

Bikash Kumar

Balwika (MMS 11)

Balwika.

M.M.G.S.Y

Schedule XIV - Form No. 1315

(General)

Form No. 1315

BIHAR P.W. D.

RWD Masaurhi

DIVISION

RWD Masaurhi

SUB-DIVISION

M.B. No. 794

MEASUREMENT BOOK. 794

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

FDR

Name of Work: - Construction of road from Berong
pan GSY road to
Balaithe in Block
Masauti under
man GSY.

Name of Agency: - Sri Bikash Kumar
Sukhmandan Chak
Bhowar, Si Kariya
Taharabad.

Supplementary Agreement No. 43/5039/2015-2016
Date of start: 20.09.2021
Date of completion: 15.10.2021

Measurement

1. Construction of S. B with
well graded - - - - -

2x	36.00	x	0.90	x	0.125	=	8.100 m ³
1x	20.00	x	3.75	x	0.125	=	9.375 m ³
4x	4.00	x	3.75	x	0.125	=	7.500 m ³
2x	16.00	x	0.95	x	0.100	=	3.040 m ³
2x	13.00	x	3.75	x	0.150	=	3.375 m ³
2x	22.00	x	0.90	x	0.150	=	5.940 m ³
1x	19.00	x	3.75	x	0.100	=	7.125 m ³
3x	3.00	x	3.75	x	0.150	=	5.062 m ³
1x	12.00	x	3.75	x	0.100	=	4.500 m ³
1x	6.00	x	3.75	x	0.100	=	2.250 m ³
2x	30.00	x	0.90	x	0.125	=	6.750 m ³
6x	25.00	x	3.60	x	0.100	=	54.000 m ³
							= 117.017 m ³
							117.02 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
2. Prod. laying Spreading and Compacting Grd II - GP					
1x 20.00x		3.75	0.075		5.63m ³
2x 36.00x		1.99	0.075		6.48m ³
1x 5.00x		3.75	0.075		1.41m ³
4x 4.90x		3.75	0.075		5.51m ³
2x 18.00x		1.15	0.075		3.11m ³
1x 3.00x		3.75	0.075		0.84m ³
6x 2.00x		2.00	0.075		1.80m ³
2x 25.00x		1.20	0.075		4.50m ³
1x 20.00x		3.75	0.075		5.63m ³
3x 2.00x		3.75	0.075		1.69m ³
2x 8.00x		3.75	0.075		4.50m ³
1x 14.00x		3.75	0.075		3.94m ³
1x 9.00x		3.75	0.075		2.53m ³
2x 30.00x		1.20	0.075		5.40m ³
					52.97m ³
					52.97m ³
3. Prod. laying Spreading and Compacting Grd II - GP					
5.00x		7.00+4.50			28.75m ²
5.00x		4.50+3.70			20.10m ²
15.00x		3.70+3.35			52.87m ²
25.00x		3.35+3.55			86.25m ²
25.00x		3.55+3.50			88.12m ²
25.00x		3.50+3.40			86.25m ²
25.00x		3.40+3.60			87.50m ²
25.00x		3.60+3.50			88.75m ²
25.00x		3.50+3.70			90.00m ²
25.00x		3.70+3.60			91.25m ²
Continuation					= 719.84m ²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				135	719.84m ²
25.00x		3.60	3.40	$\frac{3.60+3.40}{2}$	87.50m ²
25.00x		3.40	3.70	$\frac{3.40+3.70}{2}$	88.75m ²
25.00x		3.70	3.50	$\frac{3.70+3.50}{2}$	90.00m ²
25.00x		3.50	3.60	$\frac{3.50+3.60}{2}$	88.75m ²
25.00x		3.60	3.40	$\frac{3.60+3.40}{2}$	87.50m ²
Timing 10.00x		3.40	3.90	$\frac{3.40+3.90}{2}$	36.50m ²
15.00x		3.90	3.80	$\frac{3.90+3.80}{2}$	57.75m ²
25.00x		3.80	3.40	$\frac{3.80+3.40}{2}$	90.00m ²
25.00x		3.40	3.80	$\frac{3.40+3.80}{2}$	90.00m ²
5.00x		3.80	3.60	$\frac{3.80+3.60}{2}$	18.50m ²
					1455.09m ²
					Area = 1455.09m ² "X"
Qty					1455.09x0.075 = 109.13m ³
					= 109.13m ³

4. Proo. applying primer
Coat with — GP

Area Same As Item

Mo- 3 PM-42-matched "X"

= 1455.09m²

5. Proo. laying and rolling
of close graded GP

Area Same As Item

Mo- 4 = 1455.09m²

6. Proo. and applying tack
Coat with — GP

Area Same As

Item No- 5

= 1455.09m²

7. Proo. laying and rolling
of close graded GP

Area Same As Item No- 5 = 1455.09m²

29/03/2018 Continuation

29/03/2018

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
8. Constn. of Vitrified					
Cement Concrete - E.P.					
3x	15.00	$\frac{3.60+3.80}{2}$	0.160		$= 25.56m^3$
2x	25.00	$\frac{3.70+3.80}{2}$	0.160		$= 30.00m^3$
2x	22.00	$\frac{3.60+3.70}{2}$	0.160		$= 25.69m^3$
					$= 81.25m^3$
9. Brick masonry work					
with cement - E.P.					
2x	6.15	$\frac{0.50+0.40}{2}$	0.70		$= 3.87m^3$
					$= 3.87m^3$
10. Plastering with Cement E.P.					
2x	2x	6.15	0.70		$= 17.22m^2$
2x	2x	6.15	0.40		$= 9.84m^2$
					$= 27.06m^2$
					$= 27.06m^2$
11. Pro 1.50 mm thick Cement					
putting - - - E.P.					
As per sample's H.P.					
of Page 43 marked 'Y'					
					$= 27.06m^2$
12. Constn. of earthen subgrade E.P.					
2x	25.00	2.00	2.90		$= 290.00m^3$
					$= 290.00m^3 = 288m^3$

Sch. XLV-Form No. 134

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

Materials Statement

(I) Stone metal	-	286.94m ³			
(II) Local Sand	-	59.68m ³			
(III) Screening materials	-	47.00m ³			
(IV) Emulsion SS	-	1236.83kg			
(V) Emulsion Ps	-	400.15kg			
(VI) Bitumen	-	2765kg			
(VII) Stone chips	-	112.41m ³			
(VIII) Coarse sand	-	38.25m ³			
(IX) Bricks	-	1935 Nos			

[A] Bitumen - H. P. C. L. Coys

Tax Invoice No - 13675GI21001692

Date - 17-03-2022

VG-10 → 200 161.80 = 3236.00kg

[B] Emulsion - TONIC PRODUCTS
Agam Kuan, Patna

Invoice No - IP/BR/TS-21-22/17

Date - 26-03-2022

(I) Emulsion SS - 2715 = 1.20m³

(II) Emulsion Ps - 0.40m³

[Signature]
04/04/2022
JB

[Signature]
05-10-22
m

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Abstract of work					
1. Setting out — — — — —					
Vide item No 1 PM 33					
0.80 Km ² $\times$ 15383.60/Km ²					12307.2
2. Clearing & grubbing — — — — —					
Vide item No 2 PM 33					
0.28 Hae ² $\times$ 36182.79/Hae ²					10131.20
3. Construct embankment with — — — — —					
Vide item No 3 PM 33					
2500.11 m ³ $\times$ 161.44/m ³					403618.20
4. Construct embankment with approach — — — — —					
Vide item No 4 PM 33					
1666.74 m ³ $\times$ 144.65/m ³					241094.20
5. Construct Subgrade with earthen — — — — —					
972.00 m ³ Vide item No 5 PM 33					
288.00 m ³ Vide item No 6 PM 33					
1260.00 m ³ $\times$ 162.86/m ³					205204.20
6. Construct Cr. S. B with — — — — —					
283.50 m ³ Vide item No 6 PM 33					
225.01 m ³ Vide item No 13 PM 33					
117.02 m ³ Vide item No 1 PM 30					
625.53 m ³ $\times$ 1826.86/m ³					1142768.20
7. Proc. Leasing & spreading and Compacting Gr II — — — — —					
111.15 m ³ Vide item No 7 PM 33					
59.95 m ³ Vide item No 2 PM 41					
164.10 m ³ $\times$ 2671.56/m ³					445609.20
					$\times$ 2460731.20

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				BFT	246073120
8. Pro. laying Sparingly and Compactly Coat - 62					
118.15m ³ Videritem No- 8PM36					
109.13m ³ Videritem No- 8PM42					
200.98m ³ @ 2674.78/m ³ = 59360600					
9. Pro. and applying primer Coat with - - - 62					
1473.24m ² Videritem No 9PM34					
1455.09m ² Videritem No 9PM42					
2928.33m ² @ 21.21/m ² = 149960200					
10. Pro. and applying and rolling of the Coat - 62					
1473.24m ² Videritem No 10PM34					
1455.09m ² Videritem No 10PM42					
2928.33m ² @ 17.89/m ² = 52388200					
11. Pro. and					
2928.33m ² @ 17.89/m ² = 52388200					
11. Pro. Laying rolling and Compactly - - - 62					
1473.24m ² Videritem No 11PM34					
1455.09m ² Videritem No 11PM42					
2928.33m ² @ 17.89/m ² = 52388200					
12. Pro. and Laying Seal coat - 62					
1473.24m ² Videritem No 12PM34					
1455.09m ² Videritem No 12PM42					
2928.33m ² @ 49.94/m ² = 146216200					
					3907511200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				BFF	3907511200
13. Const of Unroverland					
Comm. — — —				GI	
284.85m ³ Vide Item No 14 PN 35					
8.1.25m ³ Vide Item No 8 PN 43					
366.10m ³ BFF 6506.75m ³ BFF					2382121200
14. Prov. 1cm stone — GI					
Vide Item No 15 PN 35					
1 Mos e ² 2001.46/Each =					2001200
15. Prov 2cm stone — GI					
Vide Item No 16 PN 35					
3 Mos e ² 584.93/Each =					1695200
16. Prov. Finishing of typical					
Informatory of masonry —					
Vide Item No 17 PN 35					
1 Mos e ² 8523.45/Each =					8523200
17. Prov. Finishing of masonry					
of 600 sq. ft. — — GI					
Vide Item No 17 PN 35					
2 Mos e ² 1455.82/Each =					2912200
18. Prov. Finishing of 600 mm					
Circular — — GI					
Vide Item No 18 PN 35					
2 Mos. e ² 1518.27/Each =					3037200
19. Prov. Finishing of 800x600 mm					
— — — GI					
Vide Item No 19 PN 35					
2 Mos e ² 1615.14/Each =					3230200
20. Prov. Finishing of 800x600 mm					
— — — GI					
Vide Item No 20 PN 35					
2 Mos e ² 1511.88/Each =					3024200
Continuation					6314054200

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				BF	6314.05420
21. Pro. Laying of Home					
pipe for duct				ED	
				Vide item No. 22 PM-36	
22.50 m ²		614.40/m			1382420
22. Pro. Laying of H/P					
thermo plastic				ED	
				Vide item No. 23 PM-36	
80.00 m ²		828.11/m ²			6624920
23. E/W of Cinema section					
46.98 m ³				Vide item No. 24 PM-36	
29.80 m ³				Vide item No. 28 PM-37	
6.48 m ³				Vide item No. 32 PM-37	
83.26 m ³		207.04/m ³			1723820
24. Pro. Sand filling					
				Vide item No. 33 PM-37	
1.08 m ³		476.47/m ³			51520
25. Pro. P.C. in ft. H				ED	
2.96 m ³				Vide item No. 29 PM-37	
6.16 m ³				Vide item No. 25 PM-36	
1.08 m ³				Vide item No. 34 PM-37	
10.20 m ³		4862.39/m ³			4959620
26. Brick masonry work					
45.50 m ³				Vide item No. 26 PM-36	
30.61 m ³				Vide item No. 30 PM-37	
3.87 m ³				Vide item No. 9 PM-36	
79.98 m ³		6123.27/m ³			48973920
27. Pro. Laying of H/P				ED	
				Vide item No. 27 PM-36	
22.50 m ²		1220.84/m ²			2746920
Continuation					697868420

Continuation

04/04/22