

'M/R New Maintenance Policy-18'

Below
(:-0.01%)

Agreement No:- 05 MBD/2019-20

Agreement Amount:- ₹ 64311579=00

Measurement Book

Schedule XLV-Form No. 134

N/o:- "At Sultanganj deeghar PWD road
from hasaarpur to Maawa road."

DIVISION

Name of contractor:- Ashish Construction

Date of commencement:- 25.11.2019 **SUB-DIVISION**

Date of completion :- 24.08.2020

M/B No:-210/

आविष्कारित किया जाता है कि इस
माहीत पुस्तक में (100) एक सौ गंत मीटर
पल्ले हैं। M/R New Maintenance
Policy-18 योजनामार्फत "प्र. Sulbhangaj
deghar PWD Road from Kharagpur
to Patwa Road" पर कार्य निर्माण
कार्य हेतु श्रमान लक्ष्यक अधिनियम, 1947
अनुसार - नगरपालिका की निर्माण किया
जाता है।


25.11.2019
EXECUTIVE ENGINEER
R.W.D WORKS DIVISION
Kharagpur-Tarapur (Munger)
25.11.19
25/11/19

Sch, XLV-Form No. 134

Kharagpur - Tarapur DIVISION

Tarapur SUB-DIVISION

Measurement Book

No. - 2101

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch-H :-		MR	(3054)	New	
Maintenance Policy - 2018					
Name of Road :-		Sultan tangemj -			
Deoghar PWD Road from Hasanpur to Maswa Road.					
Contractor's Name :-		Ashish Construction			
Aggr No :-		05 MBD/2019-20			
Agreement Date :-		25/11/2019			

Completion Date As Per Aggr :- 24/08/2020

Record measurement

① Clearing and grubbing of Road land - etc.

$$2 \times 96 \times 30m \times 0.75m = 4320.00m^2$$

$$2 \times 1 \times 20m \times 0.75m = 30.00m$$

$$4350.00m^2$$

$$= 0.435 Hact.$$

② Constr of (S. S. B. grading II - etc.

$$6 \times 4.30m \times 2.55m \times 0.15m = 9.87m^3$$

$$7 \times 4.0m \times 3.75m \times 0.15m = 15.75m^3$$

$$5 \times 3.60m \times 3.0m \times 0.15m = 8.10m^3$$

$$2 \times 3.45m \times 1.35m \times 0.15m = 1.40m^3$$

$$7 \times 2.70m \times 1.05m \times 0.15m = 2.98m^3$$

$$38.10m^3$$

Continuation

C.O.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Plastering, screeding and compacting - W.R.M. V.R.D. - etc.					
6x4	4.0m	2.65m	x 0.075m	=	5.25m ³
7x4	4.20m	4.0m	x 0.075m	=	8.82m ³
5x	3.70m	3.20m	x 0.075m	=	4.44m ³
2x	3.60m	1.50m	x 0.075m	=	0.81m ³
7x	3.0m	1.10m	x 0.075m	=	1.73m ³
1x	2.75m	2.0m	x 0.075m	=	0.41m ³
3x	2.70m	1.35m	x 0.075m	=	0.82m ³
4x	2.30m	1.80m	x 0.075m	=	1.24m ³
6x	4.75m	4.0m	x 0.075m	=	8.53m ³
2x	4.65m	2.40m	x 0.075m	=	1.67m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Plastering		with	cm.	(1:4)	cm ²
Parapet		E/W	- etc.		
3x 4x3 m		0.60m			21.60m ²
3x 2x3 m		0.40m			7.20m ²
3x 4x6 m		0.60m			2.88m ²
1x 4x2 m		0.60m			4.80m ²
1x 2x2 m		0.40m			1.60m ²
1x 4x0.40m		0.60m			0.96m ²
2x 5x7 m		0.60m			42.00m ²
1x 5x7 m		0.40m			14.00m ²
1x 4.0x0.40m		0.60m			0.96m ²
					96.00m ²

(4) Const. of Panel Concrete					
P.C.C. Parapet in the Road					
- etc.					
1x 15m x 7.70m + 3.75m					
	2				
4x 30m x 3.75m x 0.10m					45.00m ³
1x 15m x 3.75m + 4.20m					
3.75m) / 3 x 0.10m					5.85m ³
4x 30m x 3.75m x 0.10m					45.00m ³
1x 15m x 3.75m x 0.10m					5.62m ³
1x 15m x 3.75m + 5m + 4.20m					
3					0.10m = 6.47m ³
1x 15m x 4.20m + 3.75m					
2					x 0.10m = 5.96m ³
1x 3m x 9.50m + 4.60m					
	2				

Continuation

124.60m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F	B.H	124.60m ²
14	X 30m	X 3.75m	X 0.10m		= 157.50m ³
1	X 12m	X 3.75m	X 0.10m		= 4.50m ³
2	X 30m	X 3.75m	X 0.10m		= 22.50m ³
1	X 20m	X 3.75m	X 0.10m		= 7.50m ³
5	X 15m	X 3.75m	X 0.10m		= 28.12m ³
1	X 15m	X 3.75m + 3.90m	X 0.10m		= 5.73m ³
		2			
1	X 15m	X 3.75m + 4.0m	X 0.10m		= 5.81m ³
		2			
1	X 7m	X 4m + 4.70m	X 0.10m		= 3.04m ³
		2			
1	X 4m	X 17.20m + 4.60m	X 0.10m		= 3.72m ³
		2			
1	X 17m	X 5.60m + 3.90m	X 0.10m		= 8.07m ³
		2			
1	X 8m	X 5m	X 0.10m		= 4.00m ³
1	X 7.0m	X 4.50m	X 0.10m		= 3.15m ³
1	X 4.0m	X 6.95m	X 0.10m		= 2.78m ³
1	X 15m	X 3.75m	X 0.10m		= 5.62m ³
1	X 15m	X 3.75m + 5.75m + 3.90m	X 0.10m		= 6.70m ³
		3			
1	X 30m	X 3.90m + 4.0m	X 0.10m		= 11.85m ³
		2			
1	X 30m	X 3.90m	X 0.10m		= 11.70m ³
1	X 15m	X 3.90m + 4.0m	X 0.10m		= 5.92m ³
		2			
					422.85m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		R	F	D	1. - 422.85m ³
1x 15m x 4.0m + 3.4m				x 0.10m = 5.55m ³	
	2				
1x 15m x 3.4m + 3.9m				x 0.10m = 5.47m ³	
	2				
1x 15m x 3.9m + 5.5m + 5.2m				x	
	3			0.10m = 7.30m ³	
1x 15m x 5.2m + 3.75m				x 0.10m = 6.71m ³	
	2				
1x 15m x 3.75m + 3.20m				x 0.10m = 5.21m ³	
	2				
1x 15m x 3.20m + 4.90m				x 0.10m = 6.05m ³	
	2				
1x 15m x 4.90m + 3.75m				x 0.10m = 5.81m ³	
	2				
1x 15m x 3.75m + 3.90m				x 0.10m = 5.74m ³	
	2				
1x 15m x 3.75m + 3.70m				x 0.10m = 5.55m ³	
	2				
1x 15m x 3.70m x 0.10m				= 5.55m ³	
1x 15m x 3.70m + 3.60m				x 0.10m = 5.47m ³	
	2				
1x 15m x 3.60m + 3.70m				x 0.10m = 5.47m ³	
	2				
1x 15m x 3.70m + 4.0m				x 0.10m = 5.77m ³	
	2				
1x 15m x 4.0m + 3.70m				x 0.10m = 5.47m ³	
	2				

504.00m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		BF	B+Y		564.50m ³
	1x	15m	x 3.30m	x 0.10m	= 4.95m ³
	1x	15m	x 3.30m + 3.50m	x 0.10m	= 5.10m ³
		2			
	1x	15m	x 3.50m + 3.25m	x 0.10m	= 5.88m ³
		2			
	1x	15m	x 3.25m + 3.10m	x 0.10m	= 4.78m ³
		2			
	1x	7m	x 3.10m + 2.80m	x 0.10m	= 2.67m ³
		2			
	1x	15m	x 4.60m + 3.90m	x 0.10m	= 6.37m ³
		2			
	1x	15m	x 3.90m + 3.85m	x 0.10m	= 5.81m ³
		2			
	1x	15m	x 3.85m + 4.0m	x 0.10m	= 5.89m ³
		2			
	1x	15m	x 4.0m + 2.80m	x 0.10m	= 5.10m ³
		2			
	1x	15m	x 2.80m + 3.50m	x 0.10m	= 4.72m ³
		2			
	1x	15m	x 3.50m + 4.60m + 3.10m	x 0.10m	= 5.60m ³
		3			
	1x	15m	x 3.10m	x 0.10m	= 4.65m ³
	1x	15m	x 3.10m + 3.60m	x 0.10m	= 5.02m ³
		2			
	1x	30m	x 3.60m + 3.50m	x 0.10m	= 10.65m ³
		2			
					579.74m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		R.F.	-	R.	2812.50m
1x 20m x 3.75m					75.00m
9x 30m x 3.75m					1012.50m
1x 28m x 3.75m					105.00m
9x 30m x 3.75m					1012.50m
1x 13m x 3.75m					48.75m
					566.25m ²
					24158.2020
					S.E.

① Plv. and Laying S.D.B.C.

25mm thick - etc.

$$25 \times 30 \times 3.75 \times 0.025 = 70.31 \text{ m}^3$$

$$1 \times 20 \times 3.75 \times 0.025 = 1.87 \text{ m}^3$$

$$9 \times 30 \times 3.75 \times 0.025 = 25.31 \text{ m}^3$$

$$1 \times 28 \times 3.75 \times 0.025 = 2.62 \text{ m}^3$$

$$9 \times 30 \times 3.75 \times 0.025 = 25.31 \text{ m}^3$$

$$1 \times 13 \times 3.75 \times 0.025 = 1.22 \text{ m}^3$$

$$126.64 \text{ m}^3$$

② Plv. Road Marking over

B.T. surface - etc.

$$2 \times 25 \times 30 \times 0.10 = 150.00 \text{ m}^2$$

$$1 \times 20 \times 0.10 = 4.00 \text{ m}^2$$

$$2 \times 9 \times 30 \times 0.10 = 54.00 \text{ m}^2$$

$$1 \times 28 \times 0.10 = 5.60 \text{ m}^2$$

$$9 \times 30 \times 0.10 = 54.00 \text{ m}^2$$

$$1 \times 2 \times 13 \times 0.10 = 2.60 \text{ m}^2$$

Continuation

$$270.20 \text{ m}^2$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Road marking over P.C.C. position - etc.					
	2	51	30m	0.10m	= 306.60m ²
	1	2	26m	0.10m	= 4.60m ²
					310.60m ²
(4) ply. and fixing Kilometre stone Post - etc.					
(i) ordinary K.m. Post = 3 No.					
(ii) 200m Post = 13 No.					
(5) ply. and fixing Logo of project - etc.					
					= 1 No. = 1 No.
(ii) citizen information Board = 1 No. = 1 No.					
(6) printing New Letter and figure - etc.					
	2	176			= 352.00 No.
(7) Direction and Place identification Sign Board etc.					
	2	1.20m	0.80m		= 1.92m ²
(8) provision of Rumble strips - etc.					
(i) Road strips - 15x12 = 180 No.					
(ii) Road marking Paint -					
	15	3m	0.50m		= 22.50m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) ply. and fixing. A semi reflected Cautionary Board					
(i) 600mm equilateral and Triangle Board = 15 No.					
(ii) 600mm circular Board = 2 No.					
(iii) 800mm x 600mm Rectangular Board = 2 No.					
(iv) 600mm x 450mm Rectangular Board = 3 No.					
(v) 600mm x 600mm R = 50 No.					
(vi) 950mm side SC dgm					
					= 2 No.
(10) painting two coats New plaster work of parapet etc.					
Qty. vide T.M.B. p. 410.					
3 x 4 x 3m x 0.6m =					21.6m ²
3 x 2 x 3m x 0.4m =					7.2m ²
3 x 4 x 0.4m x 0.6m =					2.88m ²
1 x 4 x 2.5m x 0.6m =					4.8m ²
1 x 2 x 2.5m x 0.4m =					1.6m ²
1 x 4 x 0.4m x 0.6m =					0.96
2 x 5 x 7.5m x 0.6m =					42.0m ²
1 x 5 x 7.5m x 0.4m =					14.0m ²
1 x 4 x 0.4m x 0.6m =					0.96m ²
					<u>96.0m²</u>

Continuation

C.O

2nd and Final measurement

Ch-11; - MR- (3054) New machine
Sch. XLV-Form No. 134 name Akiy 2018

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work:- M.R. to Road from Sultangang Deoghar PWD Road Haranpur to Majwa Road.					
Name of Contractor:- Ashish Construction Gola Road Shakti mungar.					
Agg No:- 05 MBD/2019-20					
Date of Agg:- 25/11/2019					
Date of Completion 24/8/2020					

Measurement

① Planting of tree etc.

BY = 145 NO

24/6/2020
28/10/2020