

MIR

Block - ग्रामपुर

Schedule XLV-Form No. 134

Const. of Road To 2 to Bastaul Ward No-11 tak

DIVISION

Agreement No - 28 MB D/24-25

Agreement Amount

SUB-DIVISION

Vishal Mand.

MEASUREMENT BOOK

1071

24/10/24

प्रमाणित किया जाता है कि इस आपीपुस्त
में श्रद्धापूर्वक रूप से कुल 100 पन्ने लक्षित हैं
जिसे वंदना कुमारी सहित अन्य प्राध्यापक
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.

107
24/10/24

Name of Officer _____

Date of first entry _____

Date of last entry _____

1st RPA Bill

1

Name to 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 scheme—					
Repair of road from					
TB 2 to Bastaul ward no-11					
Block - panchayat					
Agmt No - 28 MRD of 24-25					
Date of Agmt - 24.10.24					
Schedule Date of Conf. - 30.8.25					
Agency - Vishal Arand.					
Korhabani, Madhubani					
purnea.					

Meast Details

①	cleaning & guttering				
①	road 2nd, 1st, 2nd				
	upfront				
	2x (13m x 14m x 1.00)				2600.00m ²
	2x (1x 25.00m x 1.00)				50.00
					2650.00m ²
					= 0.265 Hect
②	plv & fencing				
②	entrance				
	04 no				04 no

Continuation
23/11/24

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤	Cont of Sub grade				
②	4 carbon shoulder				
	2x	(2x 100x0.60x0.20)			48 m ²
	2x	(1x 100x 0.40x0.15)			12 m ²
	2x	(4 75x100x0.50x0.20)			80 m ²
	2x	(3 75x100x0.35x0.15)			31.50 m ²
					171.50 m ²
	A				
④/③	Cont of GSB mb				
	Gross				
	ch no-1325				
	Mentel poto				
	1x	4.70x2.30			10.81 m ²
	6x	1.50x 0.90			8.10 m ²
	2x	6.40 x 1.20			15.36 m ²
	1x	2.60x 1.40			3.64 m ²
	8x	0.65 x 0.80			4.16 m ²
	1x	5.90 x 1.30			7.67 m ²
					49.74 m ²
	As thick (0.160 + 0.150 + 0.130 + 0.160)				x 0.160 m
		4			
		0.160 m			7.95 m ²
	A				

Continuation 612.24

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①/⑧ p/v, 2 nd m, 8 th 4 Compactors Stone as w/b w/bm Gravel Area Cured Same as for no ①/⑧ p.v. (03) 91.48 m ²					91.48 m ²
Mont of job chiller 125 m					
4 X 3.00 X 1.40 m =					16.80
1 X 2.50 X 2.00 =					5.00
2 X 6.30 X 0.80 =					10.08
					1 X 2.70 X 2.00 = 5.40
					1 X 5.15 X 1.60 = 8.24
					137.00 m ²
					X 0.075 m
					= 10.27 m ²
②/③ Cont of dry lean Cement Concrete sub base on job's base ch=540-1100					181.25
Mont of job					
4 X 0.85 X 0.60 =					2.04 m ²
1 X 6.00 X 0.75 =					4.50
8 X 3.50 X 0.80 =					22.40
6 X 2.00 X 1.10 =					13.20
					42.14 m ²
Continuation					42.14 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Dry land Cement</u>					
<u>Ch. 0.540 m</u>					
6 m x 1.20 x 0.85 m =					6.12 m ²
4 m x 0.70 x 0.60 =					1.68
1 x 3.00 x 1.00 =					3.00
1 x 4.50 x 0.90 =					4.05
8 m x 6.00 x 0.75 =					36.00
4 m x 0.90 x 1.20 =					3.60
12 m x 1.50 x 0.80 =					14.40
1 x 7.00 x 1.40 =					9.80
1 x 9.30 x 1.10 =					10.23
<u>★</u>					
6 m x 2.50 x 0.80 =					12.00
4 m x 5.00 x 1.15 =					23.00
1 x 8.70 x 0.90 =					7.83
6 m x 3.00 x 0.75 =					13.50
1 x 6.30 x 0.65 =					4.09
					149.30
th. (0.10 + 0.10 + 0.10) x					0.10
					14.93
<u>★</u>					
					18.2.28

Continuation

Continuation

Continuation

9

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Clearing & grubbing of road land Qty made pn-01 $0.265 \text{ Hect} @ 76926.08/\text{m}^2 = 20385\text{m}$					
(2) Cont of Subgrade & earthen shoulder Qty vide pn-02 $171.50 \text{ m}^2 @ 264.72/\text{m}^2 = 45399\text{m}$					
(3) Cont of granular Sub base with Grd Qty vide pn-02 $7.95 \text{ m}^2 @ 2455.39/\text{m}^2 = 19520\text{m}$					
(4) ptn, laying, spreading & compacting stone granules wbm Grd Qty vide pn-03 $6.86 \text{ m}^2 @ 5280.64/\text{m}^2 = 36225\text{m}$					
(5) ptn Laying, spreading & compacting wbm Grd Qty vide p. no-04 $10.27 \text{ m}^2 @ 5070.32/\text{m}^2 = 52072\text{m}$					
Total: 1,773,601m					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B/P = 1,73,60120
⑥/⑨ Construction of dry lean Cement Concrete					
Qty. vide memo					
pn. ⑤ - 15.97					
pn. ⑥ - 14.93 m					
					30.90 m ² @ 5242.16/m ²
					= 16198320
⑦/⑩ Cement of panel Cent Concrete pavement					
Thickness per dm					
Qty. vide memo					
					520.42 m ² @ 9013.42 = 469099620
⑧/⑪ 4 lanes of fly					
Informally a concrete					
Qty. vide memo					
04 nos @ 11675.06 each					4670020
					507328020
Grout @ 18% (+)					91319020
L. Cons 01% (+)					5073320
					603720320
Seigniorage fee					(A)
Rate - 171.50 m ³ @ 3525/m ³					60520
26.50 - 9.50 m ³ - 3.40 m ³ @ 901.46/m ³					30620
9.50 - 2.36 m ³ - 2.40 m ³ @ 429.92					10320
1/2 - 4.00 m ³ @ 144.75/m ³					5820

Continuation

1072200
CP

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				$\frac{1}{2} \times 2$	1072 cu
Ass 63-45m - 8.30 m ³					$992.33 / m^3 = 824 cu$
11.20-0.08-4.20 m ³					$901.46 / m^3 = 379 cu$
23-22.40 m ³ - 12.50 m ³					$1100.04 / m^3 = 1375 cu$
Shed 0.58 m ³					161.62 m³ = 09.
25-1250-28.00 m ³					$901.46 / m^3 = 2524 cu$
20 m ³ - 281.00 m ³					$1207.76 / m^3 = 33938 cu$
10 m ³ - 187.00 m ³					$595.16 / m^3 = 11129 cu$
Spars 250.00 m ³					$502.80 / m^3 = 12570 cu$
					63811 cu
					(8)

(A) + (B) = 6101014 cu

Below 16.72% = 1020090 cu

This bill Amt 5080924 cu



2.4.25

Continuation

2nd Final Bill

12

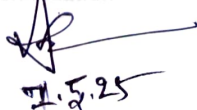
Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Scheme					
Repair of road from					
No 2 to Bastard ward					
				no 11	
Block - pramfur					
Agreement No 28 MBD				24-25	
Date of Agreement				24.10.24	
Date of Completion					
Agency - Vishal Agency					
Kothabare, Madhuban,					
purnea.					

Detail Measurements

1/2 Construction of Subgrade					
and earthen Shoulder					
per					
2x (1x 100x0.75x					
0.25) = 37.50					
Bunt. per					
2x (3x 100.00x0.60x0.125)					245.00
2x (5x 100x0.50x0.125)					= 62.50
2x (3x 100x0.75x0.125)					= 56.25
2x (2x 100x0.75x0.125)					= 75.00
					276.25

Continuation


1.5.25

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2/23 Bf Masonry on cm (1:2) in parapet					
3 x 20.25 x (2 x 6.15 x 0.40 x 0.60) / 2					2.22 m ²
3/24 plastering with cm (1:4) on Bf w.					
Side 3 x (2 x 6.15 x 1.60) =					59.04 m ²
Rear 3 x (4 x 0.40 x 0.60) =					2.88 m ²
found					61.92 m ²

6/25 Perimeter of parapet wall					
Same as item 3/24					
61.92 m ²					61.92 m ²

7/6 Plv aff. pour coat with (S. 1)					
Area same as wall G.I.H.					
137.00 m ²					137.00 m ²

2/3 Plv + aff. pour coat with Bottom @ m/s (S. 1) on parapet level					
ch.					
1100-1111 m - 1 x 11.00 x 3.75 =					41.25 m ²
1111-1126 - 1 x 15.00 x 3.50 =					52.50 m ²
1126-1156 - 1 x 30.00 x 3.75 =					112.50 m ²

Continuation

206.25 m²
19.5.25

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BP 22	206.25 m ²
1156-1160	1X	04X	3.50	2	14.00 ✓
1160-1182	1X	22X	3.75	2	82.50 ✓
1182-1190	1X	08X	3.60	2	28.80 ✓
1190-1212	1X	22X	3.50	2	77.00 ✓
1212-1222	1X	10X	3.60	2	36.00 ✓
1222-1235	1X	13X	3.60	2	46.80 ✓
1235-1243	1X	08X	3.30	2	26.40 ✓
1243-1247	1X	04X	3.10	2	12.40 ✓
1247-1265	1X	18X	2.80	2	50.40 ✓
1265-1272	1X	07X	3.30	2	23.10 ✓
1272-1300	1X	28X	3.75	2	105.00 ✓
1300-1324	1X	24X	3.75	2	90.00 ✓
1324-1330	1X	06.00X	3.50	2	21.00 ✓
					819.65 m ²
 205.25 plus 4 eff. Tack Cost with bitumen emulsion Area same as which for ① ② 819.65 m² — 819.65 m² 					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ / ① pfr & Laying Semi dense bitumen Concrete with 10-15 Tph batch.					
Area same as width ② / ③ pr ④					
819.65 m ²					
M ³ of Sd bc					
$819.65 \text{ m}^2 \times 0.025 \text{ m} = 20.49 \text{ m}^3$					
⑩ / ① Road mauler					
② on C.C. portion					
chp 11m					
$2 \times (11 \times 100 \times 0.10) = 220 \text{ m}^3$					
⑧ / ① Road mauler on BT poles					
$2 \times (2 \times 100 \times 0.10) = 40 \text{ m}^3$					
$2 \times (1 \times 25 \times 0.10) = 0.5 \text{ m}^3$					
45 m ³					
24.525					

Continuation

Continuation
24.5.20

Continuation

[illegible]**Continuation**

Abstract of Cost

18

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Clearing + grubbing soil					
① Land					
Qty. vide p.no. (05)					
0.265 Met @ 76926.08/Ha = 2038520					
② Cont. of Subgrade & earthen shoulder					
Qty. vide p.no. (05)					
171.50 m ³					
pn (12) 276.25 m ²					
447.75 m ² @ 264.72/m ²					
					= 11846220
③ Cont. of G.B. G.R.					11852820
7.95 m ³ @ 2455.38/m ³ = 1952020					
④ p.v. Laying of 103m Grid (2)					
Qty. vide p.no. (05)					
6.86 m ³ @ 5280.64/m ³ = 3625520					
					3622520
⑤ p.v. Laying of 4 Compaction 103m Grid					
Qty. vide p.no. (05)					
10.27 m ³ @ 50710.32/m ³ = 5207220					
⑥ Construction of dry lean Bmt Concrete					
Qty. vide p.no. (10)					
3090 m ³ @ 5242.16/m ³ = 16198320					
Total					40867420

Continuation

COB
4087132

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/P 2	4,08,677.20
⑦/⑥ PVA off prime Coat with (SS-7)					
Qty vide p.n. ⑬					
137.00 m ² @ 55.48 m ²					7601200
⑧/⑦ PVA off Jack Coat with RS-1					
Qty vide p.n. ⑭					
819.65 m ² @ 19.04 m ²					15606200
⑨/⑧ PVA off Semi dense bitumen Coat					
Qty vide p.n. ⑮					
20.49 m ² @ 13126.65 m ²					26937500
⑩/⑨ Coat of dry lean Cement Concrete					
Qty vide p.n. ⑯					
30.90 m ² @ 52412.16 m ²					161983200
⑪/⑩ Coat of Cement plaster Concrete					
Qty vide p.n. ⑰					
520.47 m ² @ 9012.16 m ²					469099600
⑫/⑪ Rice Mis grad K.M. Str					
Qty vide p.n. ⑱					
02 nos @ 3002.10 each					6004200
				Subtotal	5560242000

Continuation

~~5398259200~~

Ch

53982915=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) / R.C.M. 15 grade					5560242
(12) / 200 m Stru					539825920
Qty. vide p.n. (16)					
06 nos. @ 826.49/ea					495920
(14) / (13) p/v & erecting					
dissection of plan					
identical.					
1.92 m ² @ 15061.38/m ²					2891820
(15) / (14) p/v & erecting					
reflected of Conting					
base,					
600 m Circular					
10 nos @ 4486.15/ea					24486120
(16) / (15) 600 m Circular					
Qty. vide p.n. (13)					
06 nos @ 4328.46/ea					2597120
(17) / (16) 600 450 m m					
rectangular					
04 nos @ 4183.93/ea					1673620
(18) / (17) 900 m m Side octagon					
02 nos @ 8653.30/ea					1730720
(19) / (18) p/v & erecting					
of 4 layers of h/c					
aff. thermopne cotton					
0.5 m					
45.00 m ² @ 886.50/m ²					3989220
					573888620

Continuation

557690320

557693920

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					57,38,886.20
90/20 pedestrian crossing					
Qty. m ² pm (16)					
09.00 m ² @ 886.50/m ² =					7978.20
90/21 At. Edge of C.C. pavement					
Qty. m ² pm (15)					
920.00 m ² @ 1005.95/m ² =					221309.20
90/22 ply & fines of typical M.M.G. in sub base					
Qty. m ² @ 11675.06/m ² =					246700.20
90/23 Bf Masonry work in C.M (1:3) in parapet					
Qty. m ³ pm (13)					
2.22 m ³ @ 6185.97/m ³ =					13733.20
90/24 Plastering with C.M (1:4) on brick work in sub structure					
Qty. m ² pm (13)					
61.92 m ² @ 230.26/m ² =					14258.20
90/25 painting on parapet wall					
61.92 m ² @ 139.16/m ² =					8617.20
					60,51,481.20

Continuation

~~5889498.20~~

cf 5889534.20

Allotment Receipt from BRPA

vide letter - 47 Continuation at 09.06.25

$$b - 5891330 =$$

CHH NMP 2013
 10112611
 Sch. XLV - Form No. 134

5891330=

Memo of Payment

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		SD 5'	-		294566=
		ITR 1'	-		58913=
		L-Can 1'	-		58913=
		CUST 1'	-		58913=
		SUST 1'	-		58913=
		Royalty	-		30751=
		Seigfee	-		65621=
					626590=
		CFMS	-		5264740=
					5891330=
Parsed for Rs 5891330 (fifty eight lakhs and three hundred thirty three thousand)					

Executive Engineer
 Rural Works Department
 Works Division, Manihari

GLY
 17/06/25

16.6.25

1. Constructed Length - 1.325 km
2. Actual Date of completion - 25-05-2025
3. No. of tree Plantation - 0
4. Value of M.B. - 58,91,366=
5. No. of Habitation - 02 Nos

[Signature]
 Continuation
 J.F.

[Signature]
 25/5/25
 AE