

MIR 3054

MB No- 609

Schedule XLV - Form No. 134

विलसंड DIVISION
अधुली SUB-DIVISION

Agreement No- 04 MBD/2024-25

MEASUREMENT BOOK

Printed At : Shiv Plastic, Muz.

Name of Road:- 4059-702 बीजा हंडा बीड से
वराह चिन्ता मन्त्र सहाई दीला ।

Anushkar Rahman

9-nd
1st of April
1 April 1971

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 work: - Const. of	LOSQ-T02				
	Riga Dhang Road to Banah:				
	Chiantaman Naxahi TOLA.				
Agency -	Mdt. Awisem Bahinax.				
Agg no.	01 Mdt / 24-25				
DO S.	08 - 08 - 24				
DOC -	08 - 05 - 25				
Actual DOC -	20.03.25				
	Record Entry,				
	(Measurement)				
1. Clearing & Grubbing					
This Road Land -					
	$2 \times (40 \times 30.0) \times 1.00 =$				2400.00 M ²
	$2 \times (40 \times 30.0) \times 1.00 =$				2400.00 M ²
					4800.00 M ²
					= 0.48 Hect.
Pang 12/24 12/24 Pang 12/24 12/24					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 ho. GSP in pot filling					
in Road - all compd					
$2 \times 7.9 \times 1.1 = 17.38 m^2$					
$1 \times 7.1 \times 1.9 = 13.49 m^2$					
$4 \times 4.9 \times 1.5 = 29.40 m^2$					
$7 \times 3.8 \times 1.2 = 31.92 m^2$					
$2 \times 4.4 \times 1.4 = 12.32 m^2$					
$5 \times 2.8 \times 0.9 = 12.60 m^2$					
$3 \times 3.0 \times 1.0 = 9.00 m^2$					
$1 \times 5.3 \times 1.9 = 10.07 m^2$					
$4 \times 5.0 \times 1.8 = 36.00 m^2$					
$2 \times 3.8 \times 1.2 = 9.12 m^2$					
$5 \times 7.9 \times 0.9 = 35.55 m^2$					
$2 \times 3.8 \times 1.2 = 9.12 m^2$					
$2 \times 4.5 \times 1.5 = 13.50 m^2$					
$2 \times 5.4 \times 1.9 = 20.52 m^2$					
$2 \times 4.4 \times 1.3 = 11.44 m^2$					
$2 \times 2.4 \times 2.9 = 13.92 m^2$					
$2 \times 5.4 \times 1.9 = 20.52 m^2$					
$4 \times 6.3 \times 0.9 = 22.68 m^2$					
$2 \times 6.3 \times 1.25 = 15.75 m^2$					
$5 \times 8.3 \times 1.0 = 41.50 m^2$					
					376.70 m ²
					385.75
Only 376.70 x 0.125 = 65.92 m ³					67.51 m ³
Limit					65.92 m ³
7-11-11					
12-11-11					

Continuation

Record entry

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record measurement</u>					
1) WBM - Grt 11.					
Net area Grt 11 with 2/80 ha					670.96m ²
	3	4.0	2.8		33.60m ²
	2	2.0	2.7		10.80m ²
	3	4.9	1.4		20.58m ²
	2	5.4	2.2		23.76m ²
	2	4.0	2.3		18.41m ²
	2	3.1	2.5		15.50m ²
	2	7.5	1.5		22.50m ²
	3	5.9	2.2		38.94m ²
	2	3.46	2.0		13.84m ²
					868.93m ²
Qty 868.93 x 0.075 =					65.17m ³
Q.T. to C.C.					
	1	6.00	1.70		10.20m ²
	2	8.00	1.30		20.80m ²
	3	9.00	1.40		37.80m ²
	4	5.00	0.80		16.00m ²
	1	8.00	1.20		9.60m ²
	2	9.00	1.00		19.80m ²
	3	9.00	1.70		45.90m ²
	2	8.00	1.60		25.60m ²
	1	9.00	1.80		16.20m ²
	6	9.00	1.70		91.80m ²
	2	5.00	1.50		15.00m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	5.00	1.4		14.00 m ²
	2	9.00	1.6		28.80 m ²
	1	11.00	0.7		7.70 m ²
	3	6.00	1.2		21.60 m ²
	2	5.00	1.5		15.00 m ²
	6	3.97	1.00		23.80 m ²
					119.60 m ²
Qty	4	19.60	0.025		31.47 m ³
Total wbm Qty					65.17 m ³
					96.64 m ³

(2) Providing Primer Coat
 Area Same as P.O.T
 of WBM Gravel - 868.93 m²

(3) Providing Back Coat

$$13 \times 30.00 \times 3.75 = 1462.50 \text{ m}^2$$

$$13 \times 30.00 \times 3.75 = 1462.50 \text{ m}^2$$

$$12 \times 30.00 \times 3.75 = 1387.50 \text{ m}^2$$

$$4312.50 \text{ m}^2$$

(4) Providing S.D.C

$$\text{Qty} - 4312.50 \times 0.025 = 107.81 \text{ m}^3$$

Paul
05/02/16

Prady
Continuation
08/02/16

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Record Measurement

P.	Particulars	Details of actual measurement				Contents of area
		No.	L.	B.	D.	
⑤	For. by 12 in Cement					
	Concrete.					
	6 x 6.70 x 2.20 x 0.10					8.64 m ³
	10 x 4.50 x 1.90 x 0.10					8.55 m ³
	3 x 6.00 x 3.75 x 0.10					6.75 m ³
	4 x 8.00 x 3.75 x 0.10					12.00 m ³
	2 x 4.85 x 2.00 x 0.10					1.94 m ³
						38.08 m ³

$\frac{16 \times 30.00 \times 3.75 \times 0.12}{12}$
 $\frac{16 \times 30.00 \times 3.75 \times 0.12}{12}$

⑥ Const. of Pecknell
Concrete - for cur.

20 x 30.00 x 3.75 x 0.125 = 281.25 m³

16 x 30.00 x 3.75 x 0.12 = 225.00 m³

5 x 30.00 x 3.75 x 0.125 = 70.31 m³

1 x 20 x 3.75 x 0.125 = 9.38 m³

585.94 m³

$\frac{16 \times 30.00 \times 3.75 \times 0.12}{12}$
 $\frac{16 \times 30.00 \times 3.75 \times 0.12}{12}$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) Const. of subgrade & earth on shoulder					
2x 36x 30.00 x 0.70 x 0.30 :					453.60 m ³
2x 10x 30.00 x 0.70 x 0.40 :					168.00 m ³
2x 10x 30.00 x 0.70 x 0.30 :					126.00 m ³
2x 10x 30.00 x 0.70 x 0.40 :					168.00 m ³
4x 4x 30.00 x 0.70 x 0.30 :					50.40 m ³
2x 10x 30.00 x 0.70 x 0.30 :					126.00 m ³
2x 10x 30.00 x 0.70 x 0.30 :					126.00 m ³
2x 10x 30.00 x 0.70 x 0.30 :					126.00 m ³
2x 4x 25.00 x 0.70 x 0.35 :					49.00 m ³
2x 4x 30.00 x 0.70 x 0.40 :					67.20 m ³
2x 4x 25.00 x 0.70 x 0.40 :					56.00 m ³
2x 3x 30.00 x 0.70 x 0.40 :					50.40 m ³
2x 4x 24.00 x 0.70 x 0.40 :					53.76 m ³
					1620.36
					say 1620.00 m ³
(8) P/F Rec M/S KM.					
Stone in Road.					2 nos.
(9) P/F Rec M/S 200 M.					
Post in Road					11 nos.
(10) P/Inspector's L.P. Place					
Identification in Road					
Stone in Road					1.92 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) P.F. Retro reflectorization in Road - 600 mm circular					
Qty.					10 nos.
(12) P.F. Retro-Traffic Signs in Road - 600 mm circular					6 nos.
(13) P.F. Retro Traffic Sign in Road - 600 x 450 mm rectangular					6 nos.
(14) Providing Pre-mix Boundary Pillar in Road					45 nos.
(15) Providing Printing new letters & figures of any sheet					528 nos
(16) Planting of trees & their maint. in Road Side					90 nos
(17) Providing Road marking with H.P. applied					
2 x 40 x 30.0 x 0.10					240.00 m ²
2 x 25 x 30.0 x 0.10					150.00 m ²
2 x 10 x 30.0 x 0.10					60.00 m ²
2 x 6 x 25.0 x 0.10					30.00 m ²
					480 m ²

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost</u>					
1) Clearing & Grubbing of Road land - all Comp.					
Qty TMS P-01.					
0.48 Hect @ Rs 76926.08 / Hect - Rs					36925.20
2) Providing R.S Grt in Pk in Road all Comp.					
Qty - TMS - P-02 = 65.92 m ³					
@ Rs 2921.20 / m ³					192565.20
3) Providing laying w.B.M Gr. 2 in Pk - all Comp.					
Qty - TMS P-03 = 49.34 m ³					
@ Rs 5394.58 / m ³					266169.20
4) Providing laying w.B.M. Grt in Pk in Road - all Comp.					
Qty TMS P-05 = 96.64 m ³					
@ Rs 5089.67 / m ³					491866.20
5) P/A Primer Coat in Road with emulsion					
Qty TMS P-05 = 868.93 m ²					
@ Rs 54.42 / m ²					47287.20
6) P/A Tack Coat in Road with emulsion					
Qty TMS P-05 = 4312.50 m ²					
@ Rs 15.65 / m ²					67491.20
					Rs 1,02,303.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) P/L SDBC 25 mm thick in Road					11,02,303.20
Qty TMB - P-05					107.81 m ³
@ Rs. 14060.01 / m ³					15,15,810.20
(8) P/L D/C in P.O. in P.C. area.					
Qty TMB - P-06					38.68 m ³
@ Rs. 45,38.03 / m ³					172,808.20
(9) Const. of P.C. Paved concrete in Road					
Qty TMB - P-06					585.94 m ³
@ Rs. 9735.34 / m ³					5704326.00
(10) Const. of Subgrade earthwork shoulder in Road embankment - all comp.					
Qty TMB - P-07					1620 m ³
@ Rs. 2632.24 / m ³					426449.20
(11) P/L Rec 15 Kilometre Stone in Road					
Qty TMB - P-07					2408
@ Rs. 3283.04 / m ³					65,66.20
(12) P/L Rec 15 200 metre P.S. in Road					
Qty TMB - P-07					11 nos.
@ Rs. 8847.87 / each					97342.00
					Rs. 89,37,996.20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Prov. Director & Place holes.					8937996.0
Signposts in Road					
Qty TMS P-07 - 192 nos					
@ Rs 15082.25/m ² - 4					29243.20
(14) Provisional Retro-reflector					
Sigs in Road - 200					
Qty TMS P-08 - 10 nos.					
@ Rs 4652.17 each - 4					46522.20
(15) Provisional Retro-reflector					
in Road 500mm Circular					
Qty TMS P-08 - 6 nos					
@ Rs 4494.49 each - 4					26967.20
(16) Provisional Retro-reflector					
Sigs in Road - 600mm x 450mm					
rectangular - all nos.					
Qty TMS P-08 - 6 nos.					
@ Rs 4349.295 - each - 4					26100.20
(17) Provisional & final Boundary					
Pillar 150mm dia in Road					
Qty TMS P-08 - 45 nos.					
@ Rs 827.53 each - 4					37239.20
(18) Provisional Permanent Sign					
1st & 2nd Sign in Anyshade					
Qty TMS P-08 - 528 nos.					
@ Rs 0.77.00 each - 4					407.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Prov. 2nd Road mence p					9104.474 ^m
width 140' applied - all p.c.					
Qty TMB - P-09 - 480 m ²					
@ Rs 886.00/m ² - Rs					425520 ^m
(20) Planting of trees & maint. in the Road					
Qty wide TMB - P-08 - 90 m ²					
@ Rs 1305.10 each - Rs					117459 ^m
(21) P/F, logomaint. Board in Road - all complete					
Qty TMB - P-09 - 4 m ²					
@ Rs 11895.82 each - Rs					47583 ^m
					Rs 2255.82
(22) B/W (1:3) in Parapet wall - all complete					
Qty TMB - P-09 - 8.64 m ³					
@ Rs 6145.10/m ³ - Rs					58278 ^m
(23) Planting in cm (1:4) 15 m ³ thick - all complete					
Qty TMB - P-09 - 60.48 m ²					
@ Rs 2582.86/m ² - Rs					15656 ^m
(24) White washing in 2 coats on Parapet - all complete					
Qty TMB - P-09 - 60.48 m ²					
@ Rs 137.55/m ² - Rs					8319 ^m
					Rs 9777288^m

Co -

Continuation

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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>material statement</u>					
53.60 26.5 mm - 29.5	3			@ 901.46 -	35653.2
26.40 4.75 mm - 15.8	2			@ 424.97 -	6802.0
4.25 8 mm - 23.25	3			@ 144.75 -	3435.4
43.06 45.0 mm - 59.7	5			@ 997.33 -	59242.0
53.0 22.4 mm - 116.93	9			@ 1100.04 -	128628.0
11.20 mm - 36.35	3			@ 429.97 -	15629.0
9.5 mm - 4.75 mm - 89.8	7			@ 595.16 -	53454.0
4.75 mm - 30.0 mm - 64.6	7			@ 429.97 -	27777.0
11.2 - 4.75 mm - 30.0 mm	3			@ 300.00 -	14297.0
5.12.5 - 34.2 mm - 901.46				-	30895.0
20 mm - 316.4 mm - 1207.36				-	382144.0
10 mm - 210.94 mm - 5952.16				-	125542.0
Sand - 280.80 mm - 302.80				-	141186.0
Bricks - 4320 @ 5.37				-	231982.0

B 10,47,882.00

10/59 1.04,788.00

SF. 10,47,382.00

27/03/21
R

31/03/21	1008.84 x 154	-	151206.0
Bricks	4320 x $\frac{45}{100}$	-	194.0
L.S.	280.87 x 25	-	21860.0
L.S.	4.26 x 165	-	720.0
			173180.0

Letter No. 29 dt 30.03.2025

B/S 67 715 36=00

Continuation

Bill no - 6771536=0

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					memo of payment
S.D 5%				338	577=0
P.T 1%	57	385	90	57	386=0
G.W 1%				57	386=0
C.W 1%				57	386=0
Labour 1%				67	715=0
Royalty				173	180=0
S.F.				104	788=0
deduction				856	418=0
by C.A.M.				5915	118=0
Total				6771	536=0

Total Rs 6771536=0 (Rupees
Sixty seven Lacs eighty one thousand
five hundred & thirty six only)

31/1/15 Executive Engineer
R. V. D. Works Division
Balsand

31/1/15

Continuation