पारेतचारपुर बिहारशरीफ NH-31 से कमल बिगहा

Schedule XLV-Form No. 134

महः- नयी अनुरक्षण नीति-2018 M/R Harnaut 04

Harnaut DIVISION

ML-N/20-21/Harnaut to Y

Chandi SUB-DIVISION

MEASUREMENT BOOK

संवेदकः- प्रेम कुमार सिन्हा / 1010

प्रमाणित किया जाता है कि इस मापी पुस्तिका
में मशीन से छपे कुल 100 (एक सौ) पृष्ठ
है और प्रत्येक अभिप्रमाणित पृष्ठों के साथ
निर्गमित किया जाता है

(signature) 03.05.21

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, हरनौत

(signature)
3.5.21

Revised issued to C.Kr. Maharana
J.E chandi

(signature)
05-5-21
A.E, chandi

Sch. XLV - Form No. 134

____________ DIVISION

____________ SUB-DIVISION

Measurement Book

No. 1010

Name of Officer ____________

1ST ON A/C BILL

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Name of Road:– Bakhtiyarpur Biharsharif NH-31 to Kamal Bigha.

Agency:– Prem Kumar Sinha.

Agreement NO:– 17/SBD/20-21

Date of Agreement – 19.09.2020

Date of Completion – 18.06.2021

Date of measurement – 01-12-2021 to 05-03-2022

RECORD ENTRY

(1) Cleaning & grubbing road land – do – do – HS.

2×10×30.00×1.250 = 750.00 m^2

2×10×30.00×1.250 = 750.00 m^2

2×10×30.00×1.250 = 750.00 m^2

2×6×30.00×1.250 = 450.00 m^2

2×1×20.00×1.250 = 50.00 m^2

Qty – 2750.00 m^2

or, 0.28 Ha

(2) Scarifying the existing Bitumin – do – do – HS.

2×6.50×2.75 = 35.75 m^2

2×7.50×2.30 = 34.50 m^2

1×8.50×1.80 = 15.30 m^2

Qty – 102.80 m^2

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF — 102.80m²		
	1×6.50×2.150=13.975m²				
	3×5.00×2.10=31.5m²				
	1×6.00×2.30=13.80m²				
	1×4.50×1.90=8.55m²				
	1×3.50×1.80=6.30m²				
	1×2.00×0.80=1.60m²				
			Qty-178.53m³		
(3) Construction of granular sub base -do- do- F/S.					
	1×5.30×2.30×0.175=2.133m³				
	1×4.75×2.90×0.175=2.411m³				
	1×8.50×3.10×0.175=4.611m³				
	1×7.80×2.60×0.175=3.549m³				
	3×3.50×3.00×0.175=5.513m³				
	1×7.25×2.70×0.175=3.426m³				
	2×4.50×2.70×0.175=4.253m³				
	3×2.50×1.50×0.175=1.969m³				
	4×1.50×1.50×0.175=1.575m³				
	1×2.70×1.70×0.175=0.803m³				
	1×3.25×1.80×0.175=1.024m³				
			Qty-31.267m³		
			Limit Qty-31.252m³		
(4) Providing laying spreading WBM Grade -do- do- F/S					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	5.50	2.75	0.075	2.269 m^3
	2	6.50	3.10	0.075	3.071 m^3
	1	7.25	2.30	0.075	1.250 m^3
	5	3.50	3.10	0.075	4.069 m^3
	1	8.75	2.85	0.075	1.870 m^3
	3	6.25	2.80	0.075	3.305 m^3
	1	5.60	2.80	0.075	1.176 m^3
	2	5.80	2.75	0.075	2.392 m^3
	4	4.50	3.10	0.075	4.185 m^3
	2	7.60	3.20	0.075	3.648 m^3
	10	10.00	2.90	0.075	2.175 m^3
	1	9.50	3.05	0.075	2.178 m^3
	8	5.30	2.75	0.075	3.279 m^3
	4	2.50	2.50	0.075	1.875 m^3
	1	8.25	1.90	0.075	1.176 m^3
	1	10.50	2.90	0.075	2.284 m^3
	1	5.90	3.00	0.075	1.328 m^3
	1	6.30	2.80	0.075	1.323 m^3
	2	4.75	2.60	0.075	1.853 m^3
	1	3.70	2.00	0.075	0.555 m^3
	1	4.80	2.40	0.075	0.864 m^3
	1	6.75	3.10	0.075	1.569 m^3
	2	3.80	2.70	0.075	1.539 m^3
	3	4.30	3.00	0.075	3.088 m^3
	1	3.60	2.50	0.075	0.675 m^3
	1	4.30	3.10	0.075	0.999 m^3
				Qty	59.617 m^3

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F - 52.617 m³		
	1 x 4.00 x 1.80 x 0.075 = 0.54 m³				
			Qty - 53.157 m³		
				Sd/- 01/10/2021 J.E	
(5) Providing laying spreading WBM Gr III -do- -do- J.S.					
	4 x 3.80 x 2.75 x 0.075 = 3.135 m³				
	3 x 4.50 x 2.50 x 0.075 = 2.531 m³				
	4 x 5.20 x 2.95 x 0.075 = 4.602 m³				
	5 x 2.580 x 2.25 x 0.075 = 2.177 m³				
	3 x 6.250 x 3.25 x 0.075 = 4.570 m³				
	4 x 2.50 x 2.150 x 0.075 = 1.613 m³				
	5 x 4.75 x 2.15 x 0.075 = 3.830 m³				
	3 x 5.50 x 2.45 x 0.075 = 3.032 m³				
	4 x 4.250 x 3.50 x 0.075 = 4.463 m³				
	2 x 3.250 x 2.750 x 0.075 = 1.341 m³				
	2 x 3.150 x 3.150 x 0.075 = 1.488 m³				
	5 x 4.250 x 2.50 x 0.075 = 3.984 m³				
	3 x 5.20 x 2.05 x 0.075 = 2.399 m³				
	2 x 6.250 x 3.50 x 0.075 = 3.281 m³				
	5 x 3.240 x 2.150 x 0.075 = 2.612 m³				
	3 x 5.650 x 3.25 x 0.075 = 4.132 m³				
			Qty - 49.19 m³		

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF –	49.191 m^3
	4	8.560	2.50	0.075	= 6.42 m^3
	3	4.560	3.75	0.075	= 3.848 m^3
	2	5.850	2.50	0.075	= 2.194 m^3
	3	2.250	3.25	0.075	= 1.645 m^3
	2	5.60	3.150	0.075	= 2.646 m^3
	4	2.250	2.05	0.075	= 3.844 m^3
	3	7.250	2.95	0.075	= 3.670 m^3
	2	7.50	2.150	0.075	= 2.419 m^3
	4	8.250	2.50	0.075	= 6.188 m^3
	4	5.50	1.150	0.075	= 1.898 m^3
	2	4.250	2.350	0.075	= 1.434 m^3
	3	6.250	1.25	0.075	= 1.786 m^3
	2	7.50	2.150	0.075	= 2.419 m^3
	3	8.50	2.50	0.075	= 4.781 m^3
	2	6.750	2.150	0.075	= 2.177 m^3
	3	6.20	2.25	0.075	= 3.139 m^3
	2	3.50	1.75	0.075	= 0.919 m^3
	3	4.50	1.950	0.075	= 1.974 m^3
	2	3.250	1.750	0.075	= 0.853 m^3
	3	3.250	2.150	0.075	= 1.572 m^3
	2	2.25	1.750	0.075	= 0.591 m^3
	4	3.150	1.950	0.075	= 1.843 m^3
				Qty –	107.447 m^3

Continuation

05/12/2021
JE

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Providing & applying Prime coat -do-do- T/S					
Same Qty V.T. Item No (5)					
~~107.445~~	107.447 m³ / 0.075			=	1432.63 m² → (A)
Same Qty V.T. Item No (02)					- 17853 m² → (B)
	1 ×	2.250 ×	1.750	=	3.938 m²
	1 ×	6.25 ×	2.150	=	13.438 m²
	1 ×	4.250 ×	1.750	=	7.438 m²
	1 ×	5.50 ×	1.250	=	6.875 m²
	1 ×	6.150 ×	1.50	=	9.225 m²
	~~1 ×~~	~~7.250 ×~~	~~1.750~~	~~=~~	~~12.688 m²~~
	1 ×	7.250 ×	1.750	=	12.688 m²
	1 ×	8.50 ×	2.150	=	18.275 m²
	1 ×	4.250 ×	1.550	=	6.588 m²
	1 ×	6.550 ×	1.150	=	7.533 m²
	1 ×	3.250 ×	1.750	=	5.688 m²
	1 ×	4.250 ×	1.750	=	7.438 m²
	1 ×	5.50 ×	2.250	=	12.375 m²
	1 ×	4.650 ×	2.150	=	9.998 m²
	1 ×	5.50 ×	2.20	=	12.10 m²
	1 ×	5.60 ×	1.150	=	6.44 m²
	1 ×	7.50 ×	1.50	=	11.25 m²
	1 ×	6.250 ×	1.450	=	9.063 m²
	1 ×	5.25 ×	2.150	=	11.288 m²
	1 ×	4.250 ×	2.150	=	9.138 m²
	1 ×	5.75 ×	1.450	=	8.338 m²
	1 ×	6.250 ×	1.150	=	7.188 m²
				Qty	- 208.983 m² → (C)

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Total Qty – A+B+C					
1432.63+178.53+208.983					
					=1820.143m²
(7) Providing & applying					
tack coat –do– do– T/S.					
Same Qty V.T. Item No (6A)					– 1432.63m²
Same Qty V.T. Item No (6C)					– 208.983m²
					Qty – 1641.613m²
(8) Providing & laying MSS					
–do– do– as per T/S.					
Same Qty V.T. Item No (7)					– 1641.613m²
					01/03/2022 J.E
(9) Providing & applying					
tack coat –do– do– T/S.					
Chainage – 0m to 1091m					
	1×	10.00×	(5.60+3.75)/2		= 46.75m²
	1×	30.00×	3.75		= 112.50m²
	1×	30.00×	3.75		= 112.50m²
	1×	30.00×	3.75		= 112.50m²
	1×	30.00×	3.75		= 112.50m²
	1×	30.00×	3.75		= 112.50m²
	1×	30.00×	3.75		= 112.50m²
	1×	30.00×	3.75		= 112.50m²
	1×	30.00×	3.75		= 112.50m²
	1×	30.00×	3.75		= 112.50m²

(Continuation)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1x30.00x3.75 =				112.50m²
	1x7.00x3.75 =				26.25m²
				Qty	4017.80m²
					4057.95m³
(10) Providing & laying SDBC -do- do- T/S Same Qty vt. Item No (09)					
4057.95x0.0250 =					101.45m³
(11) Providing & fixing of typical mmbsy Board -do- -do- T/S.					SN/05
(12)		13-3-22 A.E			09/03/2022 J.E

ABSTRACT OF COST

(1) Clearing & grubbing road land -do- do- T/S.
0.28Ha (VT. M.B. P.NO - 01) | 14061=
0.275
@ Rs.51133.76/Ha Rs 14317=00

(2) Scarifying Existing Bitumin surface -do- -do- T/S
178.53m² (VT. M.B. P.No-08)
@ Rs 15.43/m² - Rs.2755=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Construction of granular					
4 sub base do — do — T/S.					
31.250m³ (V.T. MB.P. No – 02)					46568 =
@ Rs. 1490.46/m³ Rs 46570=00					
(4) Providing & laying					
5 Spreading WBM Gr II					
— do — do — as per T/S.					
53.157m³ (V.T. M.B.P. NO – 04)					
@ Rs. 2361.53/m³ Rs. 125532=00					
(5) Providing laying spreading					
6 WBM Gr III — do do — T/S.					
107.447m³ (V.T. M.B.P. No – 05)					
@ Rs 2535.52/m³ Rs 272434=00					
(6) Providing & applying					
7 Prime coat — do — do — T/S.					
1820.143m² (V.T. M.B.P. NO – 07)					
@ Rs 44.31/m² Rs. 80651=00					
(7) Providing & applying					
8 Tack coat — do — do — T/S.					
1641.613m² (V.T. M.B.P. No – 07)					
+ 4057.95m² (V.T. M.B.P. No – 09)					
= 5699.563m² @ Rs. 15.50/m² Rs 88343=00					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) Providing & laying					
9 M.S.S — do — do — T/S.					
1641.613 m² (V.T.M.B.P.No 07)					
@ Rs. 195.97/m²					Rs. 321707=00
(9) Providing & laying					
70 SDBC — do — do — T/S.					
101.45 m³ (V.T.M.B.P.No-09)					
@ Rs. 9597.24/m³					Rs. 973640=00
(10) Providing & fixing of					
21 Logo Board — do — do — T/S.					
3 Nos (V.T.M.B.P.No-09)					
@ Rs. 9315.77/No					Rs. 27947=00
					1953638=
					Rs. ~~1953896=00~~
Less 0.11% as per agreement					Rs. 2149=00
					Rs. ~~1951747=00~~
					1951489=
					234179=
Add 12% GST (+)					Rs. ~~234210=00~~
Add 1% Labour cess (+)					Rs. 19514=00
					Rs. ~~2205474=00~~
					2205182=

Sd/- 13-3-22 A.E

Sd/- 20/03/2022 J.E

Continuation

Allotment received vide letter no 18
dt 11-3-22 Rs 26.00

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2205182=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) S.D	5			1	10259=
(2) I.	1	Y.	3		22052=
(3) Lobby	1	Y.	3		22052=
(4) C-G	5.1	Y	3		22052=
(5) S.G	5.1	Y	3		22052=
(6) S.F					23404=
(7) Roof					68725=
(8) Extra item					220518
(9) By Checks					1694068=
					2205182=

Passed for Rs 2205182=00 (Rupees twenty two lac five thousand one hundred eighty two) only

14/3

14.03.2022

Executive Engineer
Rural Works Department
Works Division Hasnabad

14/3/22

Continuation