

3054/MR

Maint. & Repair of Road from Barua
Balua Path to Gogpur under Fathu Block

Schedule XLV-Form No. 134

Navoday Kumar

E. E. R. W. D. Works

DIVISION
Pathu

Fathu

SUB-DIVISION

Measurement Book

7625

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.	
	157	on A/c Bill			
Name of work -	Repair & five years				
	maintenance of Road				
	from Baranagar Bypass				
	Path to Ghyaspur Impds				
	3054 m ² .				
Agency -	Navin kumar GILL P.O.				
	A-17A, Chandrabhan Tolse,				
	P.O. - Haidar Block - Mohan				
	Dist. Patna, Bihar.				

Agreement no. 29/0130/23-24
 Rate Approved - 12% Below
 Date of commencement - 05/08/23
 Date of Completion - 04/05/24
 Date of measurement - 01/12/23.

Work done
 Item (1) clearing & grubbing
 road land etc etc
 $2 \times 9 \times 30.00 \times 1.00 = 540.00 \text{ m}^2$
 $2 \times 1 \times 10.00 \times 1.00 = 20.00 "$
 560.00 m^2
 in Hect = $560.00 \text{ m}^2 / 10000 = 0.056 \text{ Hect}$

Continuation

PTD

H.S. & L. FORM No. 100				Contents of area
ITEMS	QTY	UNIT	MEASUREMENT	
1. 100 mm thick concrete	1.00	m ³	1.00	
2. 100 mm thick concrete	1.00	m ³	1.00	
3. 100 mm thick concrete	1.00	m ³	1.00	
4. 100 mm thick concrete	1.00	m ³	1.00	
5. 100 mm thick concrete	1.00	m ³	1.00	
6. 100 mm thick concrete	1.00	m ³	1.00	
7. 100 mm thick concrete	1.00	m ³	1.00	
8. 100 mm thick concrete	1.00	m ³	1.00	
9. 100 mm thick concrete	1.00	m ³	1.00	
10. 100 mm thick concrete	1.00	m ³	1.00	
11. 100 mm thick concrete	1.00	m ³	1.00	
12. 100 mm thick concrete	1.00	m ³	1.00	
13. 100 mm thick concrete	1.00	m ³	1.00	
14. 100 mm thick concrete	1.00	m ³	1.00	
15. 100 mm thick concrete	1.00	m ³	1.00	
16. 100 mm thick concrete	1.00	m ³	1.00	
17. 100 mm thick concrete	1.00	m ³	1.00	
18. 100 mm thick concrete	1.00	m ³	1.00	
19. 100 mm thick concrete	1.00	m ³	1.00	
20. 100 mm thick concrete	1.00	m ³	1.00	
21. 100 mm thick concrete	1.00	m ³	1.00	
22. 100 mm thick concrete	1.00	m ³	1.00	
23. 100 mm thick concrete	1.00	m ³	1.00	
24. 100 mm thick concrete	1.00	m ³	1.00	
25. 100 mm thick concrete	1.00	m ³	1.00	
26. 100 mm thick concrete	1.00	m ³	1.00	
27. 100 mm thick concrete	1.00	m ³	1.00	
28. 100 mm thick concrete	1.00	m ³	1.00	
29. 100 mm thick concrete	1.00	m ³	1.00	
30. 100 mm thick concrete	1.00	m ³	1.00	
31. 100 mm thick concrete	1.00	m ³	1.00	
32. 100 mm thick concrete	1.00	m ³	1.00	
33. 100 mm thick concrete	1.00	m ³	1.00	
34. 100 mm thick concrete	1.00	m ³	1.00	
35. 100 mm thick concrete	1.00	m ³	1.00	
36. 100 mm thick concrete	1.00	m ³	1.00	
37. 100 mm thick concrete	1.00	m ³	1.00	
38. 100 mm thick concrete	1.00	m ³	1.00	
39. 100 mm thick concrete	1.00	m ³	1.00	
40. 100 mm thick concrete	1.00	m ³	1.00	
41. 100 mm thick concrete	1.00	m ³	1.00	
42. 100 mm thick concrete	1.00	m ³	1.00	
43. 100 mm thick concrete	1.00	m ³	1.00	
44. 100 mm thick concrete	1.00	m ³	1.00	
45. 100 mm thick concrete	1.00	m ³	1.00	
46. 100 mm thick concrete	1.00	m ³	1.00	
47. 100 mm thick concrete	1.00	m ³	1.00	
48. 100 mm thick concrete	1.00	m ³	1.00	
49. 100 mm thick concrete	1.00	m ³	1.00	
50. 100 mm thick concrete	1.00	m ³	1.00	
51. 100 mm thick concrete	1.00	m ³	1.00	
52. 100 mm thick concrete	1.00	m ³	1.00	
53. 100 mm thick concrete	1.00	m ³	1.00	
54. 100 mm thick concrete	1.00	m ³	1.00	
55. 100 mm thick concrete	1.00	m ³	1.00	
56. 100 mm thick concrete	1.00	m ³	1.00	
57. 100 mm thick concrete	1.00	m ³	1.00	
58. 100 mm thick concrete	1.00	m ³	1.00	
59. 100 mm thick concrete	1.00	m ³	1.00	
60. 100 mm thick concrete	1.00	m ³	1.00	
61. 100 mm thick concrete	1.00	m ³	1.00	
62. 100 mm thick concrete	1.00	m ³	1.00	
63. 100 mm thick concrete	1.00	m ³	1.00	
64. 100 mm thick concrete	1.00	m ³	1.00	
65. 100 mm thick concrete	1.00	m ³	1.00	
66. 100 mm thick concrete	1.00	m ³	1.00	
67. 100 mm thick concrete	1.00	m ³	1.00	
68. 100 mm thick concrete	1.00	m ³	1.00	
69. 100 mm thick concrete	1.00	m ³	1.00	
70. 100 mm thick concrete	1.00	m ³	1.00	
71. 100 mm thick concrete	1.00	m ³	1.00	
72. 100 mm thick concrete	1.00	m ³	1.00	
73. 100 mm thick concrete	1.00	m ³	1.00	
74. 100 mm thick concrete	1.00	m ³	1.00	
75. 100 mm thick concrete	1.00	m ³	1.00	
76. 100 mm thick concrete	1.00	m ³	1.00	
77. 100 mm thick concrete	1.00	m ³	1.00	
78. 100 mm thick concrete	1.00	m ³	1.00	
79. 100 mm thick concrete	1.00	m ³	1.00	
80. 100 mm thick concrete	1.00	m ³	1.00	
81. 100 mm thick concrete	1.00	m ³	1.00	
82. 100 mm thick concrete	1.00	m ³	1.00	
83. 100 mm thick concrete	1.00	m ³	1.00	
84. 100 mm thick concrete	1.00	m ³	1.00	
85. 100 mm thick concrete	1.00	m ³	1.00	
86. 100 mm thick concrete	1.00	m ³	1.00	
87. 100 mm thick concrete	1.00	m ³	1.00	
88. 100 mm thick concrete	1.00	m ³	1.00	
89. 100 mm thick concrete	1.00	m ³	1.00	
90. 100 mm thick concrete	1.00	m ³	1.00	
91. 100 mm thick concrete	1.00	m ³	1.00	
92. 100 mm thick concrete	1.00	m ³	1.00	
93. 100 mm thick concrete	1.00	m ³	1.00	
94. 100 mm thick concrete	1.00	m ³	1.00	
95. 100 mm thick concrete	1.00	m ³	1.00	
96. 100 mm thick concrete	1.00	m ³	1.00	
97. 100 mm thick concrete	1.00	m ³	1.00	
98. 100 mm thick concrete	1.00	m ³	1.00	
99. 100 mm thick concrete	1.00	m ³	1.00	
100. 100 mm thick concrete	1.00	m ³	1.00	

Item (3) Construction of Dry
Lean Cement Concrete

--- do --- do --- etc

$$1 \times 4.00 \times 3.75 \times 0.100 = 1.50 \text{ m}^3$$

$$1 \times 3.50 \times 3.75 \times 0.100 = 1.31 \text{ m}^3$$

$$2 \times 2.50 \times 3.75 \times 0.100 = 1.88 \text{ m}^3$$

$$1 \times 5.50 \times 3.75 \times 0.100 = 2.06 \text{ m}^3$$

$$3 \times 4.00 \times 3.75 \times 0.100 = 4.50 \text{ m}^3$$

$$1 \times 6.50 \times 3.75 \times 0.100 = 2.44 \text{ m}^3$$

$$1 \times 3.00 \times 3.75 \times 0.100 = 1.13 \text{ m}^3$$

$$1 \times 2.50 \times 3.75 \times 0.100 = 0.93 \text{ m}^3$$

$$15.75 \text{ m}^3$$

Item (4) Construction of Panel
Concrete, R.C.C. work

--- do --- do --- etc

$$1 \times 18.00 \times 4.00 \times 3.75 \times 0.125 = 3.72 \text{ m}^3$$

$$3 \times 30.00 \times 3.75 \times 0.125 = 42.19 \text{ m}^3$$

$$1 \times 27.00 \times 3.75 \times 0.125 = 12.65 \text{ m}^3$$

$$1 \times 15.00 \times 3.75 \times 4.00 \times 0.125 = 7.27 \text{ m}^3$$

$$\text{Continuation } 40 = 70.83 \text{ m}^3$$

P.T.O

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
			$BF = 78.83m$	
Item (4) Bit. (Kmed. concrete)				
1 x 15.00 x 0.75 x 0.125 =				7.27 "
3 x 30.00 x 0.75 x 0.125 =				42.19 "
1 x 25.00 x 0.75 x 0.125 =				11.72 "
1 x 5.00 x 3.00 x 0.125 =				1.87 "
				133.88m
Item (5) R.C.C. 10-15 kg stone				
-- do -- do -- etc.				
(i) 100 kg stone -- 100 nos.				
(ii) 200 kg stone -- 200 nos.				
Item (6) Pav. concrete 100 kg stone				
100 kg stone -- 100 nos.				
2 x 1.20 x 0.80 = 1.92m				
Item (7) Pav. 100 kg stone				
100 kg stone -- 100 nos.				
(i) 100 kg stone -- 100 nos.				
(ii) 200 kg stone -- 200 nos.				
(iii) 100 kg stone -- 100 nos.				

Continuation

PTD

Particulars	Details of actual measurements				Quantity in area
	No.	L	B	H	
Item ⑧	Painting inner Rafter in trusses etc. etc. 11 x 12 etc = 12 sq ft.				

Item ⑨ Roof marking with
hot applied thermo
plastic compound
... etc - etc - etc.

$$2 \times 9 \times 30.00 \times 0.100 = 54.00 \text{ m}^2$$

$$2 \times 1 \times 10.00 \times 0.100 = 2.00 \text{ m}^2$$

$$\underline{56.00 \text{ m}^2}$$

Item ⑩ Prov. & fixing of
typical rods etc.

Informative sign board
with "Logo" etc.

$$\text{Qty} = 2.00 \text{ Nos.}$$

John
01/12/23
J.E.

Himanshu
01.12.23
AE

Continuation

PTD

Seigniorage — 10%

(i) Earth — 67.2 m^3
 $107.9 \text{ els } 35 \text{ cm/m}^3 \rightarrow 235 = 0$

(ii) D.C. — 15.75 m^3
 $\text{els } 764 = 07/\text{m}^3 \rightarrow 1172 = 00$

(iii) Canal concrete — 133.88 m^3
 $\text{els } 1073 = 70/\text{m}^3 \rightarrow 14375 = 00$
 $\rightarrow 15782 = 00$

Slab	Amount
01/12/23	01.12.23
J.E.	96

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1) clearing & grubbing road land - do - etc.					
0.056 ha + 1/20 m ² - (1)					
el. 72647.86/m ² - 1/2					4071.00
(2) construction of sub grade & earthen ch.					
1/20 m ² - do - do - etc.					
67.200 m ² side Tm ² - (2)					
el. 259.30/m ² - 1/2					17430.00
(3) construction of dry lean cement concrete					
do - do - do - etc.					
15.75 m ² side Tm ² - (3)					
el. 4294.49/m ² - 1/2					67638.00
(4) construction of Panel concrete P.C.C. pavement - ment 17.30 grade - do - do - do - etc.					
137.88 m ² side Tm ² - (4)					
el. 8732.24/m ² - 1/2					1169072.00
(5) R.C.C. m. 150 grade					
km. 80 m ² - do - etc.					
(1) km 80 m ²					
1.07 nos. side Tm ² - (5)					
el. 2079.86/each - 1/2					2080.00
(1) 200 m ² stone					
2.07 nos. side Tm ² - (6)					
el. 807.56/each - 1/2					1615.00
					el. 12,627.06 - 1/2

Continuation

PTD

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				13fts 12 1/2 706500	
(6)				Pro. & erecting app.	
				section & piece of ponti-	
				-fication sign do etc	
1.42m				vide T.M. Page (3)	
				els 13747-63/m ² - to 26395=00	
(7)				Pro. & fixing app.	
				reflector & section.	
				- any, mandatory & for-	
				formation sign do etc	
(8)				600mm sq. & triangle	
2.00 nos.				vide T.M. Page (3)	
				els 3990-31/each - to 7981=00	

(i)				600mm linear	
2.00 nos.				vide T.M. Page (3)	
				els 5417-39/each - to 10836=00	
(ii)				600 x 45mm rectangular	
2.00 nos.				vide T.M. Page (3)	
				els 5271-76/each - to 10544=00	
(3)				binding new letter	
				& figures - do etc	
12.00 for pt.				vide T.M. Page (4)	
				els 10=72/Pcst - to 9=00	
(4)				road marking with	
				hot applied thermo-	
				- plastic compound	
				- do - do - etc	
				els 13,18/71=00	

Continuation

PTD

Continuation

1st on AIC

Amount vide memo No. 14/14 - 6/2/24

Rs. 1050623 = 0

10

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Memo of Payment	—	2	1050623	0	
S.D. 5 1/2	—	2	52531	0	
97-1 1/2	—	2	105072	0	
11-1 1/2	—	2	105072	0	
S. 457-1 1/2	—	2	8696	0	
C. 457-1 1/2	—	2	8696	0	
Roy	—	2	2218	0	
Roy (mg)	—	2	30301	0	
SF	—	2	15782	0	
By chng	—	2	911385	0	
			1050623	0	
Added For Rs. 1050623 = 0					
Ten lakh fifty thousand six hundred					

Twenty thousand only

(Signature)

Executive Engineer
Rural Work Department
Work Division Patna

(Signature)

8/2/24

$\frac{b}{8.2.24}$

Continuation

Q
18/3/24