

Name of work- RFO Road to Chandli

Schedule XLV-Form No. 134

(No.M.Po-2018)

Darbhanga-2 DIVISION

Keonthi

SUB-DIVISION

M.B.No-1454

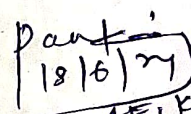
Agency- Sri Anish Kumar Tiwari

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इस मापा पुस्तक में
कुल 100 (पन्ने) टंकित हैं जिस के
सहायक अभियंता श्री पंकज कुमार
ग्रामीण कार्य विभाग कार्य अवर प्रमंडल
के नाम से निर्गत किया जाता है


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

Re-issued to Mr. Ravish Kumar,
JE, Keoti


18/6/24
AEI Keoti

Sch. XLV-Form No. 134

Darbhanga-2 DIVISION

Keoti SUB-DIVISION

Measurement Book

No. 1454

Name of officer Sri. Pankaj Kumar

A.E. Keoti

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 -					
			REO	Road To	
				Chandi	
Agency -				Sri Mish Tiwari	
Ag. No -				01MBD/2024-25	
Packet No -				MR-N/23-24	
				Dashherga 2/07	
D.O.S -				18.06.2024	
D.O.C -				17.03.2025	
1. Clearing & Grubbing					
Road land					

3	X 2	X 30	X 0.500	= 90
2	X 2	X 30	X 0.500	= 60
5	X 2	X 30	X 0.500	= 150
4	X 2	X 30	X 0.500	= 120
6	X 2	X 30	X 0.500	= 180
3	X 2	X 30	X 0.500	= 90
6	X 2	X 30	X 0.500	= 180
1	X 2	X 30	X 0.500	= 30
3	X 2	X 30	X 0.500	= 90
7	X 2	X 30	X 0.500	= 210
5	X 2	X 30	X 0.500	= 150
4	X 2	X 30	X 0.500	= 120
1	X 2	X 25	X 0.500	= 25
				1495

Continuation

$$\frac{1495}{10,000}$$

$$= 0.149 \text{ ha}$$

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2. Providing & fixing Masonry in formwork sign board					Qty = 2 NO
3. Scratching the new bituminous surface					
1 x 17 x 3.75					= 63.75
4. Construction of G.S.P. with well graded Material					
18 x 3.75 x 0.100					= 6.75
15 x 3.75 x 0.100					= 5.63

					12.38
Ramp	2010612024	2010612024	2010612024	2010612024	2010612024
5. Providing & laying spher w.b.M G-II					
30 x 3.75 x 0.075					= 8.43
3 x 3.75 x 0.075					= 0.84

Continuation

9.27 m³

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2 Construction of dry					
lean cement concrete					
2. L.C.C					
3 X 5 X 2.0 X 0.100 =	3				3
4 X 3 X 3.5 X 0.100 =	4				4.2
7 X 3 X 2.9 X 0.100 =	7				6.09
4 X 3 X 1.5 X 0.100 =	4				1.8
5 X 3 X 2.2 X 0.100 =	5				3.3
4 X 7 X 2.10 X 0.100 =	4				5.88
3 X 5 X 2.80 X 0.100 =	3				3.75
3 X 6 X 2.10 X 0.100 =	3				3.78
5 X 4 X 1.5 X 0.100 =	5				3.0

5 X 5 X 1.65 X 0.100 =	5				4.12
2 X 5 X 1.80 X 0.100 =	2				1.8
3 X 6 X 2.30 X 0.100 =	3				4.14
3 X 4 X 1.90 X 0.100 =	3				2.28
3 X 5 X 1.80 X 0.100 =	3				2.7
1 X 3 X 1.50 X 0.100 =	1				0.45

Qty 50.29m³

Rev/Am
25/06/2024
2-8

Rev/Am
25/6/24
AE

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
1 construction of panel					
Concrete P.C.C.					
Pavement do -					
	6x	8.2 + 4.10		x 0.100 =	3.69
		2			
	30x	3.75		x 0.100 =	11.25
	7x	3.75		x 0.100 =	2.625
	17x	5.40 + 4.90 + 4.80			
		3		x 0.100 =	8.55
	30x	3.75		x 0.100 =	11.25
	20x	3.75		x 0.100 =	7.5
	6x	3.40		x 0.100 =	2.04
	4x	30		x 3.75 x 0.100 =	45
	6x	30x		3.75 x 0.100 =	67.5
	10x	30		x 3.75 x 0.100 =	112.5
	1x	12		x 3.75 x 0.100 =	4.5
	3x	30		x 3.75 x 0.100 =	33.75
	1x	15		x 3.75 x 0.100 =	5.625
	1x	8		x 3.75 + 6.90 + 5.70	
				+ 3.75	
				4 x 0.100 =	4.03
	1x	10		x 3.4 + 3.30	
				2 x 0.100 =	3.35
	1x	25		x 3.75 x 0.100 =	9.375
	2x	30		x 3.75 x 0.100 =	22.5
	1x	8		x 5.5 + 3.75	
				x 0.100 =	3.7

Continuation

$$3 \times 30 \times 3.75 \times 0.100 = 33.75$$

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					Abstract of cost
					1st on A/c bill
Name of work - Reo Road To					
Chandli					
Agency -					sri Anish Tiwari
App No -					01 MBD/2024-25
Package No -					MR-N/23-24
					Drs. Bhangge 2/07
D.O.S -					18.06.2024
D.O.C -					17.03.2025
1) clearing and grubbing					

Road land

Qty = 0.149 ha vide TMB P.No

@RS 76926.080 Rs = 11462

2) Providing & fixing MK

M.M.B.S.Y. information sign

Qty = 2 No vide TMB P.No 2

@RS 15057.550 Rs = 30115

3) Scrapping the existing

bitume Surface

Qty = 63.75 m² vide TMB P.No

@RS 20.540 Rs = 1309

4) construction of G.S.B

with well spread in

Qty = 12.38 m³ vide TMB P.No 2

Continuation

@RS 3441.770 Rs = 42609.

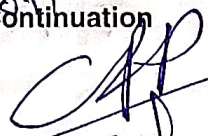
Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
5) Roofing, laying composition w. B.M 6-11					
Qty = 9.27 m ³ vide TMB fine					
@ Rs 4794.800 Rs					44448=
6) Construction of dry lean cement con d.L.C					
Qty = 50.29 m ³ vide TMB fine					
@ Rs 5815.50 Rs					292474=
7) Construction of Panel Concrete P.C.C Panel do-					

Qty = 567.33 m ³ vide TMB fine					
@ Rs 98					
9583-110 Rs					5436785=
					Rs = 58,59,202=
Add 18% G.S.T (+)					1054,656=
Add 1% L.C (+)					58592=
S.F (+)					70153
					70,42,603=

14.86% below as per Agr (-)					10,46,531=
					59,96,072=

Revd 24/07/2024					
Revd 12/07/2024					

Continuation

 18/7/24

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	material statement				
		b.s.b = 12.38 m ³			
Metal	53 to 9.5	7.428 @	931.75 Rs		6921 =
	9.5 to 2.31	2.97 @	429.97 Rs		1277 =
Sand		4.456 @	502.80		2241 =
		W.B.M b-III = 9.27			
metal	53 to 22.7	1121 @	1100.4 Rs		12339 =
Stone	2.22 @	429.97 Rs			957 =
		D.L.C.C = 50.29 m ³			
		Sand = 22.63 @ 502.80 = 11379 =			
	20mm agg	27.156 @	1207.76		32799 =

Paving corner Price = 567.33				
Sand		255.29 @	502.80	128364.2
Metal				
20 mm agg		317.70 @	1207.76	383705.2
10 mm agg		204.2 @	595.16	121555.2
				701537.2
Ranvir				
12/07/2024				
T.V.				
L.No - 86				
Det - 24/07/24				
Rd - 5996072				

Continuation

Continuation

2nd & Final Bill

11

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name of Work	→ M/R of Road				
	From REO Road to chandli				
	under Head 3054				
Agency	— Sri Arish Tiwari				
Agreement No	— 01/MEO/2024-25				
	Darbhanga-02/17				
Date of Start	— 18-06-2024				
D.O.C & Per Agreement	— 17-03-2025				
Item of work					
1] Construction of Sub-grade					
& Earthen Shoulder with					
approved material	—				
do	— all Comp-Job				
	02	10	15	0.80	0.250m = 60.00
	02	10	15	0.750	0.250 = 56.25
	02	10	15	0.875	0.250 = 65.62
	02	10	15	0.80	0.250 = 60.00
	02	10	15	0.700	0.250 = 52.50
	02	10	15	0.750	0.250 = 56.25
	02	10	15	0.800	0.250 = 60.00
	02	01	08	0.750	0.250 = 3.00
	02	10	15	0.650	0.250 = 48.75
					462.37
					m3
02] PW & Fining m-15 grade					
11 Km Stone	= 03 No				

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(11) 206 m Stone					
= 0.5 No					
@ 784					
(12) P/V & Fixing of Road Shield					
Installed in concrete -					
do - all complete job					
01 x 68 No = 68 No					
(13) P/V & Fixing of Retro-reflective					
Cautionary, mandatory & information					
Sign Board - do - all					
Complete Job					
(14) 600mm equilateral x triangle					
= 0.6 No					
(15) 600mm Circular					
= 0.6 No					
(16) 600mm x 450mm Rectangular					
= 0.4 No					
(17) P/V & Fixing of 15 grade					
Boundary Pillar - do					
- all complete job					
= 12 No					
(18) Providing & Fixing of Logo					
of maintenance Project					
do - all comp. job					
= 0.1 No					

Raw
21-10-24
J.E

Continuation

Raw
21/10/24
J.E

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
[07] Providing & laying of hot applied Thermoplastic compound with Reflecting Glass Beads - do - all complete Job.					
$02 \times 10 \times 30 \times 0.10 \text{ m} = 60.00$					
$02 \times 10 \times 30 \times 0.10 = 60.00$					
$02 \times 10 \times 30 \times 0.10 = 60.00$					
$02 \times 10 \times 30 \times 0.10 = 60.00$					
$02 \times 10 \times 30 \times 0.10 = 60.00$					
$02 \times 01 \times 05 \times 0.10 = 1.00$					
					301.00
					Sq-m

Rev
22-10-24
J.E

part
22/10/24
AE

[08] Plastering with cement Mortar (1:4) on Back work in Sub-Structure - do - all complete Job

Side Face $\rightarrow 02 \times 4.00 \text{ m} \times 6.00 \text{ m} \times 0.60 \text{ m} = 28.80$	
Top $02 \times 02 \times 6.00 \text{ m} \times 0.40 \text{ m} = 9.60$	
Front Face $\rightarrow 02 \times 4.00 \text{ m} \times 0.40 \text{ m} \times 0.60 \text{ m} = 1.92$	
	40.32
	Sq-m

[09] Painting two coat on Plastered surface of Sub structure - do - all complete Job
Same Area as in Item No. (08) = 40.32 Sq-m

Rev
13-11-24
J.E

Continuation

part
13/11/24
AE

Abstract of Est

14

Sch.XLV-Form No. 134

Particulars	Details of actual measurements				Contents of area
	No.	L.	B.	D.	
01/01 Clearing & Grubbing Road Land by manual means including uprooting wild vegetation - - - all complete Job Area vide TMB - 01 = 0.149 Hec Vide TMB @ 76926 = = 7211462 = 00					
02/02 Construction of Sub-grade & Earthen Shoulders with approved material obtained from borrow pits					
Qty vide Page No - 11 = 462.87 cum @ ₹ 261 = 51/cum = 72126914 = 00					
03/03 Scarifying the existing RT Surface to a depth of 150mm vide P-02 = 6375 M ² @ ₹ 20 = 54/M ² = 721309 = 00					
04/04 Construction of CRB with Well graded material Qty vide Page No (62) = 12.38 M ³ @ ₹ 3441 = 770/M ³ = 7242609 = 00					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
05/25 P.V. Laying, Spreading & Compacting WBM - 150 mm					
Qty vide P-02					
= 9.27 m ³					
@ ₹4784 = 800/m ³					→ ₹44448 = 00
06/06 Construction of Dry lean concrete Sub-base over a prepared Sub-grade					
Qty vide P-07					
= 50.29 m ³					
@ ₹5815 = 75/m ³					→ ₹292474 = 00
07/07 Construction of Panel Concrete P.C.C Pavement					
Qty vide P-05 & 06					
= 567.33 m ³					
@ ₹9583 = 11/m ³					→ ₹5436785 =
08/08 P.V. & Fining m.s. grade 100 mm Stone					
Qty vide P-11 = 03 No.					
@ ₹3148 = 46 Each					→ ₹9445 = 00
09/09 200 mm Stone = 03 No.					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
@ ₹849 = 59 Each → ₹4248 = 00					
10/10 P/V & Fixing of Road Stud Installed in concrete Vide-P-12 = 68 No					
@ ₹294 = 67 Each					
→ ₹20038 = 00					
11/11 P/V & Fixing of typical mm GSY Informatory Sign Board Vide-P-08 = 02 No					
① Vide-P-12 stem ⑤ = 01 No 03 No					
@ ₹15057 = 35 Each → ₹45173 =					
12/12 P/V & Fixing of Retro-reflective Cautionary, mandatory & Informatory Sign Board - do all Comp. Job Vide-Page No-12 stem No ④					
① 600mm equilateral triangle = 06 No					
@ ₹3734 = 52 Each → ₹34407 = 00					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
13/18] ① 600mm Circular = 06 No.					
@ ₹ 7302 = 33 Each					₹ 43814 = 00
14/18] ② 600mm x 450mm Rectangular = 04 No.					
@ ₹ 7141 = 83 Each					₹ 28367 =
15/18] P/V & Laying of M-5 grade Boundary Pillar					
= 12 No.					
@ ₹ 742 = 96 Each					₹ 8916 =
16/18] P/V & Laying of hot applied thermoplastic compound vide - P-13, Item No. ①					
= 301 Sq.m					
@ ₹ 712 = 25 Each					₹ 214388 = 00
17/18] Plastering with cm(1:4) in Sub-structure.					
vide - P-13, Item No. ①					
= 40.32 Sq.m					
@ ₹ 228 = 80 / Sq.m					₹ 92252 = 00
18/18] Painting Two coat including Primer Coat					

Continuation

[illegible]

Continuation

Up to Date SF calculation

19

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
SLN/atom	Quantity	Rate			Amount
01 Sub grade	462.37	35=25			16289=
02 CmsB	12.38m ³	843=25			10439=
03 WBM	9.27m ³	1434=24			13295=
04 S.LC	50.29	878=45			44177=
05 PCC	567.33m ³	1092=71			619327=
06 Plaster	40.32	527=94			21287=
	89m				1
					₹725424=

S.F → 10% of 725424

Raw 13-11-24
72542=0

Up to Date Material Statement

1) Stone metal	→ 22.21 cum
11) C. Sand	→ 289.70 cum
11) Screening material	→ 2.20 m ³
17) Stone Chips	→ 556 m ³
12) Earth work	→ 462.85 m ³
Raw	
13-11-24	
J-E	

Certify that work has been

Completed date on - 13-11-24 as per Specification

Rate 1.500 KM

1) Constructed Length - 1.500 KM

11) Connected Habitats → 01 No

11) No of Planted trees - 0

Raw 13-11-24
Continuation
Bill Value - ₹6603630=0
J-E