

M/R (2054) New Maintenance Policy, (Held on 01.01.17)

Agreement No: 05/MED/2013-20

Schedule XIV-Form No. 134

Agreement Amount: 64211579=

~~Managerial Services~~ PROB and ^{Team} DIVISION

which move to mechanical Division
road for better maintenance SUB-DIVISION

Contractor, Name: Ashish Construction

Date of Commencement: 25.11.2019

MEASUREMENT BOOK

Date of Completion: 24.08.2020,

M.R. No: 2102

EXECUTIVE ENGINEER
R.W.D. WORKS DIVISION
Kharagpur (Munger)
25.11.2019

2050137-AR137 DIVISION
AR137 SUB-DIVISION

No. 2102.

Name of Officer _____

Date of first entry

Date of last entry _____

1st on A/C 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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch-14 :-	M/R (3054)				
Name of work:-	M/R Dt				
Road from Tarapur - Khargpur					
PWD Road from Khudiyamore to Maheshpur					
Lanna Road.					
Agreement No:-	05/MRD/2020-19				2019-20
Agency:-	Ashish Construction				
At - Gola Road, Sadulpur Dist - mulher.					
Date of Commencement					25-11-2019
Date of Completion	24/08/2020				
Agreement value Rs.					
<u>Measurement</u>					
(1) clearing and grubbing					
Road Land. etc.					
2 x ^{32.54} 31.5m x 0.75m =					0.49 Hec 0.49 Hec
(2) Const. of G.S.B. Grading =					
II for Path repair - etc.					
13 x 1.60m x 1.05m x 0.15m =					3.28m ³
11 x 2.20m x 1.75m x 0.15m =					6.35m ³
11 x 2.35m x 1.50m x 0.15m =					5.82m ³
					15.45m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B. F. D. 7.7			15.45m ²
9x2	60m	1.25m	0.15m		4.39m ²
9x2	60m	1.85m	0.15m		6.31m ²
8x2	70m	1.05m	0.15m		3.45m ²
10x3	60m	2.61m	0.15m		11.75m ²
11x3	45m	1.35m	0.15m		7.69m ²
11x3	60m	3.0m	0.15m		17.82m ²
10x4	60m	3.75m	0.15m		22.50m ²
13x4	30m	2.55m	0.15m		21.38m ²
					110.70m ²
				21 May 2020	
				10/06/2020	
				S.E.	

① P.V. Lowing, spreading and compacting stone metal Grade-II etc. (Patch Repair)					
4x2	60m	1.80m	0.075m		1.08m ²
7x2	80m	2.40m	0.075m		3.53m ²
15x3	60m	2.90m	0.075m		9.79m ²
11x3	40m	2.10m	0.075m		5.89m ²
12x3	40m	2.85m	0.075m		8.32m ²
3x3	45m	1.85m	0.075m		1.44m ²
11x3	45m	2.75m	0.075m		7.82m ²
7x3	60m	1.80m	0.075m		3.45m ²
5x3	50m	2.00m	0.075m		2.68m ²
8x4	05m	3.0m	0.075m		7.29m ²

2.48 = 42.59m²

Continuation

51.59m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B. F. B + Y.				$51.57m^2$ $42.52m^2$ $9.05m^2$
$9 \times 4.0m \times 3.30m \times 0.075m$					$= 8.91m^2$
$10 \times 4.0m \times 3.5m \times 0.075m$					$= 9.00m^2$
$2 \times 4.40m \times 2.35m \times 0.075m$					$= 1.55m^2$
$13 \times 4.40m \times 3.5m \times 0.075m$					$= 12.87m^2$
$13 \times 4.80m \times 3.0m \times 0.075m$					$= 14.04m^2$
$13 \times 4.50m \times 3.20m \times 0.075m$					$= 14.04m^2$
$10 \times 4.60m \times 3.90m \times 0.075m$					$= 13.46m^2$
					$125.46m^2$
					$21m^2$ $13/56/2020$ $S.E.$
(2) Plr. Lay 1/2, spreadly qual construction W.B.M. stone					
metel. Cr. - III (Patch Refus)					
$12 \times 2.20m \times 1.90m \times 0.075m$					$= 3.76m^2$
$8 \times 3.0m \times 2.60m \times 0.075m$					$= 4.68m^2$
$9 \times 3.30m \times 2.95m \times 0.075m$					$= 6.57m^2$
$11 \times 3.60m \times 2.30m \times 0.075m$					$= 6.83m^2$
$8 \times 3.65m \times 2.15m \times 0.075m$					$= 4.71m^2$
$13 \times 3.75m \times 2.85m \times 0.075m$					$= 10.42m^2$
$11 \times 3.75m \times 2.30m \times 0.075m$					$= 7.12m^2$
$10 \times 3.75m \times 2.5m \times 0.075m$					$= 5.62m^2$
$7 \times 3.70m \times 3.50m \times 0.075m$					$= 6.80m^2$
$10 \times 4.10m \times 3.10m \times 0.075m$					$= 9.53m^2$
$8 \times 4.10m \times 3.40m \times 0.075m$					$= 8.36m^2$
$12 \times 4.15m \times 3.20m \times 0.075m$					$= 11.95m^2$
					$86.35m^2$

Continuation

C.O.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F	18.4	4	863.5 m ²
7x4.3	0m x	3.0m x	0.075m =		6.77 m ²
6x4.0	4.5m x	2.40m x	0.075m =		4.81 m ²
14x4.0	5.5m x	3.20m x	0.075m =		15.28 m ²
12x4.0	5.5m x	3.20m x	0.075m =		13.10 m ²
11x4.0	7.0m x	3.90m x	0.075m =		15.12 m ²
7x4.8	0m x	3.15m x	0.075m =		7.81 m ²
					149.24 m ²
② p.l.v. and apply primer					
Coat over w.d.m. or etc.					
B.F. wide. T. m.B. p.N. (3, 4)					
I.N. (1) = 149.24					
0.075					
= 1989.86 m ²					
③ p.l.v. and apply ^{2 mdyan} ^{13.56/2020} ^{13.56}					
B.F. wide. T. m.B. p.N. ① I.N. ② = 1989.86 m ²					
② Patch work over w.d.m.					
Subbase or Using mix					
seal. Subbase for					
Bituminous Subbase etc.					
12x2.20m x	1.90m =				50.16 m ²
8x3.0m x	2.60m =				62.40 m ²
9x3.30m x	2.95m =				87.61 m ²
11x3.60m x	2.30m =				91.08 m ²
8x3.60m x	2.15m =				62.78 m ²
13x3.75m x	2.85m =				138.94 m ²

Continuation

C.D.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F. 184. =			492.93m ²
11 x 3.75m x			2.30m =		94.87m ²
10 x 3.75m x			2.00m =		75.00m ²
7 x 3.75m x 3.50m =					90.65m ²
10 x 4.15m x 3.15m =					127.40m ²
8 x 4.15m x 3.45m =					111.52m ²
12 x 4.15m x 3.20m =					159.36m ²
7 x 4.30m x 3.00m =					90.30m ²
6 x 4.45m x 2.40m =					64.08m ²
14 x 4.55m x 3.20m =					203.84m ²
12 x 4.55m x 3.20m =					174.72m ²
11 x 4.70m x 3.90m =					201.63m ²
7 x 4.80m x 3.10m =					104.16m ²
					1990.20m ²
					215.80m ²
					231.50m ²

② Plv. and all lying / Tack /
Coat with Bitumen emulsion
- etc.

① Const. of cement concrete
Pavement Grade. m₃ etc.
 1 x 30m x 3.75m x 0.10m = 11.25m³
 1 x 16m x 3.75m x 0.10m = 6.00m³
 11 x 30m x 3.75m x 0.10m = 123.75m³
 1 x 30m x 6.5m x 3.75m x 0.10m = 14.62m³

Continuation

155.62m³

C.O.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.	F. 18 + 7 =		155.62 m ²
1 x 3 m x 3.75 m x 0.10 m =					1.125 m ²
1 x 13 m x (5.95 m + 6.10 m + 3.75 m) / 3 x 0.10 m =					6.85 m ²
1 x 30 m x 3.75 m x 0.10 m =					11.25 m ²
1 x 30 m x (3.75 m + 4.60 m + 3.75 m) / 3 x 0.10 m =					12.10 m ²
3 x 30 m x 3.75 m x 0.10 m =					33.75 m ²
9 x 3.75 m x 0.10 m =					3.375 m ²
30 m x 3.75 m + 4.85 m + 3.75 m x 0.10 m =					12.34 m ²
30 m x 3.75 m + 4.70 m + 3.75 m x 0.10 m =					12.20 m ²
1 x 15 m x 3.75 m x 0.10 m =					5.62 m ²
30 m x (3.75 m + 4.40 m + 6.20 m + 5.70 m + 3.75 m) / 5 x 0.10 m =					14.28 m ²
30 m x 3.75 m x 0.10 m =					11.25 m ²
12 m x 3.75 m + 5.20 m x 0.10 m =					5.37 m ²
1 x 30 m x 3.75 m x 0.10 m =					11.25 m ²
6 m x 8.30 m + 5.60 m + 4.60 m x 0.10 m =					3.70 m ²
					300.075 m ²
					14/07/2020
					SE.

Continuation

C-0

Continuation

GO,

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① plv. and applying tarce coat for S D B C - etc. Same measurement and Bty. vide T. m.B. p. 140.					
② (5) P.N. ① = 93.76.62 m ²					
				21.5.6.	
① plv. and laying S D B C 25mm thick - etc.					
$1.5m \times 7.5m + 3.75m$				$\times 0.025m =$	
		2			2.10m ³
$40 \times 30m \times 3.75m \times 0.025m = 112.50$					m ³
$1 \times 15m \times 3.75m \times 0.025m = 1.40m^3$					
$9 \times 30m \times 3.75m \times 0.025m = 25.31$					m ³
$1 \times 30m \times 3.75m + 4.80m + 3.75m$				$\times$	
			3	$0.025m =$	9.22m ³
$8 \times 30m \times 3.75m \times 0.025m = 22.50m^3$					
$1 \times 30m \times 3.75m + 4.70m + 3.75m$				$\times$	
			3	$0.025m =$	3.05m ³
$10 \times 30m \times 3.75m \times 0.025m = 28.12m^3$					
$1 \times 10.60m \times 3.75m \times 0.025m = 0.99m^3$					
$6 \times 30m \times 3.75m \times 0.025m = 16.87m^3$					
$1 \times 30m \times 3.75m + 4.90m + 5.30m$				$\times$	
			3	$0.025m =$	3.48m ³
					225.54m ³

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
		0.5	1.647	225.54 m ²
1 x 3 cm x 5.7 cm + 4.7 cm + 3.2 cm				
			0.025 m	3.45 m ²
4 x 3 cm x 3.7 cm x 0.025 m				11.25 m ²
1 x 3 m x 3.7 cm x 0.025 m				0.24 m ²
				246.54 m ²

② Const. of sub-grade and
erosion shoulder lead up
to 1000 m - etc.

2 x 6 x 3 cm x 0.7 cm x 0.3 cm	275.60 m ²
2 x 10 x 3 cm x 0.7 cm x 0.3 cm	126.00 m ²
2 x 8 x 3 cm x 0.7 cm x 0.3 cm	144.00 m ²
2 x 6 x 3 cm x 0.7 cm x 0.3 cm	108.00 m ²

2 x 10 x 3 cm x 0.7 cm x 0.3 cm	126.00 m ²
2 x 30 cm x 0.7 cm x 0.3 cm	12.60 m ²
1 x 11 x 3 cm x 0.8 cm x 0.3 cm	279.20 m ²
2 x 30 cm x 0.7 cm x 0.4 cm	16.80 m ²
2 x 29 x 30 cm x 0.8 cm x 0.3 cm	417.60 m ²
2 x 13 m x 1.0 m x 0.3 cm	7.80 m ²
2 x 5 x 30 cm x 0.8 cm x 0.3 cm	72.00 m ²
2 x 30 cm x 0.7 cm x 0.3 cm	12.60 m ²
2 x 12 x 30 cm x 0.7 cm x 0.3 cm	151.20 m ²
2 x 30 cm x 0.7 cm x 0.3 cm	12.60 m ²
1 x 6 x 30 cm x 0.7 cm x 0.3 cm	37.80 m ²
	1399.80 m ²

③ p.v. and lining of Hot
thermo-plastic compound -

Continuation

2nd and final measurement

12

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch.H :- MR (3054) New					
Maintenance Policy 2018.					
Name of work :- MR to					
Road from Tara Pur - Kharg					
- Pur pur D Road from					
Khukia more to Mahesh Pur					
Laura Road.					
Agency :- Ashish Const. At :-					
601a Road, Shachi Pur,					
Dist :- Munger,					
Agreement No :- OSMCD/2019-20					
Date of Commencement :- 25-11-2019					
Date of Completion :- 24/08/2020					
Actual Date of Completion :- 28/10/2020					
<u>Measurement</u>					
① Plv and fixing ordinary					
K.M. Post - etc.					
= 4 No.					
② Plv and fixing 200m					
Post - etc.					
= 14 No.					
③ Printing New Letter					
and figures - etc.					
= 3520 No.					

Continuation

L.O.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Retro-reflectorised traffic sign Board etc. 2 x 1.2m x 0.8m = 1.92m					
(5) Planting of Trees etc. = 165.00 No.					
(6) plv. of Rumble strips etc. 17 x 12 No. = 204 No.					
(7) plv. of Rumble strips etc. 17 x 3 x 0.5m = 25.5m					
(8) plv. and fixing 600mm equilateral & Triangle Board etc. = 25 No.					
(9) plv. and fixing 600mm circular Board etc. = 3 No.					
(10) 800mm x 600mm Rectangular Board etc. = 4 No.					
(11) plv. and fixing 600mm x 450mm Board etc. = 5 No.					
(12) 900mm Side octagone etc. = 2.0 No.					
(10) plv. Brick masonry work in c.m. for Reflector					

Continuation

Continuation