

M/R

Block-110192

Schedule XLV-Form No. 134

Cons. of Road LOT6 - To 2 to Bridge

(vr76)

DIVISION

Agreement No - 28/MAD/2024-25

Agreement Amount - 38550745.20 SUB-DIVISION

Vishek Award:

MEASUREMENT BOOK

1072
24/10/24

प्रमाणित किया जाता है कि इस मापीयुक्त में
मन्त्रीय द्वारा कुल 1072 पन्ने अंकित हैं जिसे
वैदना कुमारी सहो अन्ति फाँषपुर के
नाम से निर्गत किया जाता है।

~~Executive Engineer~~
Rural Works Department
Works Division Manihar
24/10/24

Sch. XLV—Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 1072
24/10/24

Name of Officer _____

Date of first entry _____

Date of last entry _____

1st Rate Bill

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—					
Road from Lohab to					
Bidare (VR 76).					
W.H.					
MR 3054					
Block—					
Panpur					
Agmt No—					
28 MBP/24-25					
Agency—					
Vishal Anand					
Karthabari Madhubanipurne.					
Date of Agmt—					
24.10.24					

Schedule Date of Completion
 30.8.25

Measurement Details

①/① Clearing & grubbing
 road land

2x (1x 75.00 x 1.50m)	2	225.00m ²
2x (9.70 x 1.00 x 1.00)	2	180.00m ²
2x (7.70 x 1.00 x 1.00)	2	140.00m ²
		3425.00m ²
		0.342 Hect
		0.33 Hect

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② ① p/v & form of typical MM Gray inflexible band					
	02 nos				02 nos
③ ② Construction of Subgrade & earthen shoulder					
	$2 \times (1 \times 100 \times 0.9 \times 0.4) = 72.00$				
	$2 \times (5 \times 100 \times 0.8 \times 0.35) = 280.00$				
	$2 \times (4 \times 100 \times 0.75 \times 0.4) = 240.00$				
	$2 \times (1 \times 32.00 \times 0.70 \times 0.30) = 13.44$				

$2 \times (3 \times 100 \times 0.60 \times 0.15) = 54.00$	
	659.44 m ²

④ ~~③~~ Construction of granular sub-base with G.O.D.

Ch-815M.

$1 \times 3.20 \times 1.00 \text{ m} = 3.20 \text{ m}^2$	
$4 \times 0.75 \times 0.60 = 1.80 \text{ m}^2$	
$2 \times 2.40 \times 0.85 \text{ m} = 4.08 \text{ m}^2$	
$6 \times 0.90 \times 1.20 \text{ m} = 6.48 \text{ m}^2$	
	15.56 m ²

Continuation

⑤

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				8/12	15.56m ²
	1	5.20	0.80	m ²	4.16m ²
	12	7.00	0.70	0.65	5.46m ²
	4	7.00	1.50	1.00	6.00m ²
	2	7.00	3.00	1.40	8.40m ²
	1	11.40	0.90	m ²	10.26m ²
	2	4.20	0.70	m ²	5.88m ²
	6	7.00	1.50	1.10	9.90m ²
	1	7.20	2.00	m ²	14.40m ²
	4	7.60	0.85	m ²	5.44m ²
	1	9.40	1.00	m ²	9.40m ²
	2	3.50	0.70	m ²	4.90m ²

Remains					
Ch 1280	4.00	1.30	m ²	10.40m ²	
8	7.00	2.50	1.20	m ²	24.00
4	7.00	0.80	0.65	m ²	2.08m ²
1	12.30	1.25	m ²	15.37m ²	
8	7.00	1.00	0.75	m ²	6.00m ²
3	7.00	1.35	m ²	28.35m ²	
12	7.00	1.50	0.90	m ²	16.20m ²
815-915	6.00	1.70	m ²	40.80m ²	
1	12.60	1.20	m ²	15.12m ²	
1	9.00	1.12	m ²	10.08m ²	
8	7.00	1.20	0.85	m ²	8.16m ²
4	7.00	3.50	1.00	m ²	14.00m ²
					337.97m ²

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Chhaya 115m					B/E = 337.97m²
4 m x 3.00 x 1.40m²					16.80m²
2 x 6.50 x 0.80m²					10.40m²
6 m x 1.20 x 0.75m²					5.40m²
1 m x 1.50 x 1.00m²					13.50m²
Chhaya 128m					12.60m²
2 m x 8.40 x 0.75m²					12.60m²
1 x 1.50 x 1.00m²					1.50
6 m x 0.80 x 0.65m²					3.12
1 x 5.00 x 1.25m²					6.25m²
1 x 3.40 x 1.00m²					3.40m²
					410.94m ²

Any thickness					
2	0.160 + 0.40 + 0.135				
	0.165				
4					
2	0.150m				
with	410.94m ² x 0.150m				61.64m ³

Continuation

Sch. XLV—Form No. 134

Recd 5 Entries

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
①/ ④ pfr 244 m, 1/4 m + Comp 244 m agg 244 m					
cho-1157					
Area same as Canal with 600 m					
und pr. ③ ④					
281.67 m ²					281.67 m ²
Ment 1.12.71					
2 x 1.75 x 1.00	2				1.75 m ²
1 x 6.00 x 2.30	2				12.80 m ²
2 x 4.30 x 0.75	2				6.45 m ²
8 m x 1.20 x 1.00	2				9.60 m ²
1 x 8.50 x 1.60	2				13.60
4 m x 2.00 x 1.35	2				10.80 m ²
1 x 11.60 x 1.50	2				17.40 m ²
6 m x 1.50 x 1.10	2				9.90 m ²
1 x 7.20 x 2.40	2				17.28 m ²
8 m x 1.25 x 0.90	=				9.00
2 m x 3.50 x 1.30	(m) 2				9.10
5 m x 2.40 x 1.50	=				18.00 m ²
					148
					420.11 m ²
					x 0.075 m
					2 32.25 m ²
					(11)

Continuation

Continuation

Continuation

Recruit Entry

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① P.V., Laying, & fenders					
⑤ & Compactly stone					
2 of worm Grid					
cho-gis 4-100-1152					
Open Lane as Canal					
with 1000 Grid					
8th Underpin ⑤					430.11 m ²
1 x 14.50 x 1.60 m				2	23.20
4 x 7 x 3.00 x 1.25				2	15.00
2 x 6.70 x 0.90				2	12.06 m ²
1 x 8.40 x 2.30				2	19.32 m ²
6 x 2.50 x 1.70				2	25.50 m ²
4 x 1.30 x 1.00				2	5.20
2 x 5.70 x 0.90				2	10.26
1 x 11.40 x 2.00				2	22.80
4 x 3.00 x 1.40				2	16.80 m ²
1 x 9.25 x 2.10				2	19.42
8 x 1.25 x 0.85				2	8.50
1 x 11.30 x 1.80				2	20.24
4 x 3.50 x 1.60 m				2	22.40
10 x 0.90 x 0.75				2	6.75
1 x 8.75 x 1.40				2	12.25 m ²
					669.91 m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				8 p 2	669.91 m ²
1 x 2.60 x 0.80				2	2.08 m ²
					672.00 m ²
				X 0.075 m	
				2	50.40 m ²
					= 11
Ch. 1157-1800 m					
Area Canal					
0.5 m 1.3 m (6 m)					
					245.02 m ²
4 x 1.50 x 1.20				2	7.80 m ²
1 x 8.00 x 2.35				2	18.80 m ²
4 x 3.00 x 1.50				2	18.00
1 x 6.75 x 2.00				2	13.50
6 x 1.20 x 1.00				2	7.20
2 x 10.60 x 0.90				2	19.08 m ²
1 x 5.40 x 2.10				2	11.24
5 x 2.00 x 1.40				2	14.00
1 x 9.50 x 2.20				2	20.90
6 x 0.75 x 1.00				2	4.50 m ²
1 x 4.30 x 1.85				2	7.95 m ²
2 x 5.00 x 1.20				2	18.00
6 x 0.80 x 0.65				2	3.12
					409.21 m ²

Continuation

CP

Roadwork Entries			
1/3 Construction of panel			
Concrete pavement			
M 150, thick as per design			
<u>Chains</u>			
1157-1200	1 X 42.00	3.75 m ²	161.25 m ²
1200-1500	3 X 100.00	3.75 m ²	1125.00
1500-1514	1 X 14.00	3.75 =	52.50 m ²
1514-1524	1 X 10.00	4.62 (avg)	46.20 m ²
1524-1524 ^{turns}	1 X 10.00	6.20 m (avg)	62.00
1524-1584	1 X 50.00	3.75 m ²	187.50
1584-1600	1 X 16.00	3.75 m ²	60.00
			1694.45 m ²

Continuation

~~Continuation~~

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
②/③ Plv aff. Part Coat with bitumen conclusion (RS-1) do—					
Ch 0-20 - 1 x 20.00 x 4.40 m					88.00 m ²
20-100 - 1 x 80.00 x 3.75 m					300.00
100-400 - 3 x 100.00 x 3.75 m					1125.00
400-900 - 5 x 100.00 x 3.75 m					1875.00
900-915 - 1 x 15.00 x 3.75 m					56.25 m ²
					3444.25 m ²
					(i)
Ch 1040-1100 - 1 x 60.00 x 3.75 m					225.00
1100-1150 - 1 x 50.00 x 3.75 m					213.75
					438.75 m ²
					(ii)
					(i) + (ii) = 3883.00 m ²
③/④ Plv 4 layers Semi dense bituminous Concrete Area vide item ②/③					
					3883.00 m ² x 0.025 m = 97.07 m ³
					Less to 97.07 m ³

Continuation

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~~Form No. 734~~

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Cont of Subgrade					
⑤ and concrete slabs					
$2 \times (5.17 \times 1.00 \times 0.92 \times 0.125) =$					6.750 m ³
$2 \times (1 \times 1.00 \times 0.85 \times 0.125) =$					2.125
$2 \times (1 \times 7.0 \times 0.75 \times 0.125) =$					13.12
$2 \times (1 \times 5.0 \times 0.70 \times 0.125) =$					8.75
$2 \times (1 \times 3.0 \times 0.50 \times 0.125) =$					3.75
					114.37 m ³
⑤/⑧ P.V. 4 Layer of bit applied thermoplastic					
Compd 2.5mm thick.					
At Edge of B.T. paths					
$2 \times (10.70 \times 1.00 \times 0.10) =$					200.00
$2 \times (1 \times 32.0 \times 0.10) =$					6.40
					206.40 m ²
⑤/⑧ pedestrian crossing					
$2 \times 6.00 \times 0.50 \times 2.0 =$					6.00 m ²

Continuation 15

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Road widening AT Edge of C.C.					
(20) portion					
$2 \times (6 \text{ nos} \times 100.00 \times 0.10)$					120.00
$2 \times (1 \times 42.00 \times 0.10)$					8.60
					128.60 m ²
(10)(i) Rice M/S grade					
K.M. Stone					
02 nos					02 nos.
(9)(u) 200M Stone					
08 nos					08 nos
(10)(17) planting of trees					
50 nos.					50 Nos
(11)(12) plv + erectus dioritis & place identification					
$2 \times 1.20 \times 0.80$					1.92 m ²
(13)(21) plv + framy of Mgintchane beef.					
02 nos					02 nos.

Continuation

Continuation

Vpřevládá 90%

Abstract of Bill

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Clearing & grubbing soil					
① Land included in upst					
Qty vide pr. ①					
0.23 Hect @ 76926.08/m ²					29528620
②/② Const of Subgrade					
& earthen shoulders					
Qty vide TMS					
pr. ② - 659.44 m ²					
pr. ③ - 114.37 m ²					
773.81 m ²					
@ 264.72/m ²					20484300
③/③ Const of G.S.B					
Gravel & subgrade					
graded material					
Qty vide pr. ④					
61.64 m ² @ 2537.20/m ²					15651600
④/④ Pl. Layer, 80mm					
& Compaction 200mm					
Qty vide TMS					
pr. ⑤ - 32.25 m ²					
pr. ⑥ - 18.37 m ²					
50.62 m ²					
@ 5472.54/m ²					27702000
8.47 Hect @ 66376520					
66376520					
66376520					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Plf = 6	63,765 m
5/5 Plr, Laying, & final					
1 - Confectionary work					
Qty vld TMB					
pa. 08 - 50.40 m					
pa. 09 - 31.58 m					
				81.98 m	
				@ 5239.10/m	429501 m
6/6 Plr & aff. prime					
Coat - with Bitum					
Emulsion (SS-1)					
Qty vld pa. 10					
672.00 m					
Limit to					
671.85 m @ 55.47/m					37268 m
7/7 Plr & aff. Tack					
Coat (RS-1)					
Qty vld pa. 11					
3882.00 m					
Limit to					
3882.19 m @ 19.03/m					73878 m
8/8 Plr & Laying Sd be.					
with 100 gph. do					
Qty vld pa. 11					
97.05 m @ 13311.66/m					1291897 m
				State	2496309 m

Continuation

clj

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					812 2.249630920
⑨/⑨ Concrete of panel					
Permet Concrete					
M 130 - do					
Qty. under par. ⑩					
304.42 m ³ @ 9140.66/cu m					2782600
⑩/⑩ R.C. M/S grade					
K.M. Stone					
Qty. under par. ⑪					
02 nos @ 3033.76/cu m					606820

⑪/⑪ 200 M Stone					
8 nos. @ 832.12/cu m					665720
⑫/⑫ P.V. 4 excess hrs dms					
A place identical					
1.92 m ² @ 15081.13/m ²					2895620
⑬/⑬ P.V. 4 from of refs					
reflectors Caution					
A information in brief.					
600 mm equivalent from					
wide par. ⑮					
12 nos. @ 4500.96/cu m					5401220
⑭/⑭ 600 mm Circular					
04 nos @ 4343.28/cu m					1737320
					539197520

Continuation

cf

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Cutting, Mangalotia, 1st Ph. Gyn. Bldg. 8/2	253	919	75	20	
(15) (15) 600 x 450 mm bed					
Qty. m ² pr. (15)					
08 Nos @ 21198.74/ea					3359020
(16) (16) 900 mm wide octagon					
02 Nos @ 8668.11/ea					1723620
(17) (17) Planting of trees by road side					
Qty. m ² pr. (17)					
50 Nos @ 1302.10/ea					6525520
(18) (18) Plaster layer of bed					
applied thermoplastic compound					
At Edge of B.T. paths					
Qty. m ² pr. (13)					
205.00 m ² @ 886.50/m ²					18173220
(13) (13) Pedestrian Crossing					
6.00 m ² @ 886.50/m ²					531920
(20) (20) Road markers at Edge of C.E. paths					
128.60 m ² @ 1005.95/m ²					12936520
(20) (20) Plaster & finish of bed					
band, Cut & Repair.					
pr. (02) - 02 Nos					
pr. (04) - 04 Nos					
04 Nos @ 11704.69/ea					4681920

Continuation

587139120

4/2

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					58/11,39120
(22) (22) 3/4 Masonry work in					
cm (1:2) in parapet wall.					
Qty m ² @ 6185.37/m ²					958820
(23) (23) Plastering with					
cm (1:3) on brickwork					
53.76 m ² @ 231.55/m ²					1244820
(24) (24) Painting on parapet					
wall.					
102.60 m ² @ 139.16/m ²					1427820
					590770520
G.S.T @ 18% = (+)					106338720
L.C.S @ 01% = (+)					5907720
					703016920
					(A)
Seigniorage fee 10%.					
Earth 773.81 m ³ @ 35.25/m ³					272820
Aggregate					
26.50 m ³ @ 901.46/m ³					234420
9.50 m ³ @ 429.97/m ³					79520
2/2nd — 30.00 m ³ @ 144.75/m ³					43420
63.45 m ³ @ 992.33/m ³					608320
11.20 m ³ @ 901.46/m ³					301120

Continuation

15395200

CPD

By: 22m/4

Sch. XI.V—Form No. T34					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>S.D. No.</u>	2618	22	22	22	
<u>Material</u>	Marikharu	16	11	24	
<u>Particulars</u>	BH552084087	10	7	64	m
<u>Material</u>	Dip2/25-26/2025	0	60	m	
<u>(RS-1)</u>	do	1	20	m	
<u>(RS-1)</u>	do				

<u>Material</u>	<u>Balances at</u>	<u>Received Quantity</u>	<u>Cumulative Balance</u>
Pitumen emulsion (SS-1)	0.60	0.580	0.020 MT
(RS-1)	1.900 MT	1.070	0.130 MT
Pitumen VG-10	10.764 MT	10.024	0.740 MT
	★ 5.825		

Continuation

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Continuation