34883=
Add Seigniorage					65000=
				Rs - 42	160822=
Less Below 10%					4216082=
				Rs - 37	944742=
17.7.2024					
12/12/24					

C.P.
12/12/24

Contd. 3139474=✓
 GST 18% 565105=✓
 1% L.C.C. 31375=✓
 B.fee 58500
 3794474=✓

Continuation

121 on a/c. Bill

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377494*

Sch. XLV-Form No. 134

377494*

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S. 20	R2	129	12	12	
S. 21	R2	62	12	9	
M. 1022	R2	21	9	9	
M. 1027	R2	21	9	9	
M. 1027	R2	21	9	9	950124*
R. 1027	R2	122	11	2	
S. 1027	R2	62	11	2	
COT	R2	22	11	1	
M. 1027 (R2)	R2	26	6	1	
Chopra	R2	22	11	2	
W. 1027	R2	22	11	2	
R. 1027	R2	22	11	2	(Total)

Can be made from the above form
 but the old form is not to be used

M.

Executive Engineer
 Rural Works Department

21/10/21

21/10/21

21/10/21

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work :-	T4. Langany Me				
	Sri Ramyatan Paswan to				
	Lohgani Rahui Path				
Name of Agency :-	M/s Ramjee Singh				
	Const. Pvt. Ltd.				
Agreement No. :-	M.B.D-05/2023-2024				
Date of Commencement :-	10-07-2023				
Date of Completion :-	09-04-2024				
Actual date of Completion :-					

MEASUREMENT1) Construction of Sub Grade

2x	2x	30.00	$\frac{0.80+0.60}{2}$	10.450	37.80m ³
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2x	2x	30.00	$\frac{0.70+1.10}{2}$	10.45	45.90m ³
2x	4x	30.00	$\frac{1.00+0.80}{2}$	10.45	97.20m ³
2x	4x	30.00	$\frac{0.80+0.60}{2}$	10.45	75.60m ³
2x	4x	30.00	$\frac{0.70+0.80}{2}$	10.45	81.00m ³
2x	4x	30.00	$\frac{0.80+0.60}{2}$	10.45	75.60m ³
2x	4x	30.00	$\frac{0.60+0.50}{2}$	10.45	59.40m ³
					472.50m ³

2) P/T & Layby Road Marking

2x	10 x	30.00	0.10	60.00m ²
2x	10 x	30.00	0.10	60.00m ²
2x	10 x	30.00	0.10	60.00m ²
2x	3 x	30.00	0.10	18.00m ²

Continuation

198.00m²

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F.				198.0042
	2 x	1 x	10.00 x	0.10	2.0042
					200.0042
(3/13) Pkt laying Bulet Pipe 30mm					
.....20.....20.....E12					
	2 x	3 x	2.50		15.004
(4/14) Bonding R.C.C. M-15 Boundary Pillars					
.....20.....20.....E12					
		38.00 Nos.			38.00 Nos.
(5/15) Pkt fixing R.C.C. M-15 Kilometer stone					
.....20.....20.....E12					
		2.00 Nos.			2.00 Nos.
(6/16) Pkt fixing R.C.C. M-15 200meter stone					
.....20.....20.....E12					
		4.00 Nos.			4.00 Nos.
(7/17) Pkt fixing 600mm Triangle sign					
.....20.....20.....E12					
		2.00 Nos.			2.00 Nos.
(8/18) Pkt fixing 600mm circular sign					
.....20.....20.....E12					
		2.00 Nos.			2.00 Nos.
(9/19) Pkt fixing 800mm x 600mm Rectangular sign					
.....20.....20.....E12					
		2.00 Nos.			2.00 Nos.
(10/20) Pkt fixing 600mm x 450mm Rectangular sign					
.....20.....20.....E12					
		2.00 Nos.			2.00 Nos.
Continuation					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/21) Plr Fixing Direction + Place Board					
.....20.....20.....E ₁					
		2.00 m _{rs.}			2.00 m _{rs.}
(12/25) Plr Brick masonry work in c.m. (113)					
.....20.....20.....E ₁					
	6 x 2 x	6.00 x 0.40 x	0.60		17.28 m ³
(13/26) Providing PCC M-20					
.....20.....20.....E ₁					
	6 x 2 x	6.00			72.00 m ⁴
(14/27) Plastering on Parapet walls					
.....20.....20.....E ₁					
	6 x 4 x	6.00 x 0.60			86.40 m ²
	6 x 2 x	6.00 x 0.40			28.80 m ²
	6 x 4 x	0.40 x 0.60			5.76 m ²
					120.96 m ²
(15/28) Painting 700 coats on Parapet walls					
.....20.....20.....E ₁					
	6 x 4 x	6.00 x 0.60			86.40 m ²
	6 x 2 x	6.00 x 0.40			28.80 m ²
	6 x 4 x	0.40 x 0.60			5.76 m ²
					120.96 m ²
(16/29) Brick masonry work in c.m. (113)					
.....20.....20.....E ₁					
	2 x 4 x 40 x	0.40 x 0.60 x	10/1		0.211 m ³
(17/30) Plastering with Cement mortar					
.....20.....20.....E ₁					
Ab.	2 x 2 x	0.912 x	1.30		4.768 m ²
					4.768 m ²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
	B.F.				4.768 m ²	
Plaster Inner S.		2 x	7.50 x	1.30	19.500 m ²	
R.Wall		4 x	0.675 x	1.650	4.455 m ²	
R.Wall		4 x	2.084 x	1.30	10.837 m ²	
R.Wall		4 x	2.30 x	0.35	3.220 m ²	
Parapet		4 x	4.40 x	0.60	10.56 m ²	
		4 x	0.40 x	0.60	0.96 m ²	
		2 x	4.40 x	0.40	3.520 m ²	
					57.820 m ²	
(18/32) Painting two coats on new surface						
		2 x	2 x	0.917 x	1.30	4.768 m ²
		2 x	7.50 x	1.30	19.500 m ²	
		4 x	0.675 x	1.65	4.455 m ²	
		4 x	2.084 x	1.30	10.837 m ²	
		4 x	2.30 x	0.35	3.220 m ²	
		4 x	4.40 x	0.60	10.560 m ²	
		4 x	0.40 x	0.60	0.960 m ²	
		2 x	4.40 x	0.40	3.520 m ²	
					57.820 m ²	
(19/32) Bonding & laying neat cement Pudding						
		4 x	4.40 x	0.60	10.56 m ²	
		4 x	0.40 x	0.60	0.96 m ²	
		2 x	4.40 x	0.40	3.52 m ²	
					15.04 m ²	

Continuation

Sumit
20/11/24
AE

① Clearing & Grubbing Road Land

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	① A.				1432052
④ Constnctn cut		4.5. B. 4r-1			
.....20.....20.....E ₁₂					
25.52 m ³	VTMBP-06				
	② B	1667.93/m ³			425672
⑤ Plr. laying & Compacting WBM 4r-2					
.....20.....20.....E ₁₂					
17.636 m ³	VTMBP-06				
	③ B	9518.50/m ³			917102
⑥ Plr. laying & Compacting WBM 4r-3					
.....20.....20.....E ₁₂					
202.91 m ³	VTMBP-06				
	④ B	3251.21/m ³			6603122
⑦ Providing & applying Prime Coat (SS ₁)					
.....20.....20.....E ₁₂					
3757.50 m ²	VTMBP-07				
	① B	60.12/m ²			2259012
⑧ Providing & applying Tack Coat (RS ₁)					
.....20.....20.....E ₁₂					
3757.50 m ²	VTMBP-07				
	② B	20.63/m ²			775172
⑨ Providing & applying Tack Coat (over all)					
.....20.....20.....E ₁₂					
3757.50 m ²	VTMBP-07				
	③ B	17.21/m ²			646672
					13058792

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.P.					1305879.2
(10) P/R, laying & rolling M.S.S. 20mm					
.....20.....20.....E ₁ L					
3757.50m ² VTMBP-02					
@ 1/15 244.82/m ²					13919911.2
(11) Providing & laying S.D.B.C					
.....20.....20.....E ₁ L					
93.94m ³ VTMBP-04					
@ 1/15 13500.27/m ³					131268215.2
(12) Construction of dry lean cement					
.....20.....20.....E ₁ L					
7.78m ³ VTMBP-06					
@ 1/15 4229.07/m ³					1332902.2
(13) P/R & laying Duct Pipe 200mm					
.....20.....20.....E ₁ L					
15.00m VTMBP-11					
@ 1/15 937.13/m					1314088.2
(14) P/R RCC M-15 Boundary Pillars					
.....20.....20.....E ₁ L					
38.00Nos. VTMBP-11					
@ 1/15 657.00/Nos					1324966.2
(15) P/R RCC M-15 Kilometer stone					
.....20.....20.....E ₁ L					
2.00Nos. VTMBP-11					
@ 1/15 2751.04/m					135502.2
					133571463

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.P.				Rs 35714632
(16) P/R RCC M-15 200 meter stone					
.....20.....20.....					Rs 2
4.00 Nos. VTMBP-11					
	@ Rs 800.00/Ms.				Rs 32002
(17) P/R Fixing 600 mm Triangle Sign					
.....20.....20.....					Rs 2
2.00 Nos. VTMBP-11					
	@ Rs 4331.81/Ms.				Rs 86642
(18) P/R Fixing 600 mm Circular Sign					
.....20.....20.....					Rs 2
2.00 Nos. VTMBP-11					
	@ Rs 5731.45/Ms.				Rs 114632
(19) P/R Fixing 800 mm x 600 mm Rectangular Sign					
.....20.....20.....					Rs 2
2.00 Nos. VTMBP-11					
	@ Rs 7902.54/Ms.				Rs 158052
(20) P/R Fixing 600 mm x 450 mm Rectangular Sign					
.....20.....20.....					Rs 2
2.00 Nos. VTMBP-11					
	@ Rs 5588.12/Ms.				Rs 1117622
(21) P/R Fixing Direction & Place Board					
.....20.....20.....					Rs 2
2.00 Nos. VTMBP-12					
	@ Rs 12531.26/Ms.				Rs 250632
					Rs 36468342

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.P.					36468342
(22) Binding & laying Road marking					
.....do.....do.....do					EL
200.00 m ²	VTMBP-10				
@ 1/2 863.72/m ²					1327442
(23) Planting of trees by the roadside					
.....do.....do.....do					EL
42.00 Nos.	VTMBP-08				
@ 1/2 1145.25/Ms.					481012
(24) Providing & fixing '180' of Project					
.....do.....do.....do					EL
3.00 Nos.	VTMBP-07				
@ 1/2 12137.01/Nos.					36468342
(25) P/R Brick masonry 500 in c.m. (1:3)					
.....do.....do.....do					EL
12.28 m ³	VTMBP-12				
@ 1/2 7442.36/m ³					12849312
(26) Providing PCC M-20					
.....do.....do.....do					EL
72.00 m	VTMBP-12				
@ 1/2 491.94/m					354202
(27) Plastering on Parapet walls					
.....do.....do.....do					EL
120.96 m ²	VTMBP-12				
@ 1/2 219.72/m ²					265752
					/
					40545162

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.P.					Rs 40515162
② Painting two coats of lamp post walls					
.....do.....do.....do.....do					Rs 12
120.96 m ²	VTMBP-12				
	@ Rs 127.30/m ²				Rs 153982
② P/R bricks masonry work for c.w. (1:3)					
.....do.....do.....do.....do					Rs 12
0.211 m ³	VTMBP-12				
	@ Rs 7432.36/m ³				Rs 15702
③ Plastering with cement mortar					
.....do.....do.....do.....do					Rs 12
57.82 m ²	VTMBP-12				
	@ Rs 217.20/m ²				Rs 127022
③ Painting two coats on new surface					
.....do.....do.....do.....do					Rs 12
57.82 m ²	VTMBP-13				
	@ Rs 127.30/m ²				Rs 73602
③ P/R & laying neat cement running					
.....do.....do.....do.....do					Rs 12
15.04 m ²	VTMBP-13				
	@ Rs 68.36/m ²				Rs 10282
③ Providing wood holes					
.....do.....do.....do.....do					Rs 12
28.00 Nos	VTMBP-14				
	@ Rs 145.40/Nos.				Rs 40712
					Rs 40966452

Continuation

[illegible]

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