

MR-3054 अतिशय महत्वपूर्ण MB. No-4030

Name of Road:- Bahari Bahera Road to Amla

Schedule XLY-Form No.-134

BARBHANA DIVISION

BAHARI SUB-DIVISION

MEASUREMENT BOOK

Under:- MR 3054, New Maintenance Policy 2018

1

Name of Work - Maintenance and repair of Road with maintenance
 Situation of work - 1 Bheri - Bhera Road to Amta. - 1/11.
 Agency by which work is executed - SYV Construction Pvt. Ltd.
 Date of measurement - Akhara Ghat, Muzaffarpur.
 No. and date of agreement - 51 MBD/2021-22
 (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.	
Estimated Cost:-	Rs. 1,99,75,184	= 00.			(For Two Roads)
"	" This Road:-	Rs. 93,28,952	= 00.		
Agreement Value:-	Rs. 1,99,73,198	= 00.			(For Two Roads)
Agreement Value (This Road):-	Rs. 93,28,99	= 00.			
Rate:-	0.01 % Below from BOQ rate.				
Date of start:-	20.11.2021				
Date of Completion:-	19.8.2022				
Date of entry:-	21.9.2022				
(1) Clearing and Grubbing road					
land - do do -					
	2x 7.47	30.00	x 1.00	=	26.10.00
	2x 9x	30.00	x 1.00	=	540.00
	2x 1x	10.00	x 1.00	=	20.00
	2x 3x	30.00	x 1.00	=	180.00
	2x 20x	30.00	x 1.00	=	1200.00
	2x 1x	10.00	x 1.00	=	20.00
					4600.00 m ²
				Say	0.460 Hect.
(2) Construction of granular					
sub-base by providing					
well graded material of					
grading-I material - do do					
	4x 2.00	x 1.40	x 0.100	=	1.120 m ³
	6x 3.00	x 1.60	x 0.100	=	2.88 "
	3x 4.00	x 1.50	x 0.100	=	1.80 "
	4x 2.00	x 1.80	x 0.100	=	1.44 "
					7.24 m ³

c.o.d. = 7.24 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of entry:- 03.10.2022					
①	Providing, laying, spreading and compacting stone aggregates Grading 3				
	do do				
	IN 1st 1/4 KM.				
A	4x	8.00x	1.50x	0.075 =	3.600 m ³
	2x	11.00x	1.00x	0.075 =	1.650 "
	5x	8.00x	1.50x	0.075 =	4.500 "
	4x	7.50x	2.10x	0.075 =	4.410 "
	5x	8.00x	1.50x	0.075 =	4.500 "
	4x	5.00x	2.10x	0.075 =	3.150 "
	5x	9.00x	1.40x	0.075 =	4.725 "
	IN 2nd 1/4 KM.				
	4x	6.00x	1.80x	0.075 =	3.240 "
	3x	9.00x	2.20x	0.075 =	4.460 "
B	5x	8.00x	2.20x	0.075 =	6.600 "
	6x	11.00x	2.00x	0.075 =	9.900 "
	5x	6.00x	1.00x	0.075 =	2.250 "
	4x	8.00x	1.00x	0.075 =	2.400 "
	4x	6.00x	2.10x	0.075 =	3.780 "
	2x	5.00x	2.00x	0.075 =	1.500 "
	8x	6.50x	0.90x	0.075 =	3.510 "
	IN 3rd 1/4 KM.				
	4x	8.00x	1.80x	0.075 =	4.320 "
	3x	5.00x	2.20x	0.075 =	2.460 "
C	4x	6.00x	2.10x	0.075 =	3.780 "
	2x	5.00x	2.00x	0.075 =	1.500 "
	8x	6.50x	3.00x	0.075 =	11.700 "
	2x	8.00x	1.30x	0.075 =	1.560 "
	5x	5.00x	1.00x	0.075 =	1.875 "
	4x	9.00x	0.90x	0.075 =	2.430 "
					93.81 m ³ .

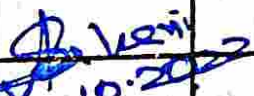
Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①	clearing and grubbing				
	road land	do do.			
	V.P. ①		0.460 Hect.		
	@ Rs. 51,137 = 38/Hect.				Rs. 23,523 = 00
②	Construction of granular sub-base (G.S.B.)	do do.			
	V.P. ②		37.95 m ³		
	@ Rs. 3005 = 53/m ³				Rs. 1,14,800 = 00
③	Providing laying spreading and compacting stone metal				
	80-3	do do.			
	V.P. ③		93.81 m ³		
	@ Rs. 3747 = 16/m ³				Rs. 3,51,521 = 00
④	Providing and applying				
	primer coat with bitumen emulsion SS-1.				
	V.P. ④		1263.30 m ²		
	@ Rs. 43 = 32/m ²				Rs. 54,726 = 00
⑤	Providing and applying				
	Jack coat with bitumen emulsion RS-1	do do.			
	V.P. ⑤		2588.88 m ²		
	V.P. ⑥		11363.10 "		
			13951.98 m ²		
	Unit to 13951.43 m ²				
	@ Rs. 14 = 82/m ²				Rs. 2,06,760 = 00
⑥	Providing laying and filling of close graded premix				
	surfacing of 20mm thick	do do.			
	V.P. ⑥		2588.88 m ²		
	@ Rs. 214 = 62/m ²				Rs. 5,55,625 = 00
					C.O. Rs. 13,06,155 = 00.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.		
				Rs.	53,80,768=
(15.)	Traffic Signs rectangular.				
	N.P.	$\frac{7}{10}$	4 Nos.		
	@ Rs. 3085 = 72 each				Rs. 12,343=
(16.)	Boundary pillars.				
	N.P.	$\frac{7}{11}$	36 Nos.		
	@ Rs. 532 = 74 each				Rs. 19,179=
(17.)	Planting of trees				
	V.P.	$\frac{7}{12}$	115 Nos.		
	@ Rs. 820 = 42 each				Rs. 94,348=
(18.)	Boarding brick masonry				
	1m ² m (113) m ² m ² m ² m ²				
	V.P.	$\frac{7}{13}$	18.14 m ²		
	@ Rs. 5234 = 42/m ²				Rs. 94,952=
(19.)	Plastering with cement mortar (1:4) d. - d.				
	V.P.	$\frac{7}{14}$	126.72 m ²		
	@ Rs. 167 = 71/m ²				Rs. 21,252=
(20.)	Painting 2 coats.				
	V.P.	$\frac{7}{15}$	126.72 m ²		
	@ Rs. 98 = 78/m ²				Rs. 12,517=
					Rs. 56,35,359=
	Add.	GST.	12%		Rs. 6,76,243=
	"	LC	1%		Rs. 56,354=
	"	S.F.			Rs. 41,926=
					Rs. 64,09,882=
	Less 0.01% as per agreement				641=
					Rs. 64,09,241=
	Total				
	16/12/2022				
	16/12/2022				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Material statement.</u>				
①	E/W.				1857.38 m ³
②	Coarse Sand.				20.04 m ³
③	Stone metal / chips / Agg.				644.65 m ³
④	Bricks.				9070 Nos.
⑤	Waste plastic				0.394 t.
⑥	SS-1 Bitumen emulsion =				1.074 t.
⑦	RS-1 " " =				3.837 t.
⑧	S-90 or VG10 Bitumen =				4.525 t.
⑨	S-65 or VG30 " " =				32.776 t.


 10/10/2022
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