

M/R New Maintenance

Block → ग्रामपुर

Schedule XLV-Form No. 134

Repair of road from LOSG-TO2 to Balua Samthali
(Track 7)

Agreement No - 26/MBD/2024-25

DIVISION

Agreement Amount → 4,25,16,490/-

SUB-DIVISION

Vishal Aram

1061
09/10/24

MEASUREMENT BOOK

1061

प्रमाणित किया जाता है कि इस मापीपुस्त
में मशीन द्वारा कुल 100 पन्नें अंकित हैं
जिसे वंदना कुमारी सहो अमि के नाम
से निर्गत किया जाता है। -

Executive Engineer
R.W.D. (W) Division, Manihari
३१/०८/२५

Sch. XLV-Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 1081
३१/०८/२५

Name of officer _____

Date of first entry _____

Date of last entry _____

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 - Repair of					
road for loss - Tuzo Baka					
Santhali. under MR 3054					
Black Drains					
Wheat - MR 3054, 2018					
Package no - MR IV 23/24-06					
Agreement no - 26 MBD/2428					
Work start Date - 9.10.24					

Agency - Vishal Agrawal					
Kothabari, Madhubani					
purwar.					
Authority - E. B. R. Road, Manihar					
Measurement Details					
①/① Clean & gutters					
road side					
$2 \times (10 \times 10 \times 1.50 \text{ m}) =$					30.00 m^2
$2 \times (9 \times 10 \times 1.00 \text{ m}) =$					180.00
$2 \times (10 \times 42.00 \times 1.00 \text{ m}) =$					84.00
					224.00 m^2
					$= 0.92 \text{ Hect}$

Continuation

18.10.24

18/10/24

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2/1 Plv & heavy type					
2/1 MM Grey mfranchis					
Long bowl					
		04 m			04 m
3/1 Construction of sub					
grade & earth					
Shoulder					
$2 \times (4 \text{ m} \times 100 \times 0.9 \times 0.40) = 288.00 \text{ m}^3$					
$2 \times (3 \text{ m} \times 100 \times 1.00 \times 0.35) = 210.00$					
					498.00 m ³
5/3 Cont of granule					
sub base with coal					
Meat of job					
4 m	1.20	0.80	2		3.84 m ²
1 m	5.70	1.40	2		7.98 m ²
2 m	8.50	0.85	2		14.45 m ²
1 m	17.40	1.25	2		21.75
6 m	0.85	0.60	2		3.06 m ²
1 m	9.45	1.80	2		17.01
4 m	3.00	1.50	2		18.00
1 m	15.30	0.90	2		13.77
2 m	2.50	1.10	2		5.50
					104.86 m ²

Continuation

21.10.24

(Cg)

21/10/24

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				$Bf = 2$	$104.86m^2$
	1X	9.40	2.30	2	21.62
	1X	17.20	1.10	2	19.03
	37X	6.00	1.50m	2	27.0
	127X	0.90	0.75	2	8.10
	1X	13.70	1.20	2	16.44
	47X	2.50	1.70	2	17.0
	87X	0.75	1.25	2	7.50
	1X	8.70	2.00	2	17.40
	37X	2.00	1.15	2	6.90
	1X	2.45	1.67	2	4.09
					$249.94m^2$
	ans. Hence				

$$\left(\frac{0.16 + 0.14}{2} \right) \times 0.150 \times 2 = 0.150m$$

$$237.49m^2$$

28/10/24

28/10/24

Recd Entry

①/④ Pfy Land, House
Compacts Storage
with Grd

Free and Open
Comp Grd

vide (3)

Man. f. f. f.

2X 3.50X 2.40m = 16.80
1X 9.00X 1.35 = 12.15m²

Continuation

278.85m²
LCP

Continuation

CS

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			0.8	2	450.28
6 m x 2.5 m			1.60 m	2	24.0
1 x 13.40 m			2.50	2	33.50
4 m x 2.00 m			1.30	2	10.40
1 x 5.20 m			2.00	2	11.40
6 m x 3.00 m			1.25	2	22.50
1 x 13.70 m			2.00	2	27.40
4 m x 5.00 m			1.80	2	36.0
1 x 16.00 m			1.45 m	2	23.20
2 m x 7.00 m			0.80	2	11.20
1 x 5.60 m			2.15	2	12.04
1 x 12.75 m			1.63	2	20.78

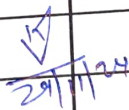
682.70 m²

x 0.078 m

= 51.20 m²


29.11.24

Jnc



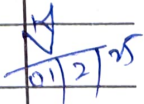
Continuation

Sch.XLV-Form No. 134

Read Ents.

①/⑤ plus aff. pome
Cat with Bottom
emulsion ssy,
Auer same as vnd
item ①/⑤
682.70m² ——— 682.70m²


01.224


01/2/25

Continuation

Recd of Ents

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
① / ②	plv	4 eff.	Pack	Coal	
	with	Bitumen	emulsion		
	um	Rst			
Ch-0-9.00					
1x03.00x12.00m					36.00m ²
1x06.00x7.00m					42.00m ²
44-53	1x	09.00x	5.50m		49.50
53-100	1x	47.00x	3.75m		176.25
100-200	1x	100.00x	3.75m		375.00
200-235	1x	35.00x	3.75m		131.25
235-250	1x	15.00x	4.30m		64.50
250-300	1x	50.00x	3.75m		187.50

300-360	1x	60.00x	3.75m		225.00
360-375	1x	15.00x	4.30m		64.50
375-400	1x	25.00x	3.75m		93.75
400-430	1x	30.00x	3.75m		112.50
600-800	2x	100.00x	3.75m		750.00
800-814	1x	14.00x	3.75m		52.50
814-826	1x	12.00x	4.25m		51.00
826-890	1x	64.00x	3.75m		240.00
890-945	1x	15.00x	4.25m		63.75
1122-1258	1x	84.00x	3.75m		315.00
					<u>3030.00m²</u>

★

6/12/15

Continuation

Recd Entry	
①/②	Contract of Subgale & carbon shales bands per ft $2 \times (2 \times 100 \times 0.5 \times 0.30) = 60.00$ $2 \times (1 \times 67.5 \times 0.50 \times 0.15) = 10.05$ $\underline{70.05}$ 70.05 73
②/⑩	Free Manganese sh. 02 75 ————— 02 75
③/④	200 M Iron 05 75 ————— 05 75

Continuation
10.2.28

25

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
①	planting of trees				
②	by the swamp side				
	40	70			4000
③	plns 4 large not				
④	applied Thompson				
	Camp 2.50 m. there				
	At Edge of BT path				
	$2 \times (7 \times 10 \times 0.10) =$				140.00
	$2 \times (1 \times 80 \times 0.10) =$				16.00
					156.00
⑤	At Edge of C.C.				
	path				

	$2 \times (2 \times 10 \times 0.10) =$				40.00
	$2 \times (1 \times 67 \times 0.10) =$				13.40
					53.40

⑥	pln 4 trees of Birch				
⑦	4 trees identical				
	Sign				

	$2 \times 1.20 \times 0.80 =$				1.92 m ²
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⑧	pln 4 trees of				
⑨	20 ft - reflector				
	Cantonment				
	60 m. equilateral				
	trees				

	12 trees				12 trees
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⑩	pedestrian crossings				
⑪	12.25				
	$2 \times 6.125 \times 1.00 =$				12.25

Continuation
12.25

12/2/15

Continuation

Abstract of Bill

Dist & Pinal Bill

11

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
① Clearing & grubbing of ① road land Qty vide TMB p.no 01 0.22 Heet Limited to 0.21 Heet @ 76926.08/m ² = 16154200					
2/② Construction of Subgrade & earthen embankment Qty vide TMB n.07 - 498.00 m ² n.08 - 70.05 568.05 m ² @ 264.24/m ² = 15037420					
3/③ Centre of Grid with Grid Qty vide p.no 04 3745 m ² @ 2357.62/m ² = 8838720 32.00 m ² @ 5056.77/m ²					
4/④ Pl. Laying, Spreading & Compacting Stone agg of 100mm Grd Qty vide p.no 08 32.00 m ² @ 5056.77/m ² 51.20 m ² @ 4873.42/m ² = 16181720					
5/⑤ Pl. Laying Spreading & Compacting 100mm Grd Qty vide p.no 05 51.20 m ² @ 4873.42/m ² = 24951920 Total = 66625120 (40)					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				B.F. =	6,66,25120
(6/6) Plv + aff. prime Coat					
Qty. and pr. (6)					
682.70 m ² @ 55.42/m ² =					3784200
(7/7) Plv + aff. Thick coat with bitu emul					
Qty. and pr. (7)					
3030.00 m ² @ 19.02/m ² =					57631200
(8/8) Plr. & Lay 12 Sewer cum bituminized Concrete					
Qty. and pr. (8)					
75.75 m ³ @ 12945.34/m ³ =					980609200
(9/9) Construction of panel					
Concrete Concrete					
Qty. and pr. (9)					
126.34 m ³ @ 8844.92/m ³ =					1117467200
(10/10) Rec. M/S grade K.M. Str					
Qty. and pr. (10)					
02 m @ 2959.69 ea =					5919200
(11/11) 200 M Stone					
05 m @ 818.05/ea =					4095200
Grand Total =					2869814200
					2869814200

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					Bf = 2869,81420
⑩ / ⑪ P/N & creeks ditch A for area identified					
Q to vide pn. ⑥⑧					
1.92 m ² @ 15034.32 m ²					2886720
⑬ / ⑭ P/N lines of ditch reflecting Carthage bank 600 m irregular form Q to vide pn. ⑥⑤					
12 nos @ 4466.30 ea					5359620
⑮ / ⑯ 600 m Circular					
06 nos @ 4308.62 ea					2585220
⑰ / ⑱ 600 x 450 m rect					
04 nos @ 4164.09 ea					1665620
⑲ / ⑳ 900 m wide ditch					
02 nos @ 8633.45 ea					1726720
㉑ / ㉒ Planting of trees by real line					
40 nos @ 1305.10 ea					5220420
㉓ / ㉔ P/N & Lines of hut applied through the Col					
AT B T plan					
156.00 m ² @ 886.50 m ²					13829420
①					320255020

Continuation

(c/o)
P.T.O

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(18/10) Pedestrian Column at road pr. (08)					3202550200
9.00m ² @ 886.50/m ²					7978200
(18/21) Plaster of floor MM Gray in formwork 20mm band					
at road pr. (02)					
04 nos @ 11635.32/m ²					4654120
(21/20) Road widening At end of C.L. pr at road pr. (08)					

$$53.40 \text{ m}^2 @ 1005.95/\text{m}^2 = 5371820$$

$$331078720$$

$$\text{Add GST @ 18\%} = 5959420$$

$$\text{L.C. @ 01\%} = 3310820$$

$$393983720$$

Severing fee 1%

$$\text{Earth} = 568.05 \text{ m}^3$$

$$@ 35.25/\text{m}^3 = 200220$$

Cross G.R.

$$37.49 \text{ m}^2 @ 577.08/\text{m}^2 = 216320$$

$$\text{W.M. G.R.} = 32.00 \text{ m}^2 @ 1454.06/\text{m}^2 = 465320$$

$$\text{W.M. G.R.} = 21.20 \text{ m}^2 @ 1547.44/\text{m}^2 = 792320$$

$$\text{S.D.R.} = 75.75 \text{ m}^2 @ 886.08/\text{m}^2 = 671220$$

$$\text{P.C.M.} = 126.34 \text{ m}^2 @ 1092.71/\text{m}^2 = 1380520$$

Continuation

$$3725820$$

$$(A) + (B) = 397709520$$

Ch

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			Bf	2	3977095 ²⁰
Below		16.93y			(2) 6,75,708 ²⁰
- This bnf Ad Rs					33,01,387 ²⁰

Limited to Rs. 1907753 = a

As

15/2/25

15.2.25

As

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	

Bitumen 87

Material

Concrete

Qty

Bitumen
emulsion
(SS-1)

V2/466/24-25

0.60 MT

(RS-1)

do

1.00 MT

Waste plank

V2/468/24-25

4.00 MT

Bitumen
VG-1

BH 5520208427

8.58 MT

(SS-1)

Receival
Qty

Consumption

Balance

→

0.60 MT

0.60

0.00

(RS-1)

1.00 MT

0.840

0.160

Waste plank

3.085 MT

0.60

= 3.085

VG-10

8.580

8.180

= 0.400

15.2.28

Continuation