

Name of Road → Bihata Railway Crossing to Alipura
2 km JMT

Schedule XLV-Form No. 134

Executive Engineer R.W.D. Works DIVISION

Rakhiyarpur SUB-DIVISION

Measurement Book

No - 7575

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.	

3rd of 1/c Bill

Name of work: - Repair & five year maintenance of road from Bihra Railway Crossing to Alipus Bihra Road under BOSH MR

Agency - Ranjeet Kumar Alankar, Kachi Dargah, Didarganj Patna - 800001

Agreement no - 23/M/30/28-27

Rate Approved - 0.01 % Below.

Date of commencement, 23/03/23

Date of completion - 22/12/23

Date of measurement, 11/12/20

Work done

Item ① clearing & repaving road (app. do. etc)

$$2 \times 10 \times 30.00 \times 1.125 = 675.00 \text{ m}^2$$

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$$2 \times 4 \times 30.00 \times 1.125 = 270.00 \text{ m}^2$$

$$2 \times 1 \times 25.00 \times 1.125 = 56.25 \text{ m}^2$$

$$3026.25 \text{ m}^2$$

$$\therefore \text{Hed} = 3026.25 \text{ m}^2 / 10000 = 0.303 \text{ Hect}$$

Continuation

PTD

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd & final bill					
Name of work: - Repair & five year maintenance of road from Bihla Railway crossing to Alipur Bihla road under 3054 m²					
Agency: - Ranisat Kumar Alipur, Kachhi Bazar, Dikarganj, Patna - 800251					
Agreement no - 23/MSD/22-23					
Rate approved - 0.01 % below.					
Date of commencement - 23/03/23					
Date of completion - 22/12/23					
actual date of completion - 11/12/23					
Work done - Nil					
19/03/24 J.E.					
19/03/24					
ABSTRACT OF COST					
(1) clearing & grubbing road land - do - etc					
0.303 Met. wide T.M.B.P. (14)					
@ Rs 71279 = 84 Met = ₹ 21598 = 00					
Chk ₹ 21598 = 00					

Continuation

PTO

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				13f 2	1598=00
(2) Excavation for road					
way in soil by manual					
means... do - do - etc.					
17.275 m ³ vide T.M. P. (14)					
@ ₹ 99 = 14/m ³ —				₹	1718=00
(3) Construction of embank.					
ment with approved ma-					
terial obtained from bo-					
row pits - do - etc.					
230.54 m ³ vide T.M. P. (14)					
@ ₹ 250 = 951/m ³ —				₹	57854=00
(4) Construction of 546-					
- grade & earthen show-					
- do - do - do - etc.					
621.225 m ³ vide T.M. P. (14)					
@ ₹ 252 = 111/m ³ —				₹	156617=00
(5) Construction of G.S.B.					
Gr-II by prov. wall					
graded material. to etc.					
61.009 m ³ vide T.M. P. (14)					
@ ₹ 2280 = 149/m ³ —				₹	139130=00
(6) Prov. laying, spreading					
& compacting stone agg.					
regulates of specific kinds					
to work exp. i - do - etc.					
				13f 3	76917=00

Continuation

PTD

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF	₹ 376917=00
26m @ 1001d. (WOM gr. 1)					
19.04m ³ vide Tm B P- (15)					
@ ₹ 4994 = 30/m ³ —					₹ 95891200
(7) Prov. laying & spreading					
& compacting stone agg-					
-regate of specific sizes					
to 100mm gr. 11. do. etc					
123.56718m ³ vide Tm B P- (15)					
@ ₹ 4568 = 37/m ³ —					₹ 564501=80
(8) Prov. & applying primer					
coat with bitumen emul-					
-30mm (SS-1) - do. etc					
1365.93m ² vide Tm B P- (15)					
@ ₹ 55 = 74/m ² —					₹ 76137=00
(9) Prov. laying & rolling					
of close graded premix					
surfacing material of					
20mm thickness - do. etc					
1365.93m ² vide Tm B P- (15)					
@ ₹ 242 = 59/m ² —					₹ 931361=00
(10) Prov. & applying					
tack coat with bit-					
umen emulsion					
(RS-1) - do. etc					
1365.93m ² vide Tm B P- (16)					
@ ₹ 18 = 88/m ² —					₹ 25789200
@ ₹ 1469796=00					

Continuation

PTD

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1317 1469796=00
(11) Prov. & applying tack coat with bitumen emulsion (RS-1) - do - do - etc.					
136593 m ² side Tm B.P. - (16)					
@ ₹ 15=74/m ² —					₹ 21500=00
(12) Prov. & Laying 503C with 100-120 TPH biter type m.p. - do - do - etc.					
34.15 m ³ side Tm B.P. - (16)					
@ ₹ 12233=41/m ³ —					₹ 417942=00
(13) Construction of Dry lean cement concrete					
Sub base - do - etc.					
42.6564 m ³ side Tm B.P. - (16)					
@ ₹ 4287=93/m ³ —					₹ 182907=00
(14) Construction of panel concrete, R.C.C. pavement - ent m. 30 thick - do - etc.					
495.99 m ³ side Tm B.P. - (16)					
@ ₹ 8506=95/m ³ —					₹ 3622725=00
(15) Construction of Reinforced R.C.C. pavement m. 30 grade do etc.					
42.41 m ³ side Tm B.P. - (17)					
@ ₹ 7361=08/m ³ —					₹ 312183=00
					cl @ ₹ 6027053=00

Continuation

PTD

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				DF ₹ 60,2705000	
(16) R.O. Com. 15 grade					
km. Stone -- do -- etc.					
(11) km. Stone					
3.00 nos. vide T.M.B.P. - (17)					
@ ₹ 2822.06/each - ₹ 8466.00					
(iii) 200 M. Stone					
5.00 nos. vide T.M.B.P. - (17)					
@ ₹ 795.42/each - ₹ 3977.00					
(17) Prov. & erecting dir.					
ation 2 place 9 identi-					
-fication retro reflected					
sign -- do -- do -- etc.					
3.84 m ² vide T.M.B.P. - (17)					
@ ₹ 1373.11/m ² - ₹ 53495.00					
(18) Prov. & fixing of retro					
reflected cautionary					
mandatory & Informatory					
sign -- do -- do -- etc.					
(i) 600mm sq. 8 to angle					
20.00 nos. vide T.M.B.P. - (17)					
@ ₹ 4170.14/nos - ₹ 83403.00					
(ii) 600mm Circular					
4.00 nos. vide T.M.B.P. - (18)					
@ ₹ 5597.73/each - ₹ 22391.00					
				CF ₹ 619878500	

Continuation

A.T.O.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				13/12	61,987.85
(18) 6.00 x 4.50 mm rectangular					
6.00 nos. vide Tm B.P. (18)					
@ ₹ 515.563/each					₹ 30,910.50
(19) 9.00 mm wide octagon					
1.00 nos. vide Tm B.P. (18)					
@ ₹ 9970 = 41/each					₹ 9970.00
(20) R.C.C. m-15 grade beam					
- slany pillar - do - etc.					
24.00 nos. vide Tm B.P. (18)					
@ ₹ 648 = 41/each					₹ 15,562.00
(21) Printing new letter					
& figures - do - etc.					
17.00 nos. vide Tm B.P. (18)					
@ ₹ 71/Pch pt					₹ 1205.00
(22) Prov. & laying of hot					
applied thermoplastic					
compound - do - etc.					
10 T-73.00 m ² vide Tm B.P. (18)					
@ ₹ 821 = 96/m ²					₹ 59,952.00
Pedestrian crossing.					
12.00 m ² vide Tm B.P. (18)					
@ ₹ 821 = 96/m ²					₹ 9855.00
old C.C. portion					
182.00 m ² vide Tm B.P. (18)					
@ ₹ 853 = 78/m ²					₹ 1,55,988.00
					@ ₹ 6482347 = 00

Continuation

PTD

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				OF ₹ 64,82,347=00	
(22)	Prov. & fixing of				
	- local masonry in for				
	- masonry sign board with				
	'logo'... do - do - etc				
3.00 m ³ wide T m B P - (19)					
₹ 11005=28/each ₹ 33016=00					
(23)	Painting two coats				
	including primer coat				
	after filling the surface				
	with synthetic enamel				
	paint... do - do - etc				
36.48 m ² wide T m B P - (19)					
₹ 125=85/m ² ₹ 4591=00					
(24)	Plastering with i. m.				
	(1:4) in substrate				
	... do - do - do - etc				
36.48 m ² wide T m B P - (19)					
₹ 182=77/m ² ₹ 6667=00					
(25)	Brick masonry work				
	in c. m. 1:3 in parapet				
	... do - do - do - etc				
5.18 m ³ wide T m B P - (20)					
₹ 6374=26/m ³ ₹ 33019=00					
(26)	Prov. & laying of a/c pipe				
	duct 300 mm dia across				
	the road... do - do - etc				
				₹ 6559640=00	

Continuation

Continuation