

1st R/A Bill

1

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.	
Name of Work: Const ⁿ of Road					
and ad work with Maintenance					
for Billo Chowara Road to					
Taray Road School					
Tender Group No. - MR-N/22-23 SH-07					
Agency: Sri Pankaj kumar					
Vill - Mafi, Tola - Bhojpur					
P.S. Wansalyganj					
Distt. Nawada Pin-805130					

Agreement No - 34(MBD)/2022-23

Agreement Value:

Constⁿ Cost Rs. ~~4196262~~ ~~3457254~~

5 Yr. Maint Cost: Rs. ~~1050029~~ ~~202693~~

Total Cost = Rs. 5253291/-

Date of Commencement: 3.2.2023

Date of Completion: 2.11.2023

Date of Measurement:

11.03.2023 to 01.09.2023

(100) Clearing and Grubbing roadlands

30 x 2 x 30 x 1.00 = 1800.00 m²

1 x 2 x 7 x 1.00 = 14.00 m²

3 x 2 x 30 x 1.00 = 180.00 m²

1 x 2 x 28 x 1.00 = 56.00 m²

2050.00 m²

2050.00 m² ÷ 10000 = 0.21 hect.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2/210) Consisting of GSB with grading-2 Antenna in Potholes					
	1X	7X	1.90	X 0.150	= 2.00 m ²
	1X	5X	1.60	X 0.100	= 0.80 m ²
	1X	4X	1.70	X 0.100	= 0.68 m ²
	1X	7X	1.50	X 0.150	= 1.58 m ²
	1X	4X	1.30	X 0.150	= 0.78 m ²
	1X	6X	1.20	X 0.150	= 1.08 m ²
	1X	7X	1.40	X 0.150	= 1.47 m ²
	1X	4X	1.50	X 0.150	= 0.90 m ²
	1X	5X	1.60	X 0.150	= 1.20 m ²
	1X	6X	1.70	X 0.150	= 1.53 m ²
	1X	4X	1.70	X 0.150	= 1.02 m ²
	1X	7X	1.40	X 0.150	= 1.47 m ²
	1X	5X	2.00	X 0.150	= 1.50 m ²
	1X	4X	1.20	X 0.150	= 0.72 m ²
	1X	5X	1.60	X 0.150	= 1.20 m ²
	1X	7X	1.90	X 0.150	= 2.00 m ²
	1X	8X	1.60	X 0.150	= 1.92 m ²
	1X	6X	1.90	X 0.150	= 1.71 m ²
	1X	4X	1.80	X 0.150	= 1.08 m ²
	1X	7X	1.40	X 0.150	= 1.47 m ²
	1X	5X	1.60	X 0.150	= 1.20 m ²
	1X	4X	1.70	X 0.150	= 1.02 m ²
	1X	5X	1.40	X 0.150	= 1.05 m ²
	1X	6X	1.90	X 0.150	= 1.71 m ²

Continuation CO = 31.09 m²

Sd. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$BP = 31.09 m^3$
1x	6x	0.80	x	0.150	= 0.72 m ³
1x	5x	1.90	x	0.150	= 1.43 m ³
1x	6x	1.60	x	0.150	= 1.44 m ³
1x	5x	1.90	x	0.150	= 1.43 m ³
1x	6x	1.30	x	0.150	= 1.17 m ³
1x	7x	1.40	x	0.150	= 1.47 m ³
1x	8x	1.60	x	0.150	= 1.92 m ³
1x	9x	1.70	x	0.150	= 2.30 m ³
1x	5x	1.30	x	0.150	= 0.98 m ³
1x	6x	1.30	x	0.150	= 1.17 m ³
1x	2x	1.40	x	0.150	= 0.42 m ³
1x	3x	1.60	x	0.150	= 0.72 m ³
1x	4x	1.70	x	0.150	= 1.02 m ³
1x	8x	1.00	x	0.150	= 1.20 m ³
1x	10x	0.90	x	0.150	= 1.35 m ³
1x	7x	1.10	x	0.150	= 1.16 m ³
1x	10x	1.50	x	0.150	= 2.25 m ³
1x	11x	1.60	x	0.150	= 2.64 m ³
1x	11x	1.80	x	0.150	= 2.97 m ³
Qty of GSB go. p =					58.81 m ³
(3/211) P/2/s/c WBM go. p in Polkoda					
1x	7x	2.00	x	0.075	= 1.05 m ³
1x	5x	1.70	x	0.075	= 0.64 m ³
Continuation Co					21.69 m ³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BA =	01.69m ³
1x	4x	1.80		x 0.075 =	0.54m ³
1x	7x	1.60		x 0.075 =	0.84m ³
1x	4x	1.40		x 0.075 =	0.42m ³
1x	6x	1.20		x 0.075 =	0.59m ³
1x	7x	1.50		x 0.075 =	0.79m ³
1x	4x	1.60		x 0.075 =	0.48m ³
1x	5x	1.70		x 0.075 =	0.64m ³
1x	6x	1.80		x 0.075 =	0.81m ³
1x	4x	1.80		x 0.075 =	0.54m ³
1x	7x	1.50		x 0.075 =	0.79m ³
1x	5x	2.10		x 0.075 =	0.79m ³
1x	4x	1.30		x 0.075 =	0.39m ³
1x	5x	1.70		x 0.075 =	0.64m ³
1x	7x	2.00		x 0.075 =	1.05m ³
1x	8x	1.70		x 0.075 =	1.02m ³
1x	6x	2.00		x 0.075 =	0.90m ³
1x	4x	1.90		x 0.075 =	0.57m ³
1x	7x	1.50		x 0.075 =	0.79m ³
1x	5x	1.70		x 0.075 =	0.64m ³
1x	4x	1.80		x 0.075 =	0.54m ³
1x	5x	1.50		x 0.075 =	0.56m ³
1x	6x	2.00		x 0.075 =	0.90m ³
1x	6x	0.90		x 0.075 =	0.41m ³
1x	5x	2.00		x 0.075 =	0.75m ³
1x	6x	1.70		x 0.075 =	0.77m ³

Continuation

CD = 18.85m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF =	18.85m ²
1x 5x 2.00				x 0.075 =	0.75m ²
1x 6x 1.40				x 0.075 =	0.63m ²
1x 7x 1.50				x 0.075 =	0.79m ²
1x 8x 1.70				x 0.075 =	1.02m ²
1x 9x 1.80				x 0.075 =	1.22m ²
1x 5x 1.40				x 0.075 =	0.53m ²
1x 6x 1.40				x 0.075 =	0.63m ²
1x 2x 1.50				x 0.075 =	0.23m ²
1x 3x 1.70				x 0.075 =	0.38m ²
1x 4x 1.80				x 0.075 =	0.54m ²
1x 8x 1.10				x 0.075 =	0.66m ²

1x 10x 1.00				x 0.075 =	0.75m ²
1x 7x 1.20				x 0.075 =	0.63m ²
1x 10x 1.60				x 0.075 =	1.20m ²
1x 11x 1.70				x 0.075 =	1.40m ²
1x 11x 1.90				x 0.075 =	1.57m ²
1x 9x 1.60				x 0.075 =	1.08m ²
1x 7x 1.80				x 0.075 =	0.95m ²
1x 9x 1.80				x 0.075 =	1.22m ²
1x 10x 1.90				x 0.075 =	1.43m ²
1x 9x 1.50				x 0.075 =	1.01m ²
1x 8x 1.20				x 0.075 =	0.72m ²
1x 9x 1.20				x 0.075 =	0.81m ²
1x 7x 1.50				x 0.075 =	0.79m ²

Continuation

Qty of LBM 70 @ = 40.75m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/212 P/L 13/0 WBM 90.11 in Potholes					
Qty of WBM 90.11 = 40.75 m ³					
1x 10x2.30x0.075 = 1.73 m ³					
1x 11x1.50x0.075 = 1.24 m ³					
1x 12x1.60x0.075 = 1.44 m ³					
1x 10x1.80x0.075 = 1.35 m ³					
1x 11x1.90x0.075 = 1.57 m ³					
1x 7x2.10x0.075 = 1.10 m ³					
1x 10x2.00x0.075 = 1.50 m ³					
1x 9x1.30x0.075 = 0.88 m ³					
1x 6x1.70x0.075 = 0.77 m ³					
1x 7x1.80x0.075 = 0.95 m ³					
1x 6x1.30x0.075 = 0.68 m ³					
1x 8x2.10x0.075 = 1.26 m ³					
1x 7x2.30x0.075 = 1.21 m ³					
1x 7x1.80x0.075 = 0.95 m ³					
1x 6x2.10x0.075 = 0.95 m ³					
1x 7x1.90x0.075 = 1.00 m ³					
1x 7x2.10x0.075 = 1.10 m ³					
1x 10x1.40x0.075 = 1.05 m ³					
1x 9x2.10x0.075 = 1.42 m ³					
1x 10x2.20x0.075 = 1.65 m ³					
Qty of WBM 90.11 = 64.51 m ³					

From
22-6-2023
JP

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Construction of 1000 mm dia single vent H.P. Culvert at CH 0+490 km					
(5/232) E/W in excavation for foundation of structure.					
Head wall	2	6.450	1.400	1.500	= 27.09 m ³
Below Pipe	1	4.850	1.530	0.365	= 2.708 m ³
					= 29.80 m ³
(6/233) Providing M15 [P.C.C. (1:2:5)] as Leveling Course in foundation.					
Head wall	2	6.45	1.40	0.15	= 2.709 m ³
Below Pipe	1	4.93	1.53	0.25	= 1.886 m ³
					= 4.595
less for Pipe		0.250 x 0.785	$\pi (1.23)^2$	50 (-)	1.700
					= 02.960
					02.895
(7/237) Providing M20 [P.C.C. (1:2:4)] in Sub Structure.					
Head wall	1	6.10	$\frac{1.25 + 0.40}{2}$	3.28	= 16.50
Parapet	1	6.10	$\frac{0.40 + 0.40}{2}$	0.60	= 01.46
Head wall	1	6.15	$\frac{1.25 + 0.40}{2}$	3.28	= 16.64
Parapet	1	6.15	$\frac{0.40 + 0.40}{2}$	0.60	= 01.48
					= 36.08
less for Pipe					
	2 x $\frac{\pi}{4}$	$(1.23)^2$	0.62	(-)	01.474
					= 34.606 m ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8 235 Providing and Laying R.C.C. Pipe N/3 for Culvert 1000 mm Dia					
	3	2.50			= 7.50m.
9 232 Earth work in excavation for foundation of structure					
Head wall	2	3.90	1.15	1.50	= 13.455m ³
Below Pipe	1	5.35	1.13	0.365	= 02.205m ³
					15.660m ³
10 233 Providing M 15 (1:2:5) as bedding course in foundation					
Head wall	2	3.90	1.15	0.15	= 01.35m ³
Below Pipe	1	5.3	1.13	0.25	= 01.50m ³
					= 02.90m ³
					= 02.85m ³
Less for Pipe $0.25 \times \frac{5}{4} \times (0.83)^2 \times 5.40$					= 0.80m ³
					= 0.792m ³
					= 2.050m ³

Continuation

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11 237	P.C.C. Providing M20 (1:2:4)				
	in sub-structure				
Head wall	2	3.70	$\frac{0.95 + 0.40}{2}$	2.78	$\frac{13.92}{2} \text{ m}^3$
Parapet	2	3.70	$\frac{0.40 + 0.40}{2}$	0.600	01.77 m ³
					= 15.74 m ³
less for Pipe					
	2	$\frac{\pi}{4}$	$(0.83)^2$	0.531	0.57 m ³
					= 15.17 m ³

12
234 Providing and Laying
R.C.C. Pipe N.P. for
culverts ^{600 mm dia} on ^{cross}

class bedding
3 x 2.50 m = 7.50 m.

Construction of 600 mm dia

single vent H.P. Culvert at CH 903 m

13
232 Earth work in excavation
for foundation of structure.

Head wall	1	3.75	1.15	1.50	06.47 m^3
Head wall	1	3.90	1.15	1.50	06.72 m^3
Below Pipe	1	5.35	1.13	0.36	02.17 m^3
					$= 15.36 \text{ m}^3$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>14</u> <u>233</u> Providing M15 (1:2:5)					
p.c.c as levelling					
Course in Foundation					
Head wall	1	3.75	1.15	0.15	$= 0.64 \text{ m}^3$
Head wall	1	3.90	1.15	0.15	$= 0.67 \text{ m}^3$
Below Pipe	1	5.30	1.13	0.25	$= 0.150 \text{ m}^3$
					$= 0.281 \text{ m}^3$
Less for Pipe					
$0.250 \times \frac{22}{28} \times \pi (0.83)^2 \times 5.85 (-) = 0.79 \text{ m}^3$					
					$= 0.202 \text{ m}^3$
<u>15</u> <u>237</u> Providing M20 (1:2:4)					
in sub-structure					
Head wall	1	3.45	$\frac{1.00 + 0.40}{2}$	2.88	$= 0.695 \text{ m}^3$
Parapet	1	3.45	$\frac{0.40 + 0.40}{2}$	0.60	$= 0.83 \text{ m}^3$
Head wall	1	3.65	$\frac{1.00 + 0.40}{2}$	2.58	$= 0.659 \text{ m}^3$
Parapet	1	3.65	$\frac{0.40 + 0.40}{2}$	0.60	$= 0.88 \text{ m}^3$
					$= 15.25 \text{ m}^3$
Less for Pipe					
$2 \times \frac{\pi}{4} \times (0.83)^2 \times 0.53 (-) = 0.57 \text{ m}^3$					
					$= 14.68 \text{ m}^3$
<u>16</u> <u>234</u> Providing and Laying R.C.C. Pipe					
600 mm dia					
x P3 for Culverts on					
first class bedding					
3 x 2.50 m					$= 7.50 \text{ m}$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17 ²¹⁷ Dry lean concrete					
Concrete PCC M15					
1	0.60	0.30	0.075	0.013	
7	0.40	0.20	0.075	0.042	
5	0.30	0.30	0.075	0.034	
6	0.25	0.25	0.075	0.0282	
8	0.15	0.20	0.075	0.018	
9	0.20	0.20	0.075	0.027	
11	0.25	0.20	0.075	0.041	
15	0.30	0.25	0.075	0.084	
16	0.40	0.25	0.075	0.120	
10	0.50	0.30	0.075	0.112	
12	0.50	0.35	0.075	0.157	
10	0.60	0.50	0.075	0.225	
11	0.70	0.65	0.075	0.375	
14	0.85	0.80	0.075	0.714	
15	0.90	0.75	0.075	0.759	
18	1.00	0.60	0.075	0.810 m ³	
10	0.60	0.50	0.075	0.225	
12	0.70	0.60	0.075	0.378	
15	0.60	0.60	0.075	0.405 m ³	
10	0.70	0.40	0.075	0.210 m ³	
9	0.60	0.50	0.075	0.202 m ³	
11	0.65	0.45	0.075	0.241	
12	0.70	0.50	0.075	0.315	

Continuation

Total Qty m³ = 5.535 m³

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{18}{218}$ Cement Concrete					
Pavement m30					
Part I- 843 m to 907 m = 64 m					
1 15 $\frac{3.20+2.95}{2}$				0.16 = 07.38	
1 20 $\frac{2.95+2.65}{2}$				0.16 = 08.96	
1 15 $\frac{2.65+2.65}{2}$				0.16 = 06.36	
1 10 $\frac{2.65+3.00}{2}$				0.16 = 04.52	
1 2 $\frac{6.50+6.50}{2}$				0.16 = 02.08	
1 2 $\frac{6.50+2.85}{2}$				0.16 = 01.496	
Part II 10 to 149 m = 148 m					
1 5 $\frac{5.05+3.55}{2}$				0.16 = 03.44	
1 10 $\frac{3.55+3.30}{2}$				0.16 = 05.48	
1 14 $\frac{3.30+3.40}{2}$				0.16 = 7.504	
1 13 $\frac{3.40+3.40}{2}$				0.16 = 7.072	
1 16 $\frac{3.40+3.00}{2}$				0.16 = 8.192	
1 15 $\frac{3.00+3.00}{2}$				0.16 = 07.20	
1 20 $\frac{3.00+3.00}{2}$				0.16 = 09.60	
1 22 $\frac{3.00+3.20}{2}$				0.16 = 10.912	
1 20 $\frac{3.20+3.40}{2}$				0.16 = 10.56	
1 5 $\frac{3.40+3.00}{2}$				0.16 = 02.560	
1 8 $\frac{3.00+2.70}{2}$				0.16 = 03.648	
					= 106.964
$\frac{31.7}{31.7}$					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19 213	Prime coat (Low Porosity) (RS-1)				
Area vide G.M. in B.T. Portion vide T.M. Page 6					
Area	64.510				= 860.13m ²
	0.075				
20 215	Tack Coat (RS-1)				
Providing and applying Tack Coat with bitumen Emulsion					
Area	64.510				= 860.13m ²
	0.075				
21 214	Patch work over worn using mix seal surface for bituminous Pavement				
Same area as Tack Coat area = 860.13m ²					
22 215	Tack Coat				
Providing and applying Tack Coat with bitumen emulsion (RS-1)					
	1	6	$\frac{9.80 + 4.85}{2}$		43.95m ²
	1	7	$\frac{4.85 + 3.70}{2}$		29.92m ²
	1	12	$\frac{3.70 + 4.00}{2}$		46.20m ²
	1	10	$\frac{4.00 + 4.30}{2}$		41.50m ²

Continuation

Co. 161.57m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF	161.57m ²
	1	5	$\frac{4.30 + 4.40}{2}$		= 21.75
	1	10	$\frac{4.40 + 3.80}{2}$		= 41.00
	1	45	$\frac{3.80 + 3.80}{2}$		= 171.00m ²
	1	35	$\frac{3.80 + 3.75}{2}$		= 132.12m ²
	1	70	$\frac{3.75 + 3.65}{2}$		= 259.00
	1	70	$\frac{3.65 + 3.40}{2}$		= 246.75
	1	20	$\frac{3.40 + 3.90}{2}$		= 73.00
	1	20	$\frac{3.90 + 3.90}{2}$		= 78.00
	1	40	$\frac{3.90 + 4.10}{2}$		= 160.00
	1	10	$\frac{4.10 + 3.75}{2}$		= 39.25
	1	55	$\frac{3.75 + 3.75}{2}$		= 206.25
	1	77	$\frac{3.75 + 3.80}{2}$		= 290.68
	1	78	$\frac{3.80 + 3.70}{2}$		= 292.50
	1	60	$\frac{3.70 + 3.75}{2}$		= 223.50
	1	10	$\frac{3.75 + 4.10}{2}$		= 39.25
	1	10	$\frac{4.10 + 4.50}{2}$		= 43.00
	1	10	$\frac{4.50 + 4.10}{2}$		= 43.00
	1	20	$\frac{4.10 + 3.80}{2}$		= 79.00
	1	20	$\frac{3.80 + 3.80}{2}$		= 76.00
	1	5	$\frac{3.80 + 4.40}{2}$		= 20.50
	1	5	$\frac{4.40 + 3.75}{2}$		= 20.38
	1	15	$\frac{3.75 + 3.75}{2}$		= 56.25
	1	35	$\frac{3.75 + 3.85}{2}$		= 133.00
	1	10	$\frac{3.85 + 4.10}{2}$		= 39.75

Continuation

Co. 2946.50m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	2946.50 m ²
	1	10	$\frac{4.10 + 4.05}{2}$		40.75
	1	10	$\frac{4.05 + 3.75}{2}$		39.00
	1	25	$\frac{3.75 + 3.70}{2}$		93.12
	1	20	$\frac{3.70 + 3.90}{2}$		76.00
	1	8	$\frac{3.90 + 3.20}{2}$		28.40
B.T. Length	843 meter				= 3223.77 m ³

23
246

Semi-Dense Bitumen

over Concrete

1	6	$\frac{4.80 + 4.85}{2}$	0.025	0.098
1	7	$\frac{4.85 + 3.70}{2}$	0.025	0.748
1	12	$\frac{3.70 + 4.00}{2}$	0.025	1.155
1	10	$\frac{4.00 + 4.30}{2}$	0.025	1.037
1	5	$\frac{4.30 + 4.40}{2}$	0.025	0.543
1	10	$\frac{4.40 + 3.80}{2}$	0.025	1.025
1	45	$\frac{3.80 + 3.80}{2}$	0.025	4.275
1	35	$\frac{3.80 + 3.75}{2}$	0.025	3.303
1	70	$\frac{3.75 + 3.65}{2}$	0.025	6.475
1	70	$\frac{3.65 + 3.40}{2}$	0.025	6.168
1	20	$\frac{3.40 + 3.90}{2}$	0.025	1.825
1	20	$\frac{3.90 + 3.90}{2}$	0.025	1.950
1	40	$\frac{3.90 + 4.10}{2}$	0.025	4.000
1	10	$\frac{4.10 + 3.75}{2}$	0.025	0.981

Continuation

Co. 34.583 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	2946.50
	1	10	$\frac{4.10 + 4.05}{2}$		40.75
	1	10	$\frac{4.05 + 3.75}{2}$		39.00
	1	25	$\frac{3.75 + 3.70}{2}$		93.12
	1	20	$\frac{3.70 + 3.90}{2}$		76.00
	1	8	$\frac{3.90 + 3.20}{2}$		28.40
B.T. Length	843 meter				= 3223.7

23
246

Semi - Dense Bitumin

over Concrete

1	6	$\frac{4.80 + 4.85}{2}$	0.025	0.098
1	7	$\frac{4.85 + 3.70}{2}$	0.025	0.748
1	12	$\frac{3.70 + 4.00}{2}$	0.025	1.155
1	10	$\frac{4.00 + 4.30}{2}$	0.025	1.037
1	5	$\frac{4.30 + 4.40}{2}$	0.025	0.543
1	10	$\frac{4.40 + 3.80}{2}$	0.025	1.025
1	45	$\frac{3.80 + 3.80}{2}$	0.025	4.275
1	35	$\frac{3.80 + 3.75}{2}$	0.025	3.303
1	70	$\frac{3.75 + 3.65}{2}$	0.025	6.475
1	70	$\frac{3.65 + 3.40}{2}$	0.025	6.168
1	20	$\frac{3.40 + 3.90}{2}$	0.025	1.825
1	20	$\frac{3.90 + 3.90}{2}$	0.025	1.950
1	40	$\frac{3.90 + 4.10}{2}$	0.025	4.000
1	10	$\frac{4.10 + 3.75}{2}$	0.025	0.981

Continuation

Co. 34.583 M³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24 229					
Road marking with					
Hot APPLIED Thermo					
Plastic Compound					
on Bituminous					
Surface					
Part I 0 to 843m	2	843	0.100		= 168.60 m ²
25 230					
Road marking with					
Hot APPLIED Thermo					
Plastic Compound					
on Concrete Surface					
Part I 843m to 907m	2	64	0.100		= 12.80 m ²
Part II 0 to 148m	2	148	0.100		= 29.60 m ²
					= 42.40 m ²
					35.00 m ²
					Limited to
26 231					
Boring and fixing					
MR Informatory					
Sign Board with					
Logo					
Information Board -					02 Nos
Maintenance Board =					01 No
					= 03 Nos
27 208					
Construction of					
Embankment with					
Material obtained					
from Borrow Pits					

Continuation

Sch. XLV-Form No. 134

Sch. XLV-Form No. 104					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
for B.T. Road (0 to 843m)					
2	2	30.00	0.96	0.45	= 51.84
2	3	30.00	0.90	0.45	= 48.60
2	4	30.00	0.80	0.45	= 86.40
2	3	30.00	1.00	0.45	= 81.00
2	5	30.00	0.85	0.45	= 114.75
2	4	30.00	0.90	0.45	= 97.20
2	3	30.00	0.65	0.45	= 52.65
2	2	30.00	0.90	0.40	= 43.20
2	2	30.00	0.60	0.45	= 32.40
2	1	3.00	0.60	0.40	= 01.44
					= 609.48m ²

28
209

Construction of
subgrade and
earthen shoulders

For C.L. Road					
Part II (0 to 148m)					
2	1	30	0.60	0.30	10.80
2	2	30	0.40	0.30	14.40
2	1	30	0.30	0.30	05.40
2	1	28	0.30	0.30	05.04
Part I (843m to 907m)					
2	1	30	0.40	0.30	07.20
2	1	30	0.30	0.30	05.40
2	1	4	0.30	0.30	0.72

Continuation

Co. 48.96 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>for B.T. Road</u>					
2	2	30.00	0.80	0.30	$= 28.80m^3$
2	3	30.00	0.90	0.30	$= 48.60$
2	4	30.00	0.70	0.30	$= 50.40$
2	3	30.00	0.90	0.30	48.60
2	5	30.00	0.80	0.30	72.00
2	4	30.00	0.70	0.30	50.40
2	3	30.00	0.75	0.30	40.50
2	2	30.00	0.85	0.30	30.60
2	2	30.00	0.60	0.30	21.60
2	1	3.00	0.60	0.30	$01.08m^3$
					$= 441.54m^3$

29
 222
 Providing and fixing
 Retro-reflectorised
 Traffic Signs
 600mm equilateral Triangle - 05 Nos

30
 223
 Providing and fixing
 Retro-reflectorised
 Traffic Signs
 600 mm circular - 02 Nos

31
 224
 Providing and fixing
 of 450 mm Rectangular - 02 Nos

32
 225
 Providing and fixing
 900mm octagon stop
 Board - 01 No.

05-09-2023
 Continuation
 AE

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost</u>					
(1) 207	clearing and grubbing Road Land (by manual means)				
0.21 Hect	Qty vide T.M.B. Page (1)				
	@ Rs 62032.43/Hect Rs 13027=-				
(2) 208	construction of embankment with approved material obtained from borrow pits				
609.48 m ³	Qty vide T.M.B. Page (18)				
	@ Rs 250 = 34/m ³ Rs 1,52,577=-				
(3) 209	construction of subgrade & Earthen shoulders				
441.54 m ³	Qty vide T.M.B. Page (19)				
	@ Rs 253 = 71/m ³ Rs 1,12,023=-				
(4) 210	Granular sub-base with well graded material for Grading II material				

Continuation

Co Rs 2,77,627=-

Continuation

Copy 10,03,716 = 00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P. Rs	10,03,716/-
$\frac{9}{215}$ Providing and applying Tack coat with bitumen Emulsion (RS-1)					
860.13 m ²				Qty vide TMB Page (13)	
3223.77 m ²				Qty vide TMB Page (15)	
4083.90 m ²				@ Rs 21 = 42/m ² Rs 87,477/-	
$\frac{10}{216}$ Providing and laying semi- Dense Bituminous Concrete					
80.586 m ³				Qty vide TMB Page (16)	
				@ Rs 14280 = 64/m ³ Rs 11,50,820/-	
$\frac{11}{217}$ Dry Lean Cement Concrete PCC M15					
05.535 m ³				Qty vide TMB Page (11)	
				@ Rs 6674 = 75/m ³ Rs 36945/-	
$\frac{12}{218}$ Cement Concrete Pavement M30					
106.964 m ³				Qty vide TMB Page (12)	
				@ Rs 8159 = 81/m ³ Rs 8,72,806/-	

Continuation

Co Rs 31,51,764 =

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F Rs 31,	51.764 =
(13) 229					
Road marking with					
Hot applied Thermo					
Plastic compound					
on Bituminous surface					
168.60 m ² Duty side T.M.B Page (17)					
@ Rs 823 = 80/m ² Rs					1,38,893 =
(14) 230					
Road Marking					
with Hot applied					
Thermo Plastic					
Compound on					
Concrete surface					
35.00 m ² Duty side T.M.B Page (17)					
@ Rs 926 = 40/m ² Rs					32424 =
(15) 231					
Reinforcing and fixing					
in formwork sign					
Board and maintenance					
Board					
03 Nos. Duty side T.M.B Page (17)					
@ Rs 10933 = 88/m ² Rs					32802 =
(16) 232					
H.P. Cavity					
Earth work in excavation					
for structure.					

Continuation

Co Rs 33,55,883 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B. P. Rs 33	55,883=
29.80 m ³	Qty vide T.M.B Page (7)				
15.660 m ³	Qty vide T.M.B Page (8)				
15.36 m ³	Qty vide T.M.B Page (9)				
60.82 m ³	@ Rs 326 = 71/m ³			Rs 19871=	
(17) 233	Providing M15 cc levelling course in Foundation				
02.895 m ³	Qty vide T.M.B Page (7)				
02.050 m ³	Qty vide T.M.B Page (8)				
02.02 m ³	Qty vide T.M.B Page (10)				
6.965 m ³	@ Rs 6674 = 75/m ³			Rs 46490=	
(18) 234	Providing and Laying RCC Pipe N.P.B for Culvert (600mm dia)				
07.50 RM	Qty vide T.M.B Page (9)				
07.50 RM	Qty vide T.M.B Page (10)				
15.00 m	@ Rs 3126 = 30/m			Rs 46895=	
(19) 235	Providing and Laying RCC Pipe N.P.B (1000mm dia)				
07.50 RM	Qty vide T.M.B Page (8)				
	@ Rs 6688 = 51/m			Rs 50164=	

Continuation

Co Rs 35,19,303=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					A.R. Rs 35,19,303 =
(20) 237					Plain Cement Concrete (PCC M20) in Sub-structure
34.606 m ³					Duty vide TMB Page (7)
15.17 m ³					Duty vide TMB Page (9)
14.68 m ³					Duty vide TMB Page (10)
64.456 m ³					@ Rs 7708 = 33/m ³ Rs 4,96,848
(21) 222					Bonding and fixing Traffic sign 600 mm circular
05 Nos					Duty vide TMB Page (19)
					@ Rs 4382 = 88/each Rs 21914 =
(22) 223					Bonding and fixing Traffic sign 600 mm circular
03 Nos					Duty vide TMB Page (19)
					@ Rs 4281 = 22/each Rs 12844 =
(23) 224					Bonding and fixing Traffic sign 450 mm rectangular
02 Nos					Duty vide TMB Page (19)
					@ Rs 4137 = 49/each Rs 8275 =

Continuation

C.R. 40,59,184 =

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. Rs 40,59,184 =
(24/225)					Bonding and fixing
					Traffic Sign
					900 mm octagon
					stop Board
01 Hb Qty vide T.m Page (19)					
					@ Rs 8582 = 22 Rs 8582 =
					Rs 40,67,766 =
Add 18% G.S.T					Rs 7,32,198 =
Add 1% Labour Case					Rs 40,678 = 00
S.F. vide T.m Page (27)					Rs 48,305 = 00
					Rs 48,88,947 = 00
Less 18.88% Below as per agreement					(-) Rs 09,23,033 = 00
					Rs 39,65,914 = 00
(24/225) 5.9.2023 PB					05-09-2023 AE
					Autometer 39,65,914

Continuation

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material Statement</u>					
E/W 1051.0 m ² @ Rs 35.01/m ²				Rs	36796 =
G.S.B. Gravel					
26.5 mm to 9.5 mm	26.35 m ³	@ Rs 886 =	0/m ³	Rs	23346 =
9.5 mm to 2.36 mm	18.82 m ³	@ Rs 424.21/m ³		Rs	7984 =
Local sand	30.11 m ³	@ Rs 143.32/m ³		Rs	4315 =
4.75 mm to 2.36 mm	7.58 m³	@ Rs 143.32/m³			
63 mm to 4.75 mm	49.31 m ³	@ Rs 975 =	00/m ³	Rs	48077 =
stone screening	26.48 m ³	@ Rs 424 =	21/m ³	Rs	11233 =
53 mm to 22.4 mm	78.06 m ³	@ Rs 1080 =	50/m ³	Rs	84344 =
Medium D 3.26 m ³		@ Rs 160 =	00/m ³	Rs	522 =
Stone Crushed agg.	23.22 m ³	@ Rs 586 =	00/m ³	Rs	13607 =
13.2 mm to 0.09 mm					
9.5 mm to 4.75 mm	67.14 m ³	@ Rs 586 =	00/m ³	Rs	39344 =
4.75 mm and below	48.30 m ³	@ Rs 424 =	21/m ³	Rs	20489 =
Coarse sand	82.99 m ³	@ Rs 494 =	00/m ³	Rs	40997 =
40 mm aggregate	29.07 m ³	@ Rs 975 =	00/m ³	Rs	28343 =
20 mm aggregate	26.14 m ³	@ Rs 1186 =	00/m ³	Rs	31002 =
10 mm aggregate	12.58 m ³	@ Rs 586 =	00/m ³	Rs	7372 =
Crushed stone aggregate	96.25 m ³	@ Rs 886 =	00/m ³	Rs	85278 =
Bitumen Emulsion (S-1)	= 731.11 kg				
Bitumen Emulsion (A-5-1)	= 1123.07 kg				
Bitumen (S-90) or (VG-10)	= 10803 kg				
Waste plastic	= 131 kg				
				Rs 4,83,049 =	
S.F. Rs 4.83,049 x 10%				Rs	48305 =

Continuation

05-09-2023

AE

Vide Letter No - C.E.4 (H9) 3054-01-05/
2002-part-II-125 (Encl) dated 27/9/23
Assessment Received Rs - 39,65,914/-

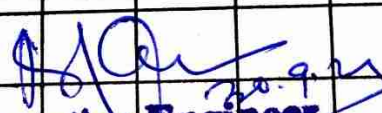
28

Sch. XIV Form No. 134 ~~Memorandum on Rs. 39,65,914/-~~

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
I. Tax @ L. 1.		39,660/-			
C. GST @ L. 1.		39,660/-			
S. GST @ L. 1.		39,660/-			
W. Cess @ L. 1.		39,660/-			
S. D @ 5%.		1,98,296/-			
Royalty -		1,27,397/-			
S. F -		48,305/-			
in A/C -		34,33,276/-			
Total Rs -		39,65,914/-			
passed for Rs -		39,65,914/-			

Thirty nine lakh sixty five
thousand nine hundred ~~forty~~

only -


Executive Engineer
R.W.D. Works Division
Sheikhpura

30/09/23

30/09/23

4-10-23

Continuation

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

Continuation

Final and cost sheet

Set. 2022-23

Name of work - Dis. embankment road
and 20 m wide - to the
for to the to the

Ref. No. - 2022-23, 10000

Agency - Sd. Panchaj Kumbhar

Village - Mafis Tal. - Bhujpur

P.S. - Warisalagar

Distt. - Narmada PIN - 805130

Agreement No. - 34 (M.B.D.)/2022-23

Agreement Value:

Consⁿ cost - Rs. 4196262.20

5% M. & M. cost - Rs. 1057029.20

Total Cost - Rs. 5253291.20

Date of Commencement: 3.2.2023

Date of Completion: 2.11.2023

Actual Date of Completion: 10.10.2023

RE ABSTRACT OF COST

(1/207) clearing and grubbing road land
item No. VTMB

P/20 - 0.21 hect @ Rs. 62032.43/hect.
= Rs. 13027.10

(2/208) Consⁿ of embankment item No. VTMB

P/20 - 609.48 m³ @ Rs. 250.34/m³
= Rs. 152577.12

Continuation

Co Rs. 165604.00
17

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B & Rs. 1,65,604.00
(3/209) Subgrade and earthen should					item 3/209 VTMB
P/20 - 441.54 m ³ @ Rs. 253.71/m ³					= Rs. 1,12,023.00
(4/210) GSB go. 2 item 4/210 VTMB					
P/21 - 58.81 m ³ @ Rs. 1616.14/m ³					= Rs. 9,50,45.00
(5/211) WBM go. 7 item 5/211 VTMB					
P/21 - 40.75 m ³ @ Rs. 3506.07/m ³					= Rs. 1,42,872.00
(6/212) WBM go. 11 item 6/212 VTMB					
P/21 - 64.51 m ³ @ Rs. 3047.52/m ³					= Rs. 1,96,596.00
(7/213) Prime Coat SS-1 item 7/213 VTMB					
P/21 - 860.13 m ² @ Rs. 62.81/m ²					= Rs. 54,025.00
(8/214) Patch work with Mss item 8/214 VTMB					
P/21 - 860.13 m ² @ Rs. 276.18/m ²					= Rs. 2,37,551.00
(9/215) Tank Coat RS-1 item 9/215 VTMB					
P/22 - 4083.90 m ² @ Rs. 21.42/m ²					= Rs. 8,74,77.00
(10/216) SDBC item 10/216 VTMB					
P/22 - 80.586 m ³ @ Rs. 14280.64/m ³					

Continuation

= Rs. 11,50,820.00

CD Rs. 22,42,013.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/217) 1st item 11/217 VTM B					
P/22 - 5.535 m ³ @ Rs. 6674.75/m ³					
= Rs. 36945.00					
(12/218) 1st item 12/218 VTM B					
P/22 - 106.464 m ³ @ Rs. 8159.81/m ³					
= Rs. 872846.00					
(13/222) 600 mm equilateral sign item 13/222 VTM B					
P/25 - 5 nos @ Rs. 4382.88/each					
= Rs. 21914.40					
(14/223) 600 mm Circular sign item 14/223 VTM B					
P/25 - 3 nos @ Rs. 4281.22/each					
= Rs. 12844.00					

(15/224) 600x450 mm rectangular sign Board item 15/224 VTM B					
P/25 - 2 nos @ Rs. 4137.49/each					
= Rs. 8275.00					
(16/225) 900 mm Octagonal Stop Board item 16/225 VTM B					
P/26 - 01 no @ Rs. 8582.22/each					
= Rs. 8582.00					
(17/229) Road marking in BT item 17/229 VTM B					
P/23 - 168.60 m ² @ Rs. 823.80/m ²					
= Rs. 138893.00					
(18/230) Road marking in CC item 18/230 VTM B					
P/23 - 35.00 m ² @ Rs. 926.40/m ²					

Continuation - Rs. 32424.00

CO Rs.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F Rs.			
(19/231) Logo of MMGSY Project					
item 15/231 VTM B					
P/23 - 3 nos @ Rs. 10983.28 / each					
					= Rs. 32862.00
(20/232) E/W in excavation item 16/232					
P/24 - 60.82 m ³ @ Rs. 326.71 / m ³					
					= Rs. 19871.00
(21/233) PCC M15 (1:2:5) item 17/233					
P/24 - 8.965 m ³ @ Rs. 6674.75 / m ³					
					= Rs. 46470.00
(22/234) RCC NP-3 HPC of dia 600 mm item 18/234					
P/24 - 15.00 m @ Rs. 3126.30 / m					
					= Rs. 46895.00
(23/235) RCC NP-3 HPC of dia 600 mm item 19/235					
P/24 - 7.50 m @ Rs. 6688.51 / m					
					= Rs. 50164.00
(24/237) Plain/RCC M20 item 20/237					
P/25 - 64.458 m ³ @ Rs. 7708.33 / m ³					
					= Rs. 496848.00
					<u>Rs. 4067766.00</u>
Add @ 18% GST (+) Rs.					732198.00
Add @ 1% LC (+) Rs.					40678.00
Add @ 10% SF (+) Rs.					483052.00
					<u>Rs. 4888947.00</u>
Less @ 18.88% below as per Agreement (-) Rs.					923033.00
					<u>CO Rs. 3965914.00</u>

Continuation

Continuation