

Baithara to Kusmar
Schedule XLV- Form NO.-134.

BIHAR P. W. D.

RWD, Jayanagar

DIVISION

Babubarh

SUB-DIVISION

MR 3084

MEASUREMENT BOOK

Nilambar Towers

1st on A/c bill

Name of the work-
 Situation of work-
 Agency by which work is executed-
 Date of measurement-
 No. and date of agreement- 01
(These four items 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 - Maintenance of road from Barhara to Kusmar					
Name of Agency - N. L. Kumbhar Power Co. Ltd, Prop - Dilip K. Jha, Jayanagar Madhubani					
Agreement No. - 09/ABD/2023-24					
Date of start - 17.10.2023					
Date of completion - 16.10.2024					
(Record measurement)					

1. Cleaning & Grubbing of ft					
02x	06x	30x	1.00	=	360.0 m ²
02x	05x	30x	1.00	=	300 m ²
02x	04x	30x	1.00	=	240 m ²
02x	03x	30x	1.00	=	180 m ²
02x	07x	30x	1.00	=	420 m ²
02x	08x	30x	1.00	=	480 m ²
02x	09x	30x	1.00	=	540 m ²
02x	10x	30x	1.00	=	600 m ²
02x	15x	30x	1.00	=	900 m ²
02x	20x	30x	1.00	=	1200 m ²
02x	11x	30x	1.00	=	660 m ²
02x	10x	30x	1.00	=	600 m ²
02x	06x	30x	1.00	=	360 m ²
02x	01x	04x	1.00	=	8 m ²
Continuation					6848 m ²



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		6848 m ²			0.68 H a c
		10000			
2. Construction of G.S.B. g.I. . . . of 1/2.					
	02x	3.86x1.33	x 0.100		= 1.03 m ³
	02x	2.76x2.00	x 0.100		= 1.1 m ³
	02x	4.53x2.40	x 0.100		= 2.22 m ³
	03x	2.89x1.50	x 0.100		= 1.3 m ³
	02x	2.81x1.44	x 0.100		= 0.83 m ³
	04x	7.90x1.23	x 0.100		= 3.89 m ³
	02x	9.65x2.94	x 0.100		= 5.67 m ³
	02x	5.02x3.12	x 0.100		= 3.13 m ³
	03x	3.09x2.67	x 0.100		= 2.47 m ³
	02x	6.46x3.20	x 0.100		= 4.14 m ³

	04x	4.34x2.55	x 0.100		= 4.43 m ³
	05x	4.44x3.16	x 0.100		= 7.0 m ³
	05x	5.02x2.54	x 0.100		= 6.37 m ³
	03x	6.66x2.67	x 0.100		= 5.33 m ³
	02x	5.02x1.98	x 0.100		= 1.99 m ³
	03x	5.60x3.21	x 0.100		= 5.39 m ³
	02x	4.82x2.22	x 0.100		= 2.14 m ³
	02x	6.17x1.11	x 0.100		= 1.37 m ³
	03x	5.21x3.14	x 0.100		= 4.91 m ³
	08x	5.50x2.11	x 0.100		= 9.28 m ³
	03x	8.40x3.33	x 0.100		= 8.39 m ³
	02x	4.80x2.44	x 0.100		= 2.34 m ³
	05x	2.75x2.54	x 0.100		= 3.49 m ³
	07x	5.80x2.84	x 0.100		= 11.53 m ³
	05x	5.60x1.84	x 0.100		= 5.15 m ³

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
	01	12.60	2.30	28.98 m^2
	01	10.50	3.10	32.55 m^2
	02	3.50	1.20	8.40 m^2
				500.0 m^2
Add	20	10.50	3.10	3604.93 m^2
				4104.93 m^2

2. Providing, laying and rolling of
 premium of 1% of C.I.

20 m² of 1% of C.I. = 4104.93 m²

21/04/2019
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2. Providing, laying and rolling of
premix. of C/H

Same city as item no ① - 4104.93m²

Feb

21/02/2024

7E

1. Providing & applying tack coat..... of etc			
	06x	30x	3.75 = 675m ²
	10x	30x	3.75 = 1125m ²
	16x	30x	3.75 = 1800m ²
	04x	30x	3.75 = 450m ²
	01x	10.5x	3.75 = 39.37m ²
	12x	30x	3.75 = 1350m ²
	20x	30x	3.75 = 2250m ²
	10x	30x	3.75 = 1125m ²
	11x	30x	3.75 = 1237.50m ²
	15x	30x	3.75 = 1687.50m ²
	08x	30x	3.75 = 900m ²
	01x	11.50	$\frac{(2.70+3.50)}{2} = 41.40m^2$
	Start -	01x 8.60	$\frac{(9.20+6.00+4.10)}{3} = 55.23m^2$
	End	01x 11.40	$(9.60+6.50+4.20+1.80) = 66.47m^2$

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Curve	01	9.30	(4.20 + 6.50 + 2.10)		45.26 m ²
	01	12.70	(4.10 + 3.90 + 3.25)		49.74 m ²
		31.25			
					12900.07 m ²
2. Bounding and laying SDBC of C.I.					
Same qty as item no (1)					12900.07 m ²
$12900.07 \text{ m}^2 \times 0.025 =$					322.50 m ³
<u>23/02/2014</u> <u>JE</u>					

1. Road marking on edge of C.I.					
	02	06	30	0.100	36.0 m ²
	02	16	30	0.100	96.0 m ²
	02	12	30	0.100	72.0 m ²
	02	15	30	0.100	90.0 m ²
	02	20	30	0.100	120 m ²
	02	18	30	0.100	108 m ²
	02	13	30	0.100	78 m ²
	02	14	30	0.100	84 m ²
	02	01	04	0.100	0.8 m ²
					684.80 m ²
Pedestrian crossing					
	03	06	02	0.500	18.0 m ²
					702.80 m ²
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2. Construction of subgrade - - - of 612					
only flank					
GT	02	0.6	20	$(1.00 + 1.10)$	
				$\times 0.600 = 226.80 \text{ m}^3$	
	02	0.4	30	$1.00 \times 0.600 = 144.00 \text{ m}^3$	
	02	0.5	30	$1.00 \times 0.600 = 180.00 \text{ m}^3$	
	02	0.6	30	$1.00 \times 0.600 = 216.00 \text{ m}^3$	
	02	0.8	30	$1.00 \times 0.600 = 288.00 \text{ m}^3$	
	02	0.1	30	$(0.80 + 0.90)$	
				$\times 0.600 = 102.60 \text{ m}^3$	
	02	0.3	30	$1.00 \times 0.600 = 108.00 \text{ m}^3$	
	02	0.4	30	$1.00 \times 0.600 = 144.00 \text{ m}^3$	
	02	0.6	30	$1.00 \times 0.600 = 216.00 \text{ m}^3$	
	02	0.1	30	$(0.50 + 0.20)$	
				$\times 0.300 = 12.50 \text{ m}^3$	
	02	0.5	30	$0.500 \times 0.300 = 45.00 \text{ m}^3$	
	02	0.1	30	$0.500 \times 0.200 = 27.00 \text{ m}^3$	
				3282.30 m³	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. Providing & fixing logo board..... of c/c					
					$01 \times 04 = 04 \text{ Nos.}$
4. RCC M15 grade - - - - - of c/c					
					(a) kerb stone - $01 \times 05 = 05 \text{ Nos.}$
					(b) kerb stone - $01 \times 14 = 14 \text{ Nos.}$
5. Providing & fixing sign board..... of c/c					
					(a) 600 mm Δ - $01 \times 12 \text{ Nos.} = 12 \text{ Nos.}$
					(b) 600 mm $\square$ - $01 \times 02 \text{ Nos.} = 02 \text{ Nos.}$
					(c) 600 $\times$ 450 $\square$ - $01 \times 02 \text{ Nos.} = 02 \text{ Nos.}$
					(d) 900 mm rectangle - $01 \times 02 \text{ Nos.} = 02 \text{ Nos.}$
					Check 01101204

1. Brick masonry..... of c/c					
H.P.	05	02	6.45	0.40	$\times 0.60 = 15.48 \text{ m}^3$
Slab -	01	02	6.40	0.40	$\times 0.60 = 2.07 \text{ m}^3$
					18.55 m^3
2. Plastering with cement mortar..... of c/c					
H.P.	05	04	6.45	0.60	$= 77.40 \text{ m}^2$
	05	02	6.45	0.40	$= 25.80 \text{ m}^2$
	05	04	0.40	0.60	$= 4.80 \text{ m}^2$
					108.00 m^2
Slab	04	6.40	0.60		$= 15.36 \text{ m}^2$
	02	6.40	0.40		$= 5.12 \text{ m}^2$
	04	0.40	0.60		$= 0.96 \text{ m}^2$
					$\text{Total } 129.44 \text{ m}^2$
Continuation					

[illegible]

Material statement	
1)	Q/w - 3282.30 m^3
2)	Stone - 416.92 m^3
3)	Course sand - 51.34 m^3
4)	Stone screening - 64.88 m^3
5)	Gravel (SS-1) - 3.06 m^3
6)	Gravel (RS-1) - 4.68 m^3
7)	Bitumen (S-90) - 7.18 m^3 (V610)
8)	Waste plastic - 623.95 kg
9)	Bitumen (S-90) - 38.70 m^3
10)	Stone chip - 572.08 m^3
11)	Gravel - 9.275 m^3
12)	Sand - 19.47 m^3

Checked
06/02/2019

Continuation

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	Nq.	L.	B.	D.	
1. Clearing & grubbing ... of ch city u'de TMBP-(2)					
					0.58 Hec @ 72692.86/mc = 49435/-
2. Construction of GSB gat ... of ch city u'de TMBP-(3)					
					142.60 m ² @ 4441.67/m ² = 633382/-
3. Providing, laying warm curb ... of ch city u'de TMBP-(4)					
					270.27 m ² @ 6102.21/m ² = 1649882/-
4. Providing & applying prime coat ... of ch city u'de TMBP-(5)					
					3604.93 m ² @ 45.78/m ² = 165034/-

5. Providing & applying tack coat ... of ch city u'de TMBP-(6/7)					
					4104.93 + 12900.07 m ² = 17005.0 m ² @ 21.03/m ² = 358295/-
6. Providing, laying and rolling ... of ch city u'de TMBP-(8)					
					4104.93 m ² @ 299.17/m ² = 1228074/-
7. Providing and laying SDBC of ch city u'de TMBP-(9)					
					322.50 m ² @ 16070.09/m ² = 5182.604/-
8. Road marking on edge ... of ch city u'de TMBP-(10)					
					702.80 m ² @ 784.74/m ² = 551515/-
9. Construction of subgrade ... of ch city u'de TMBP-(11)					

Continuation

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Details of actual measurement	Contents
13	25.03.24

4/10/20
06/03/2021
56.
S
06/03/2021
K

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Maintenance of road from Barkham to Kuebar					
Name of Agency - Nilambar Tower Pvt Ltd, Prop - Dilip Kr Jha, Jayanagar Madhubani					
Agreement No. - 09 MBD/2023-24					
Date of start - 17.10.2023					
Date of completion - 16.10.2024					
Actual date of completion - 06.03.2024					
Further measurement - Nil					
					Station 04/05/2024 Jc

Abstract of cost	
1. Clearing & Grubbing ... of sq ft	
city wide TRM D P - (11)	
0.68 Hac @ 72697.84/m ² - 49435/2	
2. Construction of 450 g.s. ... of sq ft	
city wide TRM D P - (11)	
142.60 m ³ @ 4441.67/m ³ - 633382/2	
3. Providing, laying WBM G.III ...	
of sq ft city wide TRM D P - (11)	
270.37 m ³ @ 6102.31/m ³ - 1649882/2	
4. Providing & applying prime coat	
... of sq ft city wide TRM D P - (11)	
3604.93 m ³ @ 45.78/m ³ - 165034/2	
5. Providing & applying tack coat	
... of sq ft city wide TRM D P - (11)	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1700.5.0m ² @.21.02/m ² - 358295/2
6. Providing, laying and rolling					of 212 city wide TM10 P-11
					4104.93m ² @.299.12/m ² - 1228072/2
7. Providing and laying SDOC.....					of 212 city wide TM10 P-11
					322.50m ² @.16070.09/m ² - 5182604/2
8. Road working on edge..... of 212					city wide TM10 P-11
					702.90m ² @.784.24/m ² - 551515/2
9. Construction of subgrade.....					of 212 city wide TM10 P-12
					3282.30m ² @.264.23/m ² - 867282/2

10. Providing & lining board.....					of 212 city wide TM10 P-12
					04 No. @. 1177.77/m ² - 46879/2
11. RCC 15 grade..... of 212					city wide TM10 P-12
					(a) 15mm stone - 05 No @. 3208.12/m ² - 16041/2
					(b) 20mm stone - 14 No @. 872.26/m ² - 12212/2
12. Providing & lining retro-reflective					board..... of 212 city wide TM10 P-12
					(a) 600mm D - 12 No @. 4513.45/m ² - 54161/2
					(b) 600mm D - 03 No @. 4432.18/m ² - 13292/2
					(c) 600x 450 D - 02 No @. 4248.44/m ² - 8577/2
					(d) 900mm - 02 No @. 8733.12/m ² - 17466/2
13. Brick masonry..... of 212					city wide TM10 P-12

Continuation

