

Name of Road :- ~~RD No. 123456789~~

Bahrauli TO Bahrauli Hoti huc Anna
Bano Pur Yadau Tolga Tak.
Schedule XLV-Form No. 134

MIRIN
3054

MB.NO:-726

Executive Engineer
Rural Works Department

Works Div. Meerhara

DIVISION

121111

SUB-DIVISION

MEASUREMENT BOOK

Raju Kumar Singh

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.	
			Final		
			IS-1 and 1/2 BCU		
Name of work -	M/R to Bahrauli to				
	Bansghat Ht. Anna Barapur				
	xadon toa toa				
Agency -	Rajiv Kumar Singh				
	nu - mashaikh Bakhayra				
	Jeter, P.O. Mashaikh				
	Sardar				
Ag. No -	12	MR	3054	2020-21	
Work start -	25.09.2020				
Work completion ;	24.06.2021				
Actual date of completion -	2.6.2021				
	after agreement				
	item of work				
(1)	Clearing and grubbing				
	road land				
	2x	20Mx30M	1.0		1200 M ²
	2x	20x 30M	1.0		1200 M ²
	2x	20x 30M	1.0		1200 M ²
	2x	20x 30M	1.0		1200 M ²
	2x	20x 30M	1.0		1200 M ²
	2x	20x 30M	1.0		1200 M ²
	2x	20x 30M	1.0		1200 M ²
	2x	20x 30M	1.0		1200 M ²
	2x	20x 30M	1.0		1200 M ²
	2x	9x 30M	1.0		540 M ²
	2x	1x 20M	1.0		40 M

Continuation

T 10/80 M²
or 1.018 Hect

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) P/V G.S.B. for Grading II material Prof Measurement G.S.B.					
	9x	9.36	1.80	0.175	$= 26.53 \text{ m}^3$
	6x	8.20	2.10	0.175	$= 18.08$
	5x	11.60	2.50	0.175	$= 25.37 \text{ m}^3$
	3x	10.20	3.50	0.175	$= 18.74 \text{ m}^3$
	5x	12.25	2.25	0.175	$= 24.11$
	2x	9.70	2.0	0.175	$= 6.79 \text{ m}^3$
	8x	11.90	3.10	0.175	$= 51.64$
	3x	3.90	2.50	0.175	$= 5.11 \text{ m}^3$
	5x	10.40	3.0	0.175	$= 27.30 \text{ m}^3$
	2x	7x	1.50	0.175	$= 3.67 \text{ m}^3$
	3x	1.60	3.05	0.175	$= 14.64 \text{ m}^3$
	1x	9.10	1.60	0.175	$= 2.54 \text{ m}^3$
					/
				T	224.52 m^3
(3) P/V W.B.M. Grading II Prof Measurement W.B.M. G II					
	6x	10.50	2.10	0.075	$= 9.92 \text{ m}^3$
	5x	11.30	2.50	0.075	$= 10.59 \text{ m}^3$
	8x	12.85	3.10	0.075	$= 23.90 \text{ m}^3$
	4x	7.70	2.03	0.075	$= 4.68 \text{ m}^3$
	3x	12.60	2.60	0.075	$= 7.37 \text{ m}^3$
	2x	4.80	1.70	0.075	$= 1.22 \text{ m}^3$
	5x	7.40	1.65	0.075	$= 4.57 \text{ m}^3$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	7x11	30M	2.80	0.075	$16.61 M^3$
	5x	10.75	2.50	0.075	$11.01 M^3$
	9x	13.10	2.70	0.075	$23.87 M^3$
	8x	14.30	2.35	0.075	$20.16 M^3$
	5x	15.10	1.90	0.075	$10.75 M^3$
	6x	8.30	1.70	0.075	$6.34 M^3$
	5x	12.20	2.30	0.075	$10.52 M^3$
	7x	9.70	1.80	0.075	$9.16 M^3$
	4x	6.50	1.50	0.075	$2.92 M^3$
	5x	9.45	2.70	0.075	$9.56 M^3$
	1x	3.07	1.65	0.075	$0.99 M^3$
					184.14
					M ³
(4)	P/V W.B.M. G.T.I.				
	not measured W.B.M. G.T.I.				
	10x	12.80	2.30	0.075	$22.08 M^3$
	8x	11.60	2.70	0.075	$18.79 M^3$
	5x	15.30	2.50	0.075	$14.34 M^3$
	7x	10.10	1.90	0.075	$10.07 M^3$
	9x	12.90	3.25	0.075	$27.42 M^3$
	5x	14.0	3.10	0.075	$16.27 M^3$
	8x	11.90	2.80	0.075	$19.99 M^3$
	7x	13.50	3.60	0.075	$25.51 M^3$
	6x	8.40	3.0	0.075	$7.56 M^3$
	4x	15.50	3.40	0.075	$15.81 M^3$
	7x	14.20	3.10	0.075	$23.11 M^3$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	5x	10.90	2.10	0.075	$5 = 8.58 \text{ m}^2$
	4x	3.50	1.50	0.075	$5 = 1.57 \text{ m}^2$
	7x	10.80	2.25	0.075	$5 = 12.75$
	6x	9.50	1.60	0.075	$5 = 6.84 \text{ m}^2$
	5x	11.0	3.20	0.075	$5 = 15.26$
	9x	12.90	3.10	0.075	$5 = 26.99$
	8x	14.50	2.90	0.075	$5 = 25.23$
	1x	3x	1.90	0.075	$5 = 0.42 \text{ m}^2$
	8x	15x	2.80	0.075	$5 = 25.20$
					1
					323.79 m^2
					322.99 m^2

(5)	pore coal (SSI)				
	Area = $\frac{322.99}{0.075} = 4306.53$				m^2
(6)	Jack coal (SSI)				
	B + Area				4306.53
	C.C Portion Area				
	10x	9x	3.75	-	337.50
				T.	4644.03 m^2
(7)	Mixed coal surface				
	Same as Jack coal				
	Area -				4644.03 m^2

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) Pack coral area					
	169 Nos	30 M	3.75		19012.50 m^2
	1 x	20 M	3.75		75.0
					/
				T	19087.5
(9) S.D.B.C.					
	169 Nos	30 M	3.75		0.025
					$= 475.312$
					m^3
	1 x	20 M	3.75		$0.025 = 1.875$
					/
				T	477.187
					m^3
(10) Kalametro stone					
(11) Kalametro stone					06 Nos
(12) 200mm stone					20 Nos
(1) Direction and Place					
rectangular sign					
	2 x	1.20	0.80		1.92 m^2
(2) Retro-reflectorise					
Traffic sign					
(1) 600 mm equilateral					
Triangle					22 Nos
(1) 600 mm circular					18 Nos
(1) 600 mm x 450 mm					
rectangular					22 Nos
(13) Boundary pillars					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	ABSTRACT OF COST				
	(Est and final bill)				
(1/84)	clearing and grubbing road land.				
	Qty used TMB P-01				
1.018 Hect	Cs	511.33	76	/Hect	52054=
2/86	P/V G.S.B. for gravel				
	II material				
	Qty used TMB P-02				
224.52 M ³	Cs	2532.33	/M ³		568556
(3/87)	P/V W.B.M. Gr II				
	Qty used TMB P-03				
184.14 M ³	Cs	4797.33	/M ³		883380
4/88	P/V W.B.M. Gr III				
	Qty used TMB P-04				
322.99 M ³	Cs	4266.54	/M ³		1378050
(5/89)	prime coal (SSI)				
	Qty used TMB P-04				
4306.53 M ²	Cs	42.26	/M ²		181994
6/90	P/V Tack coat				
	Qty used TMB P-04				
4644.03 M ²	Cs	14.36	/M ²		66688
(7/91)	P/V M.S.S.				
	Qty used TMB P-04				
4644.03 M ²	Cs	238.90	/M ²		1109489

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{8}{92}$)	P/V	Tack coat			
		Avg. width TMBP-05			
19087.50 M ²	CR	12.04	1 M		229814=
($\frac{9}{93}$)	P/V	S.D. 13. C.			
		Avg. width TMBP-05			
477.187 M ²	CR	11870.19	1 M		5664336 5664356
($\frac{10}{94}$)	Kilometre stone				
		Avg. width TMBP-05			
6 Nos	CR	2323.16	each		13939=
($\frac{11}{95}$)	200m Stone				
		Avg. width TMBP-05			
20 Nos	CR	631.98	each		12640=
($\frac{12}{96}$)	Direction and place identification				
		Sign			
		Avg. width TMBP-05			
1.92 M ²	CR	12378.51	1 M		23767=
($\frac{13}{97}$)	600 mm aggregates at Triangle				
		Avg. width TMBP-05			
22 Nos	CR	3674.72	each		80844=
($\frac{14}{98}$)	600 mm concrete				
		Avg. width TMBP-05			
18 Nos	CR	3771.26	each		67883=
($\frac{15}{99}$)	600 mm x 480 mm				
22 Nos	CR	3642.14	each		80127=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) 16 101	Road works				
	by M.C. M.B. 06				
1018 M ²	Ex	735.44/M			748678=
(17) 100	planting of tree and their maintenance for one year				
	by M.C. M.B. 06				
255 Nos	(16)	819.92 each			209080=
(18) 107	P/V and fixing logo of maintenance of project				
	by M.C. M.B. 06				
4 Nos	(18)	9471.92 each			37888=
19 85	Construction of sub-gran and curbs shoulder				
	by M.C. M.B. 06				
2137.80 M ³	Ex	176.86/M ³			378091=
					/
					T.P. 1,17,87,268=
		add 12% GST			1414472=
		1% L.C.E.S.S			117873=
		0.50% S.P.			58936=
					/
		G.T.			1,33,78,549=
		1.11% below as per			(-) 148502=
		Net			1,32,30,047=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Material statement				
A)	G.S.B. Grading II				
	26.5 mm to 9.5 mm = 100.58 m ³				
	9.5 mm to 2.36 mm = 71.84 m ³				
	2.36 mm below (sand) = 114.15 m ³				
B)	W.B.M. Gr II				
	63 mm - 45 mm = 222.80 m ³				
	11.2 mm screening = 47.87 m ³				
	Bundling material = 14.73 m ³				
C)	W.B.M. Gr III				
	53 mm to 22.4 mm				
	53 mm - 22.4 mm = 390.81 m ³				
	11.2 mm screening = 77.51 m ³				
D)	Pavement surface				
	Emulsion (SS1) = 3.66 MT				
	Emulsion (RS1) = 1.27 MT				
	Emulsion (RS1) = 4.29 MT				
	Bitumen - M.S.S. = 8.117 MT				
	Bitumen S.D.B.C. = 55.05 MT				
	Stone chips 13.2 mm - 0.49 = 125.38 m ³				
Stone chips	9.5 mm - 4.75 mm = 397.49 m ³				
	4.75 mm - below = 285.83 m ³				
	filler material = 20.99 m ³				
E)	Earth				2137.80 m ³
	2.6.21				

Continuation

Continuation

S.D 5% —————	65,1250 =
Income Tax - 1% —————	1,30,850 =
G.C - 1% —————	1,30,850 =
CYST - 1% —————	1,30,850 =
SCYST - 1% —————	1,30,850 =
Royalty —————	3,48,195 =
S-Fee —————	1,44,777 =
Net pay Amount —————	1,14,14,378 =
Total —————	1,30,85,000 =

Rs-16,70,622 = 00

Passwd For RS- 1,30,85,000 = 00 One crore

Thirty Lac Eighty Five - 4000 gm Net

Pay Amount - Rs- 1,14,14,378 = 00 One crore thirty

Lac Fourty four Lac Fourty four thousand

Three hundred seventy Eight only 0

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