Repair of Road from Baghal To Baldhara

Schedule XLV-Form No. 134

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, जयनगर
DIVISION

Babubarahi
SUB-DIVISION

935

MEASUREMENT BOOK

Amnor Nath Jha

Agency: Rajmukhiya

प्रमाणित किया जाता है कि इस
कापी में मशीन द्वारा मुद्रित 01 से
100 तक अंकित है जो अवर प्रम
पदाधिकारी [illegible] के नाम
निर्गत किया जाता है।

6/5/20

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, जयनगर

6/5/2020

Sch. XLV—Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 935

Name of Officer _____

_____

Date of first entry _____

Date of last entry _____

1st on A/c Bill.

Name of work— 1
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 No.	L.	B.	D.	Contents of area
Name of Work:- Repair of Rd from Bagkal To Baldhara					
Agency:- ~~Raghunath~~ Amarnath Jha					
Agreement No - 103-MSD/2020-21					
Estem & comment - 10/03/2021					
Date of completion - 09/03/2022					
Rate quoted - 0-01% below					
PAN No :- MR/19-20 Jaynagar-II.					
Record No by ...					
① Prov. and fixing MR wood @ 2 Nos.					
② Clearing and grubbing forest land					
	2	8	30	1.00	= 480.00
	2	8	30	1.00	= 480.00
	2	9	30	1.00	= 540.00
	2	8	30	1.00	= 480.00
	2	9	30	1.00	= 540.00
	2	1	26	1.00	= 52.00
					T = 2572.00
					= 0.257 Hec
③ Construction of Embankment/Slope					
	12	30	0.65	0.450	= 105.30
	16	30	0.78	0.35	= 131.04
	14	30	0.75	0.40	= 126.00
	14	30	0.95	0.40	= 159.60

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	12X	30X	0.90	X0.35 =	113.40
	16X	30X	1.10	X0.90 =	230.40
	2X	26X	0.90	X0.40 =	18.72
				T =	884.46
(4) Prov.	Box	-cutting	--		
	2X	125X	0.525	X0.100 =	13.13
(5) Prov.	Misc	gr-5	Mat	--	
	16X	2.10	X1.60	X0.170 =	9.14
	9X	2.40	X1.20	X0.150 =	3.89
	5X	2.40	X3.75	X0.125 =	5.85
	2X	30X	0.45	X0.150 =	4.05
	8X	1.50	X1.10	X0.150 =	1.44
	22X	1.90	X0.45	X0.125 =	2.35
	14X	1.20	X0.60	X0.150 =	1.51
	1X	3.80	X3.75	X0.125 =	1.78
	8X	1.90	X1.20	X0.100 =	1.82
	3X	2.80	X0.90	X0.125 =	0.950
	8X	2.40	X1.10	X0.138 =	3.64
	2X	5.80	X2.100	X0.100 =	2.44
	14X	1.20	X0.48	X0.100 =	0.87
	8X	3.90	X2.40	X0.100 =	7.49
	14X	1.40	X1.20	X0.125 =	2.94
	2X	125	X0.525	X0.100 =	13.13
	1X	125	X4.05	X0.100 =	50.63
				T =	112.56
Grg					
06/03/23					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(C) Bm.	W B M gr-III N Pm.				
	16 ×	2.1 ×	1.60 ×	0.075 =	4.03
	9 ×	2.40 ×	1.20 ×	0.075 =	1.94
	5 ×	2.40 ×	3.75 ×	0.075 =	3.38
	2 ×	30 ×	0.45 ×	0.075 =	2.03
	8 ×	1.50 ×	1.20 ×	0.075 =	1.08
	22 ×	1.90 ×	0.45 ×	0.075 =	1.41
	14 ×	1.20 ×	0.60 ×	0.075 =	0.76
	1 ×	3.80 ×	3.75 ×	0.075 =	1.07
	8 ×	1.90 ×	1.20 ×	0.075 =	1.37
	3 ×	2.80 ×	0.90 ×	0.075 =	0.57
	8 ×	2.40 ×	1.20 ×	0.075 =	1.73
	2 ×	5.80 ×	2.10 ×	0.075 =	1.83
	14 ×	1.30 ×	0.48 ×	0.075 =	0.66
	8 ×	3.90 ×	2.40 ×	0.075 =	5.62
	14 ×	1.40 ×	1.20 ×	0.075 =	1.76
	1 ×	125 ×	3.75 ×	0.075 =	35.16
	1 ×	30 ×	0.60 ×	0.075 =	1.35
	3 ×	5.0 ×	2.35 ×	0.075 =	2.64
	37 ×	1.20 ×	0.90 ×	0.075 =	3.00
	8 ×	5.00 ×	1.85 ×	0.075 =	5.55
	2 ×	4.50 ×	0.30 ×	0.075 =	0.20
	1 ×	5.90 ×	3.75 ×	0.075 =	1.66
	5 ×	5.00 ×	3.00 ×	0.075 =	5.63
	1 ×	27.80 ×	1.50 ×	0.075 =	3.13
	29 ×	4.90 ×	2.10 ×	0.075 =	22.38
				T =	109.94 m³

Continuation

08/03/24
J.E.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) Prov. Prime coat ... 109 Same area vide Item No (6) of MB P-(3)					
109.94 ÷ 0.075				=	1465.87
(8) Prov. Tack coat ...					
109.94 ÷ 0.075 =					1465.87
	6 ×	3.20 ×	2.16	=	46.62
	54 ×	1.80 ×	1.20	=	116.64
	35 ×	2.90 ×	2.15	=	218.23
	11 ×	5.50 ×	2.30	=	139.15
	2 ×	30 ×	0.60	=	36.00
	11 ×	7.40 ×	1.80	=	146.52
	13 ×	6.70 ×	1.68	=	146.32
	18 ×	4.50 ×	2.12	=	171.72
	77 ×	3.10 ×	1.56	=	372.37
	37 ×	2.15 ×	1.80	=	143.19
				T =	3002.64 m^2
(9) Prov. M.S.S ... Same area vide Item No (8) of MB P-(4)				=	3002.64
(10) Prov. Tack coat					
	3 ×	30 ×	3.30	=	297.00
	11 ×	30 ×	3.60	=	1188.00
	1 × 30 ×	(4.4 + 4.6 + 3.25)/3		=	122.50
	8 ×	30 ×	3.75	=	900.00
	1 × 30 ×	(4.5 + 4.1 + 3.25)/3		=	128.50

Continuation T = 2636.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F =		2636.00
	1	30	$\frac{4.5+4.5+3.9}{3}$		= 129.00
	1	30	$\frac{3.9+4.5+3.20}{3}$		= 121.50
	2	30	3.25	=	195.00
	1	25	3.75	=	93.75
	13	30	$\frac{3.75+3.65+3.20}{3}$		= 1443.00
	1	30	$\frac{3.25+4.6+5}{3}$		= 127.50
	1	18	$\frac{5+3.25+5}{3}$		= 82.50
				T =	4864.75 m²
(11)	Prov. S.D. BC — do				4857.25
	Same area vide Itm				
	No (10) & Prov P (5)				
	4864.75 × 0.025			=	121.6187
	4857.25				
(12)	Prov. road marking with hot applied thermoplastic Paints				
	10	50	0.10	=	50.00
	10	50	0.10	=	50.00
	10	50	0.10	=	50.00
	10	50	0.10	=	50.00
	10	50	0.10	=	50.00
	2	36	0.10	=	7.20
				T =	257.20

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(13) Prov. & fixing ordinary MM 2					3 Nos.
(14) Prov. & fixing 2 coat stone					9 Nos
(15) Prov. & fixing retro-reflective road traffic boards					
(i) 600mm equilateral triangle					11 Nos
(ii) 600mm circular					= 6 Nos
(iii) 600 x 450 MM rectangular					= 9 Nos.
(16) Prov. & fixing boundary pillar					26 Nos.

23/03/25

Natural stones

(1)	S/M/chips	= 482.56 m³	72384
(2)	Sand	= 57.6 cum	8645
(3)	S/dust	= 32.24 cum	4832
(4)	C/W	= 884.46 cum	2918 PT =
(5)	SS	= 1.25 MT	
(6)	QS	= 2.614 MT	
(7)	Bitumen	= 19.738 MT.	

Ground Boiler	Date	Qty
BH5520051114	16/03/25	- 18.989
WB5529002454	22/03/25	21.188
	T =	40.889 / 40.179
Used Qty.	=	19.738
Balance Qty	=	21.151 / 20.441

Continuation

Transfer to MB No - (249).

(Mafi March to Feb 25)

ABSTRACT OF WET.

7

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
① Clearing and grubbing Rd land.					
Qty vide p-① & TMB					
0.257 Hae @ ₹ 51337.38/Hae					13194=00
② Prov. and fixing NR Var Board					
Qty vide p-① & TMB.					
2 NOS @ ₹ 9388.75/each = ₹					18778=00
③ Prov. Cc&B gr-I Mat					
Qty vide p-② & TMB					338562=00
112.564 M² @ ₹ 3007.84/M³ = ₹					~~338420=00~~
④ Prov. WBM gr-III mat					
Qty vide p-③ & TMB					
109.944 M³ @ ₹ 3766.51/M³ = ₹					414090=00
~~⑤ Prov. Bed Coats~~					
~~Qty vide p-⑤ & TMB~~					
~~13.137 M³ @ ₹ 76.16/M² = ₹~~					~~974=00~~
⑤ Prov. prime coat —					
Qty vide p-④ & TMB					
1465.874 M² @ ₹ 43.46/M² = ₹					63707=00
⑥ Prov. Tack coat —					
Qty vide p-④ & TMB					
3002.64 M² Qty vide p-⑤ & TMB					116798=00
+ 4864.75 M²					
7867.424 M² @ ₹ 14.86/M² = ₹					116910=00
⑦ Prov. Patches by M.S.S.					
Qty vide p-④ & TMB.					
3002.64 M² @ ₹ 223.02/M² = ₹					669649=00
⑧ Prov. S.D.B.C. —					
Qty vide p-⑤ & TMB					
121.619 M³ @ ₹ 10924.76/M³ = ₹					1332657 1335732=00

Continuation

₹ = 2969622=00

2967435=00

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F = ₹		2969622 m²
(10) Pmv. road marking with hot applied thermoplastic Rate ——— ₹					
Qty vide p-(5) 4 Trms					
257.20 M² @ ₹ 721.91/M² = ₹					185675 =00
(11) Pmv. & fixing km stone/hm Qty vide p-(6) 4 Trms					
(11) (i) moving km stone					
3 NOS @ ₹ 2297.63/one = ₹					6893 =00
(11) (ii) 200 M stone					
9 NOS @ ₹ 615.77/one = ₹					5569 =00
(12) Pmv. & fixing retro-reflective metal Pmv. Beacon-1					
Qty vide p-(6) 4 Trms					
150.600 M² equilateral triangle					
11 NOS @ ₹ 3472.99/one = ₹					38203 =00
(13) (i) 600 MM circular					
6 NOS @ ₹ 3737.17/one = ₹					22423 =00
(13) (ii) 600 X 450 MM rectangular					
9 NOS @ ₹ 3609.26/one = ₹					32483 =00
(14) Pmv. and fixing boundary b/w Qty vide p-(6) 4 Trms					
26 NOS @ ₹ 533.08/one = ₹					13860 =00
(15) Const. of Inspection Chamber Qty vide p-(12) 4 Trms					
884.46 M³ @ ₹			191.64/M³ = ₹		1694980 =00
			Continuation T = ₹		3444226 =00

3442039 =

Alty - 3829501
cett e MU - 54 d + 28.03.23

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	3442039
			B.f = ₹		3444226=00
Add LC @ 1%			= ₹		34420 / 34442=00
Add GST @ 12%			= ₹		413307=00 / 413045
Add S.F @ 10% on Mate					26349=00
			T = ₹		3918324=00 / 3915853
Less 0.01% below as per agreement			= ₹		392=00
				3915461=	
	Net T =		3917932=00		
Omitted @ 9 in Alty - 3829501=					
	28/03/23				