

M/R Barliya Brand

Asperin

Measurement Book

Schedule XLV-Form No. 134

विद्या(शरीर)

DIVISION

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SUB-DIVISION

3015

प्रमाणित किया जाता है कि इस मायों मुस्तिका
में संगीन से इसे कुल 100 (एक सौ) दृष्ट है
जिसे श्री राजकुमार फ़ासद सिंह यादव, सहायक
अभियंता, ग्रामीण कार्य विभाग, कार्य अवर मंडल
रुड़ि ले नाम निर्गत किया जाता है

कार्यपालक अभियन्ता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल, बिहार शरी

Sch, XLV-Form No. 134

विहारशरीफ DIVISION

रुड़ि SUB-DIVISION

Measurement Book

No. 3015

Name of Officer
श्री राजकुमार फ़ासद सिंह यादव

ग्रामीण कार्य विभाग, कार्य अवर मंडल रुड़ि

Date of first entry

Date of last entry

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.	
1st on A/c Bill					
Name of Work - Repair of Road from					
Baliya-Burandi middle					
School To Baliya Bigha.					
Agency:- Anjani Construction.					
Agreement No & Date - MBD-06-2019-20					
Date of Commencement - 18-12-2019					
Date of Completion - 17-09-2020					
Items					

1) From clearing & Grubbing					
Road land do to rep.					
8	30	2	1.40		672.00 m ²
16	30	2	1.40		1344.00
1	30	2	1.40		60.00
15	30	2	1.35		1215.00
8	30	2	1.35		648.00
1	20	2	0.45		9.00
/					
Totals					3948.00 m ²
or 0.39 Hect.					
or 0.3900 Hect.					

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 9.9.20
 S.E

Continuation
 10/9/20
 AB

Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
1) Const of G.S.B by Prov.					
- do - do - all Conf Jds.					
22 x 4.20 x 1.30 x 0.175					21.021 m ³
18 x 2.90 x 1.10 x 0.175					10.049
25 x 2.40 x 1.30 x 0.175					13.650
32 x 3.10 x 1.50 x 0.175					25.20
27 x 2.80 x 1.25 x 0.175					16.538
31 x 3.40 x 1.20 x 0.175					22.134
31 x 2.95 x 1.70 x 0.175					27.205
Total qty-					135.798 m ³

Ksine					
17.9.20					
J.E					
1) Prov. & laying W.B.M Gr-2					
do - do - all Comp Job.					
22 x 4.50 x 1.40 x 0.075				10.395 m ³	
18 x 3.10 x 1.25 x 0.075				5.231	
25 x 2.50 x 1.50 x 0.075				7.031	
32 x 3.40 x 1.70 x 0.075				13.872	
31 24 x 3.65 x 1.45 x 0.075				12.305	
31 x 3.15 x 1.95 x 0.075				14.281	
27 x 3.40 x 1.50 x 0.075				9.112	
15 x 3.10 x 1.90 x 0.075				6.626	
Total qty				78.853 m ³	
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1.) Prov. & applying Tack coat					
(RS-1) - 20-20 - all Conf Jct					
18 x 3.55 x 1.75					111.83 m ²
22 x 4.60 x 1.75					177.10
18 x 3.20 x 1.50					86.40
25 x 2.50 x 1.80					112.50
32 x 3.60 x 2.40					230.40
31 x 3.75 x 1.80					209.25
27 x 3.30 x 2.40					178.20
15 x 3.30 x 2.25					111.38
31 x 3.25 x 2.15					216.61

Total qty - 1433.67 m ²				
2.) Prov. laying & rolling of				
close graded Premix				
- 20-20 - all Conf Jct				
18 x 3.55 x 1.75				111.83 m ²
22 x 4.60 x 1.75				177.10
18 x 3.20 x 1.50				86.40
25 x 2.50 x 1.80				112.50
32 x 3.60 x 2.40				230.40
31 x 3.75 x 1.80				209.25
27 x 3.30 x 2.40				178.20
15 x 3.30 x 2.25				111.38
31 x 3.25 x 2.15				216.61

Total qty 1433.67 m²
Continuation

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2.) Prov. & laying semi dense bituminous concrete - 20- - 20 - all Comp job.					
4 x 30 x 3.75 x 0.025					11.250 m³
12 x 30 x 3.75 x 0.025					33.750 "
5 x 30 x 3.75 x 0.025					14.063 /
8 x 30 x 3.75 x 0.025					22.500
3 x 30 x 3.75 x 0.025					8.438 /
6 x 30 x 3.75 x 0.025					16.875 /
2 x 30 x 3.75 x 0.025					5.625 /
Total Qty					112.501 m³

3.)	Providing of typical informatory sign-200	
	1x1 No. — qty- 1 No.	
4.)	Providing of hot applied-20-20 cm	
	16x30x2x0.10	96.00 m ²
	24x30x2x0.10	144.00
	Total qty- 240.00 m ²	
5.)	Providing of hot applied-20-20 cm	
	3x30x2x0.10	18.00 m ²
	1x2x2x0.10	0.40
		1
	Total qty- 18.40 m ²	

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J-E

Continuation

AB

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
1.) Prov. cleared & Rubbing Road land 20-20-40					
0.390 hect (v.T.M.B.P-1)					
@ Rs. 47438.85/m ² ft.					18521.00
2.) Cost of G.S.B by Prov. 20-20-40 all G.S.B.					
135.798 m ² (v.T.M.B.P-2)					61647.20
@ Rs. 1595.82/m ² ft.					216709.40
3.) Prov. & laying W.B.M. 20-20-40 all G.S.B.					
78.853 m ² (v.T.M.B.P-2)					
@ Rs. 2266.09/m ² ft.					178688.40
4.) Prov. & laying W.B.M. 30-30-40 all G.S.B.					
107.526 m ² (v.T.M.B.P-3)					164839.20
@ Rs. 2397.89/m ² ft.					257836.40
5.) Prov. & applying Prime coat (SS-1) 20-20-40 all G.S.B.					
1433.67 m ² (v.T.M.B.P-3)					44565.20
@ Rs. 42.14/m ² ft.					60415.40
6.) Prov. & applying Tack coat (RS-1) 20-20-40 all G.S.B.					
1433.67 m ² (v.T.M.B.P-4)					
4500.00 m ² (v.T.M.B.P-5)					
5933.67 m ²					
@ Rs. 14.46/m ² ft.					85801.40
					Rs. 817970.00

Continuation

Continuation

Continuation

10

Particulars	Details of actual measurement			Contents of area
	No.	L	B.	
		<u>Memorandum</u>		
S.D-SY. -		118104	22	
PSP-SY. -		70863	22	
ITM-M. -		23621	22	
LCSS-M. -		23621	22	8338
SUST - IV -		23621	22	
CGST - IV -		23621	22	
Roy -		9147	22	
SF -		41240	22	
By cheque -		2028198	22	
		2362086	22	
Plus for Rs twenty three six two thousand eight hundred				
gms 10/4/21				
Executive Engineer R.W.D. Work Division Maharashtra				
M. L. S. 9/10/21				
M. L. S. 09/04/2021				

~~errors~~
~~13/04/2024~~

9m2
10/4/22

Executive Engineer
R.W.D. Work Division

~~11/10/21~~

~~Nm. 2.~~
~~09/04/2021~~

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd on A/c Bill					
Name of Work - Repair of Road from					
Baliya-Baranali middle					
School To Baliya Bigha.					
Agency:- Arjani Construction.					
Agreement No 8 Date - MBD-06/2019-20					
Date of Commencement - 18-12-2019					
Date of Completion - 17-09-2020					
Actual Date of Completion - 14-09-21					
Items					
UP to Date measurement					
1) Prov. supplying Tank					
cost (RS/-) - 20.20.					
1x 15x	8.20	4.90	3.75		83.25 m ²
2x 30x	3.75				225.00
1x 25x	3.75	4.35	3.75		98.75
10x 30x	3.75				1125.00
1x 20x	3.75				75.00
1x 30x	3.75	4.00	3.75		115.00
9x 30x	3.75				1012.50
1x 14x	3.75				52.50
31.00 m ² P.C.C					
5x 30x	3.75				562.50
1x 26x	3.75	4.70	3.75		100.53
8x 30x	3.75				900.00
1x 30x	3.75	4.50	3.75		120.00
Total - 4470.03					m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B. F. Qty-		4470.03 m ²
3 x 30 x 3.75					337.50
1 x 20 x $\frac{3.75 + 4.20 + 3.75}{3}$					78.10
3 x 30 x 3.75					337.50
1 x 20 x $\frac{3.75 + 4.20 + 3.75}{3}$					78.10
1 x 15 x 3.75					56.25
1 x 17 x $\frac{3.75 + 4.40 + 5.50}{3}$					77.85
			Total Qty-		5434.63 m ²
Less Previous Qty (v.p.s)			(-) Qty-		4500.10 m ²
			Net Qty-		934.63 m ²
2) Prov. & laying S.D. B.C					
- do - do - all Conf.					
1 x 15 x $\frac{8.20 + 4.90 + 3.75}{3} \times 0.025$					2.081 m ³
2 x 30 x 3.75 x 0.025					5.625
1 x 25 x $\frac{3.75 + 4.35 + 3.75}{3} \times 0.025$					2.469
10 x 30 x 3.75 x 0.025					28.125
1 x 20 x 3.75 x 0.025					1.875
1 x 30 x $\frac{3.75 + 4.20 + 3.75}{3} \times 0.025$					2.875
9 x 30 x 3.75 x 0.025					25.313
1 x 14 x 3.75 x 0.025					1.313
91.0 m ² utr. f.c.c					-
5 x 30 x 3.75 x 0.025					14.063
1 x 26 x $\frac{3.75 + 4.10 + 3.75}{3} \times 0.025$					2.513
8 x 30 x 3.75 x 0.025					22.500
1 x 30 x $\frac{3.75 + 4.50 + 3.75}{3} \times 0.025$					3.40
3 x 30 x 3.75 x 0.025					8.438
			Total Qty-		120.190 m ³

Continuation

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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5.) Prov. & fixing of typical inter board - do do		1x1	No - qty -	1 No.	
6.) Prov. & fixing R.C.C.M-15 ordinary stone - do do		3x1	No - qty -	3 Nos.	
7.) Prov. & fixing ordinary 200 mm stone precast - do do		6x1	No - qty -	6 Nos.	
8.) Prov. & fixing reflective sign board - do do		2x1	No - qty -	2 Nos.	
(i) 600mm equilateral triangle		2x1	No - qty -	2 Nos.	
(ii) 600x450mm Rectangular		2x1	No - qty -	2 Nos.	
(iii) 800x600mm Rectangular - do do		1x1	No - qty -	1 Nos.	
9.) Const of sub grade & earthen shoulders - do do					
5x30x2x1.00 (cu) x 0.30					90.00 m ³
3x30x2x1.00 (cu) x 0.30					27.00
6x30x2x1.00 (cu) x 0.30					108.00
3x30x1x1.00 (cu) x 0.30					27.00
4x30x2x1.00 (cu) x 0.30					72.00
1x30x1x1.00 (cu) x 0.30					9.00
12x30x2x1.00 (cu) x 0.30					216.00
10x30x2x1.00 (cu) x 0.30					180.00

Total qty - 729.00 m³Ksingl
14.9.21
J.E

Continuation

18/10/21
AB

Continuation

Particulars		Details of actual measurement			Contents of area
No.		L.	B.		
11)	Prov. & firing of hot				
	286.40 m	2.7	1.2	2774	612.00
	(V.T.M.B.P. 13)				
12)	Prov. & firing of hot				
	18.20 m	2.7	1.2	210	604.00
	(V.T.M.B.P. 13)				
13)	Prov. & firing of hot				
	3 Nos.	2.7	1.2	155	66.00
	(V.T.M.B.P. 14)				
14)	Prov. & firing of hot				
	6 Nos.	2.7	1.2	3443	7164.00
	(V.T.M.B.P. 14)				
15)	Prov. & firing of hot				
	2 Nos.	2.7	1.2	9287	6670.00
	(V.T.M.B.P. 14)				
(i)	600mm x 450mm Rectangular				
	2 Nos.	2.7	1.2	6670	6670.00
	(V.T.M.B.P. 14)				
(ii)	800x600mm Rectangular				
	1 No.	2.7	1.2	6670	6670.00
	(V.T.M.B.P. 14)				

Total Rs-3033271.00
Continuation

Continuation

Material Statement

Q/w -	729.40 m ³
Tackcoat (P-1) -	0.257 m ³
Stone chips -	35.13 m ²
Bitumen	- 2.745 m ³

Asingl. ~~14.9.21~~ ~~12/10/21~~
J-E AR

P.T.O.

Total Rs. 1379142

Sch. XLV-Form No. 134				
Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
Memo of payment				
450292	S.D. 57		6896	2
	P.S.D. 31		4137	2
	2.70	11	1379	2
	4/1055	11	1379	2
	6/1055	11	1379	2
	6/1055	11	1379	2
	6/1055	11	1379	2
	7.6	10	1379	2
	Recy		10,000	2
	ST		4689	2
By chagla		92885	2	
Total			127914	2

pass for Rs one lakh thirty seven thousand nine hundred forty two

Gm
21/10/21

21/10/21

21/10/21

21/10/21

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	3rd and final	13/11			
Name of Work	Repair of Road from				
	Belija Barandi middle				
	School To Belija Bigha				
Agency:-	Anjani Construction.				
Agreement No.	8 Date-MBD-06/2019-20				
Date of Commencement	18-12-2019				
Date of Completion	17-09-2020				
Actual Date of Completion	14-09-2021				
	25.10.21				

ABSTRACT OF COST			
1.) Prov. clearing & Grubbing.			
Road land - 2000 sq. ft.			
0.390 Hect (V.T.N.B.P-15)			
@ Rs. 47488.85/m ² sq. ft.			18521.00
2.) Cost of sub grade &			
earth shoulders - 2000 sq. ft.			
729.00 m ³ (V.T.N.B.P-15)			
@ Rs. 161.39/m ³ ft.			117602.00
3.) Cost of G.S.B by Prov.			
2000 sq. ft. all Cont.			
135.798 m ³ (V.T.N.B.P-15)			
@ Rs. 1595.82/m ³ ft.			215709.00

Rs. 352832.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10.) Const of un-reinforced.					
- do - do - all Conf Jts.					
55.40 m ³ (V.T.M.B.P-16)					
@ Rs. 6463.39/m ³ - Rs.					358072.00
11.) Prov & fixing typical					
27 for masonry - 200					
2 Nos. (V.T.M.B.P-16)					
@ Rs. 8853.07/m ² - Rs.					17906.00
12.) Prov & laying of hot applied					
- do - do - Conf Jts.					
286.40 m ² (V.T.M.B.P-17)					
@ Rs. 735.35/m ² - Rs.					210604.00
13.) Prov & fixing of hot.					
applied - do - do conf					
18.20 m ² (V.T.M.B.P-17)					
@ Rs. 854.72/m ² - Rs.					15555.00
14.) Prov & fixing ordinary.					
m stone - do - do conf					
3 Nos. (V.T.M.B.P-17)					
@ Rs. 1978.33/m ² - Rs.					5935.00
15.) Prov & fixing 200 mtr					
stone - do - do conf					
6 Nos. (V.T.M.B.P-17)					
@ Rs. 573.35/m ² - Rs.					3443.00
16.) Prov & fixing Retro					
reflective - do - do					
(2) 600 mm equivalent					

Continuation

Continuation