

Name of work - Mkt 20-21 / Dabhangga - 2

TO 2 TO Agga Shibu

Schedule XLV-Form No. 134

Dabhangga - 2

DIVISION

Singhaara

SUB-DIVISION

M B No - 1311

Agent - Sri. Amit Kumar Agga

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इस मापीयुक्त में
मशीन से टंकित कुल-100 (एक सौ) पृष्ठ हैं
जो श्री निकित भाटवत
सहाय अग्रि के नाम से याद कायदा, अवर प्रमंडल,
सिंगवारा के लिए निर्गत किया जाता है।


Executive Engineer:
R.W.D.(W) Division
Darbhanga-2
20/12/23

Returned to JE, Singwara

Nikhil
20/12/23
AE

Sch. XLV-Form No. 134

Darbhanga-2

DIVISION

Singwara

SUB-DIVISION

Measurement Book

No. 1311

Name of officer Sr. Nikhil Bhatvat

A. E. Singwara

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).

(These four items of the measurements relating to each work)					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
r/w - Construction & maintenance work					
From M.R. - 11/20-21 / Darbhanga - 2/01					
T02 to Agayarpur under saguna block					
Agree - Sri Asst. Kumar Anal,					
Agreement No. - 14MBO/2023-24					
Date of start - 24/08/2023					
Date of completion - 23/5/2024					
Rate - 104. Below					

Record Entry made - 10/12/23					
(1) ✓ clear & gully red 60					
width - 2 parts					
CH 0m + CH 530m					
CH 1330m to CH 1959m = 1159m					
2 x 10 x 30m x 1.00m = 600.00m ²					
2 x 7 x 30m x 1.00m = 420.00m ²					
2 x 20m x 1.00m = 40.00m ²					
2 x 10 x 30m x 1.00m = 600.00m ²					
2 x 10 x 30m x 1.00m = 600.00m ²					
2 x 29m x 1.00m = 58.00m ²					
2318.00m ²					
= 0.23 Hec.					
2 measurement					
10/12/23					
Continuation					
10/12/23					

2
Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	Record for audit - 11/12/23				
(*) Construction of Cut-B by paving with graded material - Grassy I					
(A) Paved Area Form between					
0m to CH 530m to CH					
1030m to CH 1950m.					
CH 0m to CH 530m =					
3m x 4m x 1.8m x 0.100m =					2.160m ³
4m x 5m x 1.60m x 0.100m =					3.200m ³
2m x 3m x 1.90m x 0.100m =					1.140m ³
4 x 6m x 2.10m x 0.100m =					5.04m ³
2 x 4m x 2m x 0.100m =					1.60m ³
3 x 3m x 1.50m x 0.100m =					1.350m ³
4 x 3m x 1.90m x 0.100m =					1.680m ³
3 x 2m x 1.80m x 0.100m =					1.08m ³
3 x 3m x 1.60m x 0.100m =					1.44m ³
2 x 4m x 1.90m x 0.100m =					1.520m ³
4 x 3m x 2.10m x 0.100m =					2.520m ³
between CH 1330m to CH 1950m.					
4 x 3m x 1.80m x 0.100m =					2.160m ³
3 x 5m x 2.20m x 0.100m =					3.30m ³
4 x 4m x 1.5m x 0.100m =					1.60m ³
3 x 3m x 1.20m x 0.100m =					1.08m ³
2 x 4m x 1.60m x 0.100m =					1.280m ³
3 x 3m x 0.700m x 0.100m =					0.630m ³
5 x 3m x 1.20m x 0.100m =					1.80m ³
4 x 5m x 1.20m x 0.100m =					2.40m ³

Continuation
c/o 36.98m³

[illegible]

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
✓		Recond Entry made			13/12/23
②	24	1.517	1.900	1.900	
	N.B.M. - Greedy 3 as per TIS				
①	put patch repair				
	from 04 to 04500m & 041330m to 041959m				
①	Area of patch repair				
	54-1	4m	1.90m	=	38.00m ²
	74-1	5m	1.60m	=	56.00m ²
	5	8m	1.90m	=	76.00m ²
	6	6m	2.10m	=	75.60m ²
	2	6m	2.00m	=	24.00m ²
	5	8m	1.50m	=	60.00m ²

4	5m	1.90m	=	28.00m ²
3	5m	1.80m	=	27.00m ²
3	3m	1.60m	=	14.40m ²
2	4m	1.90m	=	15.20m ²
4	3m	2.10m	=	25.20m ²
54-1	6m	1.80m	=	54.00m ²
34-1	5m	2.50m	=	33.00m ²
6	6m	2.40m	=	86.40m ²
7	4m	2.50m	=	70.00m ²
4	6m	1.80m	=	43.20m ²
7	5m	1.60m	=	56.00m ²
5	3m	1.20m	=	18.00m ²
4	5m	1.50m	=	24.00m ²
3	4m	1.10m	=	13.20m ²

Continuation

c/o

837.20m²

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			N/F -		837.20m ²
2 x 3m x	1.40m		=		8.40m ²
2 x 5m x	1.20m		-		12.00m ²
3 x 3m x	1.60m		=		14.40m ²
5 x 4m x	1.10m		-		22.00m ²
					897.00m²
Over the surface					
CH 1663m to CH 1690	27m				
27m x 3.75m x			→		101.25m ²
CH 1702m to CH 1716m					
19m x 3.75			→		52.50m ²
CH 1800m to CH 1890m					

$$(30m + 10m) \times 3.75m \rightarrow 150.00m^2$$

$$\text{Total Area} = 1197.75m^2$$

⑬ Quantity of patch repair -

$$1197.75m^2 \times 0.075 = 89.83m^3$$

20/5/23
13/12/23
AE

NIR
13/12/23
AE

Continuation

Sch.XLV-Form No. 134				Contents of area
Particulars	Details of actual measure			
	No.	L.	B.	D.
	Record Entry made to			14/12/23
7 5	ply 90 applying tack			
	Door case - (RSS) - TIS			
	Qty vide TEND Item No -			
1 4	(A)	Qty - (4) to (5) = 1197.75 m ²		
8 6	2 nos door 14/12/23 RSS NIKHIL 14/12/23 AE			
	Record Entry made to -			15/12/23
8 6	ply 90 applying tack			
	Case - (RSS) - TIS			

(A)	Qty vid	Tand	Stem	no.		
(1/4) (A)	Page no -	(4)	+	(5)	=	1197.75m ²
(B)	B.T. post no.					
	Between CH 00m to CH 500m					
	CH 1350m to CH 1959m					
	10m x 3.00m				=	30.00m ²
	3 x 25m x 3.40m				=	255.00m ²
	(14m + 18m + 20m) x 3.15m				=	163.80m ²
	4 x 25m x 3.20m				=	320.00m ²
	11m x 3.05m				=	33.55m ²
						802.35m ²

Continuation

(2/7) ✓ PM 200 laying 200 2011/12 of
 clear grade 2000 2000 2000
 — 20 20 20
 (patch work over 2000,
 2000 2000 2000 2000)
 quarterly vide 2000 2000 (1/6)
 Reg (1) + (7) → 2051.8102
 2000 2000
 15/12/20
 2000
 Nikl ^ P
 15/12/20
 2000

Continuation

$2 \times 2m \times \left[\frac{4m + 4m + 2.75 - 2.75m}{3} \right]$	$= 4.00m^2$
$6 \times 13.30m \times \left[\frac{\cancel{4.00} + 3.75 + 4.50 + 2.75 - 2.75}{3} \right]$	$= 19.95m^2$
$5 \times 12.90m \times \left[\frac{3.75 + 4.90 + 2.75 - 2.75}{3} \right]$	$= 14.83m^2$
TOTAL =	47.78
TOTAL ~ A + B	
	$= 3431.25 + 47.78m^2$
	$= 3479.03m^2$

Continuation

Continuation 86.99m²

2000000000
16/12/23
2000

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
✓ Rectangular by calculation					19/12/23
① ply on applying thickness and					
— (R/S) — T/S					
CH 915m + CH 1959m					
= 1049m					
10 x 30m x 3.75					1125.00m ²
10 x 30m x 2.75m					1125.00m ²
10 x 30m x 3.75m					1125.00m ²
4 x 30m x 3.75m					450.00m ²
24m x 3.75m					90.00m ²
Extra widening —					
4 x 12.15m x [3.75m + 3.90m + 3.75 - 3.75]					
= 2.43					
19m					
20m x [3.75m + 5.10 + 7.00 + 4.90 + 3.75 - 3.75]					
= 21.85m ²					
12.15m x [3.75m + 3.90 + 3.75 - 3.75]					
= 0.61m ²					
12.20m x [3.75 + 4.85 + 3.75 - 3.75]					
= 4.97m ²					
10m x [3.75 + 4.60 + 3.75 - 3.75]					
= 2.83m ²					
✓					3947.19m ²
②					
ply on laying semi circular					
Portulinar concrete —					
— in all respect,					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
C.H	915m	+ CH	19.59m		
			=	109.0m	
101 x 30m x	3.75m	x	0.025m		28.13m ³
104m x 30m x 3.75m		x	0.025 =		28.13m ³
10 x 50m x 3.75m		x	0.025 =		28.13m ³
4 x 50m x 3.75m		x	0.025 =		11.25m ³
24m x 3.75m		x	0.025m =		2.25m ³
Exc for widening -					
4 x 12.15m x [3.75 + 3.90 + 3.75 - 3.75]					
			3		
			x 0.025m =		0.060m ³
19m x [3.75m + 5.10m + 7.00 + 4.90 + 3.75 - 3.75]					
			5		
			x 0.025m =		0.55m ³
12.15m [3.75 + 3.90 + 3.75 - 3.75]					
			3		
			x 0.025m =		0.02m ³
12.20m x [3.75 + 4.85 + 3.75 - 3.75]					
			3		
			x 0.025m =		0.11m ³
10m x [3.75m + 4.60m + 3.75 - 3.75]					
			3		
			x 0.025m =		0.07m ³
					98.70m ³
210025 m ³ 19/12/2022 (17/11/22)					
Nikhil					
17/12/22					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
		Received by select			20/12/23
(1) Rice in 15 grade Kharif					
— 10m star					
— 3 Nur					
(2) 200 m star					
= 8 Nur					
(3) 100 gms Biry of 1000					
primary & secondary sign Dec					
= 3 Nur					
(4) 100 gms Biry of 1000 - substandard					
— 500 mms equivalent of 1000					
= 8 Nur					

(5) 6000m circular					
= 6 Nur					
(6) 6000m x 4500m Rectangular					
= 9 Nur					
(7) Rec. in 15 grade Biry					
primary = 24 Nur					
(8) planting of trees by 14000 mms					
— for one year					
= 60 Nur					
✓ (9) Road marking with hot					
applied thermoplastic material					
— for 5000 mms					
Ruler					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
CH 0m to CH 1959m = 1959m					
$2 \times (10 \times 30m \times 0.100m)$					60.00m ²
$2 \times (10 \times 30m \times 0.100m)$					60.00m ²
$2 \times (10 \times 30m \times 0.100m)$					60.00m ²
$2 \times (10 \times 30m \times 0.100m)$					60.00m ²
$2 \times (20 \times 30m \times 0.100m)$					120.00m ²
$2 \times (3 \times 50m \times 0.100m)$					30.00m ²
$2 \times (9m \times 0.100m)$					1.80m ²
					679.04 - 391.80m ²
⑨ constant subgrade earthen shoulder - 1/5					
⑩ CH 0m to 5300m -					

$2 \times (10 \times 30m \times \frac{0.975 + 1.275}{2} \times 0.30m)$					202.50m ²
$2 \times (6 \times 30m \times \frac{0.975 + 1.275}{2} \times 0.30m)$					121.50m ²
$2 \times (1 \times 30m \times 1.00m \times 0.30m)$					18.0m ²
$2 \times 20m \times \frac{0.975 + 1.275}{2} \times 1.30m$					13.50m ²
					355.50m ²
Deduction due to bridge Length = 32.90m					
$2 \times 32.90m \times 1.125m \times 0.30m (-)$					22.21m ²
⑪					04 - 333.29m ²
⑬ CH 530m to CH 1330m					
Length = 800m					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$2 \times (10 \times 31m \times 0.875m \times 0.25m)$					$= 131.25m^2$
$2 \times (10 \times 30m \times 0.875m \times 0.25m)$					$= 131.25m^2$
$2 \times (6 \times 20m \times 0.875m \times 0.25m)$					$= 78.75m^2$
$2 \times 20m \times 0.875m \times 0.25m$					$= 8.75m^2$
					/
					$(B) \rightarrow 350.00m^2$
$(C) CH 1330m \text{ to } CH 1959m$					
					$= 629m$
$2 \times (10 \times 20m \times 0.975m + 1.275 \times 0.30m)$					$= 202.50m^2$

$2 \times (10 \times 20m \times 0.975 + 1.275 \times 0.30m)$					$= 202.50m^2$
$2 \times 29m \times 0.975 + 1.275 \times 0.30m$					$= 19.58m^2$
					/

$(C) \rightarrow 424.58m^2$

Total subgrade = A + B + C

$$= 333.29m^2 + 350.00 + 424.58m^2$$

$$= 1107.87m^2$$

20/12/2023
20/12/2023
20/12/2023

Nikhil
20/12/23

Continuation

1st on 13/10/2011

16

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Sch.XLV-Form No. 134					Contents of area
Particulars	Details of actual measure				
	No.	L.	B.	D.	
Name of work -	Construction of mandir				
as per plan No -	N/20-21 Darbhanga -				
2/01. " TOG to Agayabur" system					
Signature	B. K.				
Agency -	S. S. Amit Kumar Patel.				
Agreement No -	147-20/2023-24				
Date of start -	24/08/2023				
Date of completion -	23/05/2024				
Rate -	107. Below				
<u>ABSTRACT OF COST</u>					
All measurements are taken					
under work					

(1) Clearing of scrubby areas					
--- parts					
P- (1) = 0.23 Hae ✓					
C.R. 53879 = 81/Ha Pp 12,392-					
(2) Construction of Subgrade					
earth shoulder --- T/S					
P- (2) (13) to (14) = 407.87 m ³					
@ R. 192 = 31/m ³ → R. 2,13,054-					
(3) Construction of C.R.B. for paving					
well grade Graded 5 m ³					
P- (2) to (3) = 73.87 m ³					
unit 4.57.26 m ³					
@ R. 2880 = 50/m ³ → R. 1,64,926-					
R. 2880 = 50					

Continuation

c/o R. 390,372-

Continuation

Continuation

$\frac{15}{16}$

Rec M15-grade boundary

Pt/Low - TIS

$P - \textcircled{10} = : 29774$

@ R 552 ✓ / 97 / cont → R 13,271 ✓

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			Off R	39,41,87520	
Add G.R.T.	18%		Ch R	7,09,53820	
				2,109,53200	
Add L.C.P.	1%		Ch R	39,41,87520	
Add S.P.			Ch R	30,40,3200	
10% off R				30,40,3200	
			T.O.R	47,21,23820	
				47,21,23100	
Less 10% B.R.			Ch R	4,72,12420	
				4,72,12300	
			T.O.R	42,49,11400	
				42,49,10800	
20/12/2023			Nikhil		
			20/12/23		
			ABG		

Material used			
(1) Soil	=	1107.87m ³	
@ R	34=81/m ³		→ R 38,56520
(2) G.S.B material			
53mm to 9.5mm	=	34.36m ³	
@ R	620=62/m ³		R 21,32520
9.5mm to 2.0mm	=	13.74m ³	
@ R	514=58/m ³		R 7070200
Spd - 2/20.61m ³			
@ R	175=80/m ³		R 3623200
(3) W.D.M. Gr 3			
53mm to 2.0mm	=	91.98m ³	
@ R	511=94/m ³		R 9709220
✓ Screed material	=	18.24m ³	
@ R	397=73/m ³		R 7255200

Continuation

c/o R 1,24,88020

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			B7F-R	1	24880-00
(4) M.S.S. - stone course aggregated -			59-96m ³ /		
@ R 523 = 37/m ³ → R					31,381-00
S.D.P.C -					
7.5mm to 4.75mm =			154.69m ³		
@ R 582 = 80/m ³ → R					90153-
4.75mm to 2.0mm =			111.27m ³		
@ R 251 = 35/m ³ → R					27,968-
Filler -			8.20m ³		
@ R 3615 = 82/m ³ → R					29650-
					R 304032-00

⑥				
Bitumen emulsion (15%)	=	0.870 MT		
Bitumen emulsion (2.2)	=	2.661 MT		
Bitumen (5-90)	=	25.234 MT		
Wash plaster	=	0.339 MT		
150 20-12-22	Required	Given	Bal.	
G.S.B	200.00	466		
DUST	18.24	18.24		
Coarse sand 20-60		727.74		
		20.60		
Eco Roadity	=	36560		
15-2-22		+ 12501.20		
14-2-22		37790		

Continuation

971
28.63363

18% GST
2426579
2426579

2863363

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
SD					143168=
ST					28634=
CGST					24266=
SGST					24266=
Ref					37790=
SF					21282=
LC					28634=
		Del.			308040=
		By PLD			255532=
		Gross			2863363=
Paved for AS 2863363=					
(Twenty eight Lacs					
Sixty three thousand					

Three hundred sixty three

Executive Engineer
R.W.D. (N) Division
Darbhanga-2

15/12/24

15/12/24

Monthly Gst Return file up to Dec-23

Bill Ref no
20240219106548
19/12/24

Continuation

24

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Measurement	—				
N/S L	—				
20/02/2024					
2nd of FRO (M77)					
1/6 - introduction of new work					
Package No. MR-14/20-21/2024					
2/61 (T02 to Agency for)					
under structure work					
Agreement for first part of work					
Agreement No. 14MAD/2023-24					
Date of start - 24/08/2023					
Date of completion - 23/05/2024					
ABSTRACT OF COST					
All measurements are taken					
under TMD					
① clearing and grubbing work					
including up to - 1/5					
P. (10) - 0.23111					
Q R 53879.81/111 R 12,392					
② constant ridge road					
earthwork - 1/5					
P. (16) - 1107.57 m					

Continuation

C.R. 192.31 / m²

$\rho = 2.13, 054 -$

C10 R, 2,25,996-

Continuation

Continuation

Continuation

Continuation

1227156:

9965 -
memo of payment

Sch.XLV-Form No. 134

Continuation

1172887 :
1047221: 2nd and final bill

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
SD					58644:
ST					11729:
CGST					10472:
SGST					10472:
Ruf	already deducted				
SP					30403
LC					11729:
			Ded.		133449:
			By PLPD		1039438:
			Corrns.		1172887:
			Parse for		1172887:
			Seven		Two
			Eight		Eight
			Seven		Seven

Executive Engineer
R.W.D. (W) Division
Darbhanga-2

13.3.24

19.2.24

Bill Ref No
20240320182417

20/3/24

Continuation