

Package No. MMGS4X 2023-24 Chapra-1/01

Schedule XLV-Form No. 134

Name at Work - Baram Juaru Railway Station to Kothiyar
Hote Chamara Bazar Tak

EE RWD (W)

DIVISION

Chapra-1

AE RWD (W)

SUB-DIVISION

Barakha

Agency - M/S Maa Bhagrathe Const

Measurement Book

No. 4099

4th on A/c Bill
31.

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: —	Const and Maint				
	of road from				
	Guram Jara Railway				
	Station to Kathiya				
	note hue Dhanawa				
	Bazar take.				
Agg No: —	06 MBD / 24-25				
Name of agency: —	M/s Mac				
	Bhagisathi				
	Const At Kar Diya Chapra				
Agg. Amount: —	Rs 273.0845 lacs				
	(with Maint)				
D.O.W.O to Commence the work: —					
	25-9-24				

D.O.W.O to Completion the work: —
24-9-25

Work Done Entry

(1/5)

Providing & laying spreading
& Compacting Stone aggregate
of specific size do all complete
job.

$$2 \times 15 \times 3.75 \times 0.075 = 8.43 \text{ m}^3$$

$$2 \times 18 \times 3.75 \times 0.075 = 5.06 \text{ m}^3$$

Total = 13.49 m^3
13.49

(2/6)

Providing & applying
Primer Coat with Bitumen
emulsion (SS-1) do all job.

$$3 \times 15 \times 3.75 = 168.75 \text{ m}^2$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	3.0	X	3.75	= 11.25 m ²
				Total =	180.00 m ²
(3/4) Providing & applying tack Coat with bitumen Emulsion do all complete job					
	3	15	X	3.75	= 168.75 m ²
	1	3.00	X	3.75	= 11.25 m ²
				Total =	180.00 m ²
(4/8) Providing & applying bituminous macadam with 100-120 TPH do all job.					
	2	15	X	3.75 X 0.050	= 5.62 m ³
	1	18.0	X	3.75 X 0.050	= 3.38 m ³
				Total =	9.00 m ³
(5/9) Providing & applying tack coat 2nd coat do all Complete job.					
	2	15	X	3.75	= 112.50 m ²
	1	18	X	3.75	= 67.50 m ²
				Total =	180.00 m ²
(6/9) Providing & laying SDBC as per spec do all job					
	2	15	X	3.75 X 0.025	= 2.81 m ³
	1	18	X	3.75 X 0.025	= 1.69 m ³
				Total =	4.50 m ³
(7/2) Reinforced Cement concrete Mis grade km Stone all job.					
	1	4		=	4 n/os
(8/13) 200 m Stone do all job.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	X	12	=	12 Nos
(9/11) Painting, lines, dashes, arrows etc on roads.					
In two coats do all job.					
	300	X	1.00	X	0.10 = 30.0m ²
(10/15) Providing & fixing of metal-reinforced					
Cautionary, 600 mm					
semicircular & triangle do all					
	1	X	12	=	12 Nos
(11/16) 600 mm Circular do all job					
	1	X	6	=	6 Nos
(12/17) 600 mm x 450 mm rectangular					
	1	X	9	=	9 Nos
(13/18) 900 mm side octagon					
	1	X	2	=	2 Nos
(14/19) Reinforced cement					
Concrete M15 grade boundary					
Pillars/local stone do all job.					
	1	X	36	=	36 Nos.
(15/20) Painting new letter and					
figures of any shade					
with synthetic enamel paint					
do all complete job.					
	1	X	1	X	2.00 X 396 = 992.00 per
					cm h Per letter
(16/21) Planting of trees by					
the road side in 0.60m					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	X	80	=	80 Nos
(17/2) Providing & laying of					
hot applied thermoplastic					
Compound 2.5mm thick					
do all complete job.					
At edge for BT Portion					
1 X 2 X 1600 X 0.1 = 320 m ²					
At edge for CC Portion					
1 X 2 X 1400 X 0.1 = 280 m ²					

Recd
30/8/2025
JG

Material Consumption

- 1) Stone Metal (WBMB) - 16.32 m³
- 2) Screening Material - 3.24 m³
- 3) Stone aggregate - 19.035 m³
(BM + STBC)
- 4) Bit Emulsion (RS-1) - 0.098 MT
- 5) Bit Emulsion (SS-1) - 0.153 MT
- 6) Bitumen - 1.566 MT

Recd
30/8/2025
JG

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1) Cleaning & grubbing the road land do all job U.P No (27) T.M.B 0.60 Hact @ Rs 76926 = 08 Hact → Rs 46156 = 00					
(2) Const of subgrade & earthen shoulder do all job U.P No (27) T.M.B 1017.00 m ² @ Rs 264 = 51/m ² Rs → 269007 = 00					
(3) Dismantling of existing P.C.C do all job U.P No (27) T.M.B 75.00 m ² @ Rs 1808 = 54/m ² Rs → 135600 = 00					
(4) Const of G.S.B Grading - I do all job U.P No (27) T.M.B 712.06 m ³ @ Rs 3419 = 74/m ³ Rs → 435060 = 00					
(5) WBM-3 Providing & spreading do all job 750.38 m ³ U.P No (27) T.M.B 13.49 m ³ U.P No (31) T.M.B 763.87 m ³ Limit = 759.375 759.375 m ³ @ Rs 5304 = 36/m ³ Rs → 4027998 = 00					
(6) Providing & laying Pavement					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Coat do all complete job.					
5881.25 m ²	U.P No	(28)			T.M.B
180.80 m ²	U.P No	(32)			T.M.B
6061.25 m ²	Limit =	6000.00 m ²			
6000 m ²	Rs	769.26 = 14/m ²			Rs →
					330840.00
(7/7) Providing applying tack coat with (RS-1) do all complete job.					
1162.50 m ²	U.P No	(28)			T.M.B
360.00 m ²	U.P No	(32)			T.M.B
1522.50 m ²	Limit =	12120.00 m ²			
12120 m ²	Rs	19 = 66/m ²			Rs → 938279.00
(8/8) Providing & laying BM do all job.					
294.06 m ³	U.P No	(28)			T.M.B
9.00 m ³	U.P No	(32)			T.M.B
303.06 m ³	Limit =	303.00 m ³			
303.00 m ³	Rs	11652 = 95/m ³			Rs → 3530844.00
(9/9) Providing & laying SDBC with Crushed aggregate do all job.					
147.03 m ³	U.P No	(28)			T.M.B
4.50 m ³	U.P No	(32)			T.M.B
151.53 m ³	Limit =	151.500 m ³			
151.50 m ³	Rs	14125 = 46/m ³			Rs → 2140007.00
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10/10) Cost of DLC with various aggregate do all job. U.P. No (28) T.M.B					
89.50m ³ @ Rs 5408 = 42/m ³ Rs 446195=00					
(11/11) Cost of PCC M30 with Stone Chips do all complete job. U.P. No (29) T.M.B					
663.85m ³ @ Rs Limit = 662.813m ³					
662.813m ³ @ Rs 9917 = 770/m ³ Rs 6573576=00					
(12/12) Reinforced Cement Concrete M15 Grade for Stone U.P. No (30) T.M.B					
4n/03 @ Rs 3044 = 40/each Rs → 12178=00					
(13/13) 200 m Stone do all job U.P. No (31) T.M.B					
12n/03 @ Rs 886 = 98/each Rs → 10044=00					
(14/14) Painting lines, dashes arrows etc on roads do all job. U.P. No (32) T.M.B					
30.0m ² @ Rs 113 = 63/m ² Rs 73409=00					
(15/15) Fixing of water-reflectorised 600mm equivalent triangle do all job U.P. No (33) T.M.B					
12n/03 @ Rs 5181 = 53/each Rs 762178=00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16/16) 600 mm Circular Informatory Sign do all job.					
U.P. No (33) T.M.B					
6 Nos @ Rs 5501 = 56/each Rs → 33009 = 00					
(17/17) 600 mm x 450 mm Rectangular					
U.P. No (33) T.M.B.					
9 Nos @ Rs 5303 = 84/each Rs → 47735 = 00					
(18/18) 900 mm Side Octagon					
U.P. No (33) T.M.B					
2 Nos @ 11417 = 85/each Rs → 22836 = 00					
(19/19) Reinforced Cement Concrete M/S boundary Pillars					
U.P. No. (33) T.M.B					
36 Nos @ 804 = 08/each Rs → 28947 = 00					
(20/20) Painting new letter & figures of any shade do all job					
U.P. No (33) T.M.B					
792/0000 CRSC 77/cm h/letter Rs → 610 = 00					
(21/21) Planting of trees by the road side					
U.P. No (34) T.M.B					
80 Nos @ Rs 1305 = 10/each Rs → 104408 = 00					
(22/22) Providing & laying of hot applied thermoplastic compound do all job.					
U.P. No (34) T.M.B					
At edge for BT Portion					
320.00 m ² @ Rs 886 = 50/m ² Rs → 283680 = 00					
At edge for CC Portion					

Continuation