

ਗੁਰਦਿਪਤ

MIR-N-Lakhisarwal-10

Schedule XLV Form No. 134.

25 M.B.D
20.21

ਅੰਦਰ ਲਾਗੂਪਣੇ ਦੇ ਮਾਤਰਾ ਦਿਖਾਏ ਪਦ

DIVISION

Comp — 13372980+
Main — 7025216+
203.98,196 =

SUB-DIVISION

Length 7 12 m.

Measurement Book

ਪਿਤਾ - 12-2-21
ਮਾਤਾ - 11-11-21

M.B - 622
20-2-21

ਸ੍ਰੀ ਕੁਮਾਰੀ ਕੁਮਾਰ

प्रमाणित किया जाता है
कि इस मापन पुस्तिका सं. 682
में कुल 100 पन्ने हैं जो
आदर्श जमीनी लक्षणों के मापन
विधियों पर निर्भर करते हैं
मौजूदा प्रमाणित A. & S. के
आदेश के अंतर्गत है
निर्माण किया गया है।

20.9.2021
कार्यपालक अधिकारी
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, लखीसराय
25-2-21

Sch. XLV - Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 682

25-2-21
कार्यपालक अधिकारी
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, लखीसराय

Name of Officer _____

Date of first entry _____

Date of last entry _____

Schedule PLV Form No. 134

NOTES

REFERENCE TO P. W. A. CODE, CHPLVII
Para 30 & 31

1. In recording detailed measurements, the following general instructions should be carefully observed:

- (a) Subject to such subsidiary orders as may be laid down by the local Government detailed measurements should be recorded only by Executive or Assistant Engineers or by Executive subordinates in-charges of work to whom measurement books have been supplied by the Executive Engineer for the purpose.
- (b) All measurements should be bear taken down in a measurement book Form 23, issued for the purpose, no where else.
- (c) Each set of measurement should commence with entries stating —
 - (i) In the case of bills for work done :-
 - (a) Full name of wok as given in estimate
 - (b) Situation of work
 - (c) Name of contractor.
 - (d) Number and date of his agreement and
 - (e) Date of measurement
 - (ii) In case of bills for supply for materials :-
 - (a) Name of Supplier
 - (b) Number and date of his agreement for order,
 - (c) Purpose of supply in one of the following forms applicable of the case —
 - (i) "Stock" (for all supply for stock purpose)
 - (ii) "Purchase" for direct issue to the work (full name of work as given in estimate may be mentioned)
 - (iii) "Purchase" for (full name of work as given in estimate) issued to contractor

..... on and

- (d) Date of measurements and should end with the Paid initials of the officer marking the measurement, see also paragraph 25)

A suitable abstract should then be prepared which / should collect in the case of measurement for work done, the total quantities of each distinct item of work relating to each sanctioned sub-head.

- (e) As all payments for work supplies are based on the quantities recorded in the measurement books it is incumbent upon the person taking the measurement to record the quantities clearly and accurately. If the measurements are taken in connection with a running contract account on which work has been previously measured he is further responsible (1) that reference to the last set of measurements is recorded and (2) that if the entire job or contract has been completed the fact is recorded prominently just above his initials.
- (f) Entries should be record continuously in the measurement book No blank pages may be left and no page be turn out. Any page left in advertently must be cancelled by diagonal lines. The cancellation being attested. See also paragraph or the Public Work Department Code.
- (g) No entry may be erased, of a mistake is made it should be correct (and dated) by the responsible officer in the manner prescribed in paragraph 335 of the Public Works Department Code. When any measurements are cancelled, the cancellation, must be supported by the dated initials of the officer ordering the cancellation or by reference to his orders installed by the officer who made the measurements in either case the reason for cancellation should be recorded.

Each measurement book should be provided with an index which should be kept up to date

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.	
Name of Work:-	Maintenance of				
	Road from Adarsh Laxmi				
	to Lal Darya				
Agency:-	Rajni Singh Kumar				
At:-	Paharpur, Po Darjapur,				
	Lakh Sarai, Bidar				
Date of Agg. No. 25MB	20-2-21				
Date of Commencement:-	12-2-21				
Date of Completion:-	11-11-21				

Record Entry

i) cleaning & grubbing of road Land

$2 \times 33 \times 30.00 \times 1.00 = 1980.00 \text{ m}^2$	
$2 \times 1 \times 10.00 \times 1.00 = 20.00 \text{ m}^2$	
$2 \times 33 \times 30.00 \times 1.00 = 1980.00 \text{ m}^2$	
$2 \times 1 \times 10.00 \times 1.00 = 20.00 \text{ m}^2$	
$2 \times 33 \times 30.00 \times 1.00 = 1980.00 \text{ m}^2$	
$2 \times 1 \times 10.00 \times 1.00 = 20.00 \text{ m}^2$	
$2 \times 33 \times 30.00 \times 1.00 = 1980.00 \text{ m}^2$	
$2 \times 1 \times 10.00 \times 1.00 = 20.00 \text{ m}^2$	
$2 \times 12 \times 30.00 \times 1.00 = 720.00 \text{ m}^2$	
Continuation	8720.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 33 \times 30.00 \times 1.00 = 1980.00$					
$2 \times 14 \times 10.00 \times 1.00 = 280.00$					
$2 \times 28 \times 30.00 \times 1.00 = 1680.00$					
$2 \times 5.00 \times 30.00 \times 1.00 = 300.00$					12400.00 ML
$= \frac{12700}{10,000} \text{ Hect}$					300.00
$= 1.27 \text{ Hect}$					12700.00

2. Pondip Construction
 granular sub base (GSS)

$1 \times 16.00 \times 2.95 \times 0.150 = 4.92 \text{ m}^3$	
$1 \times 13.00 \times 2.35 \times 0.150 = 4.58 \text{ m}^3$	
$1 \times 12.00 \times 2.55 \times 0.150 = 4.59 \text{ m}^3$	

$1 \times 15.00 \times 1.75 \times 0.150 = 3.94 \text{ m}^3$	
$1 \times 12.00 \times 2.65 \times 0.150 = 4.73 \text{ m}^3$	
$1 \times 14.00 \times 1.75 \times 0.150 = 3.68 \text{ m}^3$	
$1 \times 15.00 \times 2.25 \times 0.120 = 4.05 \text{ ''}$	
$1 \times 12.00 \times 2.35 \times 0.150 = 4.23 \text{ ''}$	
$1 \times 13.00 \times 1.85 \times 0.150 = 3.61 \text{ m}^3$	
$1 \times 14.00 \times 2.15 \times 0.150 = 4.52 \text{ m}^3$	
$1 \times 12.00 \times 2.35 \times 0.150 = 3.87 \text{ ''}$	
$1 \times 11.00 \times 1.85 \times 0.150 = 3.05 \text{ ''}$	
$1 \times 13.00 \times 2.45 \times 0.150 = 4.78 \text{ ''}$	
$1 \times 12.00 \times 1.65 \times 0.140 = 2.77 \text{ ''}$	
$1 \times 13.00 \times 2.05 \times 0.150 = 4.00 \text{ ''}$	
$1 \times 15.00 \times 2.35 \times 0.150 = 5.29 \text{ ''}$	
$1 \times 11.00 \times 2.55 \times 0.150 = 4.21 \text{ ''}$	
70.86 m³	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x14m	2.35	0.150			4.94m ³
1x12m	2.25	0.150			4.05 "
1x14m	1.85	0.150			3.89 "
1x13m	2.05	0.150			4.00 "
1x12m	2.15	0.150			3.87 "
1x13m	2.35	0.150			4.92 "
1x12m	2.35	0.150			4.23 "
1x17m	2.85	0.150			7.27 "
1x16m	2.75	0.150			6.60 "
1x17m	2.65	0.100			4.51 "
1x18m	1.78	0.150			4.81 "
1x19m	1.78	0.150			5.67 "
1x20m	1.85	0.150			5.55 "
1x21m	1.95	0.150			6.14 "
1x22m	2.05	0.110			4.96 "
1x18m	1.65	0.150			4.46 "
1x19m	1.65	0.150			4.70 "
1x20m	1.75	0.150			5.25 "
					160.13m ³
1x21m	1.95	0.150			6.14m ³
					166.27m ³
3. Ponding layer spreading					
2 Compaction layer 153m 6m ³					
1x16m	2.25	0.075			2.70m ³
1x13m	2.35	0.075			2.49m ³
1x12m	2.75	0.075			2.48m ³
1x15m	1.95	0.075			2.19m ³
					9.86m ³

Continuation

B² M 9.86 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1712.00	72.85	70.075			2.57 m ³
1714.00	71.95	70.075			2.05 m ³
1715.00	72.45	70.075			2.76 m ³
1712.00	72.55	70.075			2.30 m ³
1713.00	72.05	70.075			2.00 m ³
1714.00	72.75	70.075			2.47 m ³
1712.00	72.35	70.075			2.12 m ³
1711.00	72.05	70.075			1.69 m ³
1713.00	72.65	70.075			2.58 m ³
1712.00	71.85	70.075			1.67 m ³
1713.00	72.25	70.075			2.19 m ³
1715.00	72.55	70.075			2.87 m ³
1711.00	72.75	70.075			2.27 m ³

1714.00	72.55	70.075			2.68 "
1712.00	72.45	70.075			2.21 "
1714.00	72.05	70.075			2.15 "
1713.00	72.25	70.075			2.19 "
1712.00	72.35	70.075			2.12 "
1711.00	72.75	70.075			2.68 "
1712.00	72.55	70.075			2.30 "
1713.00	73.05	70.075			3.89 "
1716.00	72.95	70.075			3.52 "
1717.00	72.85	70.075			3.63 "
1718.00	71.98	70.075			2.67 "
1719.00	71.98	70.075			2.82 "
1720.00	72.05	70.075			3.08 "
1721.00	72.15	70.075			3.39 "
					78.75 m ³

Continuation

BR 78.75m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1722	72.25	70.075			3.71 m ²
1718	71.85	70.075			2.50 m ²
1719	71.85	70.075			2.64 m ²
1720	71.95	70.075			2.93 "
1721	72.15	70.075			3.39 "
1722	72.25	70.075			3.71 "
1724	72.5	70.075			4.50 "
1719	72.30	70.075			3.28 "
1720	72.10	70.075			3.15 "
1721	72.05	70.075			3.23 "
1722	72.15	70.075			3.55 "
1723	72.50	70.075			4.31 "
1726	72.30	70.075			4.49 "
1724	72.20	70.075			3.96 "
1721	72.00	70.075			3.15 "
1722	72.60	70.075			4.79 "
1723	72.50	70.075			4.31 "
1726	72.30	70.075			4.49 "
1724	72.20	70.075			3.96 "
1723	72.45	70.075			4.23 "
1726	72.30	70.075			4.49 "
					157.02 m ²
1723	72.45	70.075			4.23
1726	72.20	70.075			3.96
					165.24 m ²
4) Ponds laying spreading					
2) Compacting with Gravel					
1716	72.45	70.075			2.94 m ²
1713	72.75	70.075			2.68 "
1712	72.95	70.075			2.66 "
					8.28 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
1x15.00	2.15	0.075			2.42 m ²
1x12.00	3.05	0.075			2.75 "
1x14.00	2.15	0.075			2.26 "
1x15.00	2.65	0.075			2.98 "
1x12.00	2.75	0.075			2.48 "
1x13.00	2.25	0.075			2.19 "
1x14.00	2.55	0.075			2.68 "
1x12.00	2.55	0.075			2.70 "
1x11.00	2.25	0.075			1.86 "
1x13.00	2.85	0.075			2.78 "
1x12.00	2.05	0.075			1.85 "
1x13.00	2.45	0.075			2.39 "
1x15.00	2.75	0.075			3.09 "

1x11.00	2.95	0.075			2.43 "
1x14.00	2.75	0.075			2.89 "
1x12.00	2.65	0.075			2.39 "
1x14.00	2.25	0.075			2.36 "
1x13.00	2.45	0.075			2.39 "
1x12.00	2.55	0.075			2.70 "
1x13.00	2.95	0.075			2.88 "
1x12.00	2.75	0.075			2.48 "
1x17.00	3.25	0.075			4.14 "
1x16.00	3.15	0.075			3.78 "
1x17.00	3.05	0.075			3.89 "
1x18.00	2.18	0.075			2.94 "
1x19.00	2.18	0.075			3.11 "
1x20.00	2.75	0.075			3.70 "

81.99

Continuation

bP 81.99

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x 22.00		2.45		0.075	4.04 m ³
1x 18.00		2.05		0.075	2.77 m ³
1x 19.00		2.05		0.075	2.92 "
1x 20.00		2.15		0.075	3.23 "
1x 21.00		2.35		0.075	3.70 "
1x 22.00		2.45		0.075	4.04 "
1x 24.00		2.70		0.075	4.86 "
1x 19.00		2.50		0.075	3.56 "
1x 20.00		2.30		0.075	3.45 "
1x 21.00		2.25		0.075	3.54 "
1x 22.00		2.35		0.075	3.85 "
1x 23.00		2.70		0.075	4.66 "
1x 26.00		2.50		0.075	4.88 "
1x 24.00		2.40		0.075	4.32 "
1x 21.00		2.20		0.075	3.47 "
1x 22.00		2.80		0.075	4.62 "
1x 23.00		2.70		0.075	4.66 "
1x 26.00		2.50		0.075	4.88 "
1x 24.00		2.40		0.075	4.32 "
1x 23.00		2.65		0.075	4.57 "
1x 26.00		2.70		0.075	5.27 "
1x 24.00		2.40		0.075	4.32 "
1x 25.00		2.70		0.075	5.63 "
1x 26.00		2.90		0.075	5.66 "
1x 23.00		3.00		0.075	5.18 "
1x 27.00		2.70		0.075	5.47 "
1x 25.00		2.80		0.075	5.21 "

199.14 m³

Continuation

NP 199.14m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x 26.10	23.10	x 0.075	=	6.05 m ²	
1x 27.10	23.20	x 0.075	=	6.48 "	
1x 25.10	23.30	x 0.075	=	6.19 "	
1x 28.10	22.90	x 0.075	=	6.09 "	
1x 26.10	22.75	x 0.075	=	5.36 "	
1x 25.10	22.62	x 0.075	=	4.91 "	
1x 27.10	23.20	x 0.075	=	6.48 "	
1x 25.10	23.30	x 0.075	=	6.19 "	
1x 28.10	22.90	x 0.075	=	6.09 "	
1x 26.10	22.75	x 0.075	=	5.36 "	
1x 25.10	22.62	x 0.075	=	4.91 "	
1x 28.10	22.72	x 0.075	=	5.71 "	
1x 29.10	22.60	x 0.075	=	5.66 "	

$$1x 26.10 \times 2.75 \times 0.075 = 5.26 "$$

$$279.98 m^2$$

$$1x 28.10 \times 2.72 \times 0.075 = 5.71$$

$$1x 29.10 \times 2.60 \times 0.075 = 5.66$$

$$291.35 m^2$$

5. Priming and applying Prime

Coat with Bitumin

emulsion SS,

Area same as Area

of WBM Goff

$$\text{ex. } \frac{291.35}{0.075} =$$

$$3884.66 m^2$$

6. Priming & applying

Tack Coat with Bitumin

emulsion RS,

Area same as

Prime Coat

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
VTMP P- (8)					
— ca. 3984.666 m ²					

7. Provide paving & rolling
closed graded Premix
surface

Area same as

VTMP P- (8)

— ca.

3984.666 m²

8. Provide applying Tack

Coat

$$1 \times 33 \times 30.0 \times 3.75 = 3712.50 \text{ m}^2$$

$$1 \times 1 \times 10.0 \times 3.75 = 37.50 \text{ m}^2$$

$$1 \times 33 \times 30.0 \times 3.75 = 3712.50 \text{ m}^2$$

$$1 \times 1 \times 10.0 \times 3.75 = 37.50 \text{ m}^2$$

$$1 \times 33 \times 30.0 \times 3.75 = 3712.50 \text{ m}^2$$

$$1 \times 10.0 \times 3.75 = 37.50 \text{ m}^2$$

$$1 \times 33 \times 30.0 \times 3.75 = 3712.50 \text{ m}^2$$

$$1 \times 10.0 \times 3.75 = 37.50 \text{ m}^2$$

$$1 \times 12 \times 30.0 \times 3.75 = 1350.00 \text{ m}^2$$

$$1 \times 33 \times 30.0 \times 3.75 = 3712.50 \text{ m}^2$$

$$1 \times 1 \times 10.0 \times 3.75 = 37.50 \text{ m}^2$$

$$1 \times 28 \times 30.0 \times 3.75 = 3150.00 \text{ m}^2$$

Extra widening

$$3 \times 16 \times \left(\frac{5.15 + 3.75}{2} - 3.75 \right) = 33.60$$

P.S.V.

Continuation

23283.3

m²

BP 23282.30

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5718 m x (5.25 + 3.75 - 3.75) =					67.50 m ²
8715 m (5.05 + 3.75 - 3.75) =					78.00 m ²
6716 m (5.15 + 3.75 - 3.75) =					67.20 m ²
5730 m x 3.75 =					23496.00 m ²
					562.50 m ²
9. Provide laying and Compaction					24058.50
SDBC Compaction					
Area of sea					
Area of Tank bed					
etc.					

					24058.50
					23496.00 x 0.025 =
					8
					1.58740 m ³
					601.463 m ³
10. Construction of Subgrade					
& Earthen shoulder					
cc Pav					
					2 x 30 x 20.00 x 0.75 x 0.3 = 405.00 m ³
BT Pav					2 x 33 x 30.00 x 1.11 x 0.3 = 669.34 m ³
					2 x 1 x 10.00 x 1.11 x 0.3 = 6.66 m ³
					2 x 33 x 30.00 x 1.11 x 0.3 = 669.34 m ³
					2 x 1 x 10.00 x 1.11 x 0.3 = 6.66 m ³
					2 x 33 x 30.00 x 1.11 x 0.3 = 669.34 m ³
					2 x 1 x 10.00 x 1.11 x 0.3 = 6.66 m ³
					2 x 33 x 30.00 x 1.11 x 0.3 = 669.34 m ³
					2 x 1 x 10.00 x 1.11 x 0.3 = 6.66 m ³
					3109.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2x 33x30.00x1.11x.3 =					669.34m ³
2x 1x10.00x1.11x.3 =					6.66 m
2x 8x30.00x1.11x0.3 =					159.84 m
2x 1x10.00x1.11x0.3 =					6.66
					3951.50m ³
2x 5x30.00x1.11x0.3 =					99.90
11. S/P/R 5th km Stone Pts					4051.40
					01 Nos
12. S/P/R ordinary km Stone Pts					
					06 Nos

(13) S/P/R 200m Stone Pts
28 Nos

14 S/P/R Direction &
place identification
Board

$$2 \times 1.2 \times 0.8 = 1.92 m^2$$

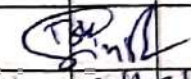
15 S/P/R Retro-reflective
Traffic Sign Board

- (i) 600 mm equilateral Triangle - 45 Nos
(ii) 600 mm Circular Board - 28 Nos
(iii) 600 mm x 450 mm Board - 13 Nos
(iv) 900 mm octagon Stop Board - 04 Nos

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16 Pondsip furnished (strip)					
		573.64	527.5		m ²
17 S/P/R Boundary					
Pillar		116			Nm
18 Plan of Topog					
		10			Nm
19 S/P/R Logo of infra					
subm Board					
		02			Nm
20 Pondsip laying of Hal-					
plastic					
applied thermo compound					
Pain					
	2x33	730.40	0.1		=198.70 m ²
	2x1	710.00	0.1		2.70 m
	2x33	730.40	0.1		198.70 m
	2x1	710.00	0.1		2.70 m
	2x33	730.40	0.1		198.70 m
	2x1	710.00	0.1		2.70 m
	2x33	730.40	0.1		198.70 m
	2x1	710.00	0.1		2.70 m
	2x12	730.40	0.1		74.70 m
					872.70 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$2 \times 33 \times 30.00 \times 0.1 = 198.00$
					$2 \times 17 \times 10.00 \times 0.1 = 34.00$
					$2 \times 28 \times 30.00 \times 0.1 = 168.00$
					$2 \times 5 \times 30.00 \times 0.1 = 30.00$
					<u>1272.00</u>
21. Ponding M.W. (1:3) in Parapet					
					$5 \times 2 \times 6.00 \times 0.4 \times 0.6 = 14.40 \text{ m}^2$
22. Ponding e.p.m. (1:4)					
					$5 \times 4 \times 6.00 \times 0.6 = 72.00 \text{ m}^2$
					$5 \times 2 \times 6.00 \times 0.4 = 24.00 \text{ m}^2$
					$5 \times 4 \times 1.4 \times 0.6 = 4.80 \text{ m}^2$
					<u>100.80</u>
23. Painting two coats over					
Acet A Primer					
					$5 \times 4 \times 4 \times 0.6 = 48.00 \text{ m}^2$
					$5 \times 2 \times 4.00 \times 6.00 = 240.00 \text{ m}^2$
					$5 \times 4.00 \times 4 \times 0.6 = 48.00 \text{ m}^2$
					<u>292.80</u>
 09.11.21 JB  9.11.21 AE					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
1. Clearing and grubbing of road					
VTMP (1) 2 (2)					
1.27 Hect (Crs 49464.01) / Hect Rs 62819.					n
2. Construction of granular sub base (Gr II)					
VTMP (3)					
166.27 m ² (Crs 1363.77) / m ² Rs 2,26,754.					n
3. Priming layer spreading and compacting WBM II					
VTMP (5)					
165.21 m ² (Crs 2484.25) / m ² Rs 410423.					n
4. Priming layer spreading WBM (Gr II)					
VTMP (8)					
291.35 m ² (Crs 2078.05) / m ² Rs 6,04,816.					n
5. Priming layer and applying Prime Coat					
VTMP (8)					
3884.666 m ² (Crs 41.16) / m ² Rs 1,59,893.					n

Continuation

Rs 14,64,705.

1465329

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6 Paved patch work					
over worn strip					
with seal surfacing					
VTMP					
3884.666 m ² (Crs 191.24/m ²)					7,42,904.2
7 Paved 2 applying Tack					
Cost VTMP (9) 3884.666 m ²					
P (10) 24058.50 m ²					
27943.166 m ²					
Crs 13.96/m ²					19 3,90,087.2
8 Paved 2 laying SDSC					
with Compaction					
VTMP (10)					
601.463 m ³ (Crs 9351.58/m ³)					5624629.2
9 S/P/P Paved Compaction					
10 of subgrade & earthen shoulder					
VTMP (11)					
4051.40 m ² (Crs 176.49/m ²)					7,14,951.2
10 S/P/P 5th km Stone					
10 P&L					
VTMP (11)					
Q/NO (Crs 4139.16) Road 19					4139.2
					89,41,415.20

Continuation

8942039

11/11/15

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11 S/P/P ordinary					
" 100 Stone P/W					
VTMP (1)					
06 MS EPS 2187.20 Each MS					17099.10
12 S/P/P 200 mm Stone					
12 P/W					
VTMP (1)					
28 MS EPS 610.20 Each MS					17086.10
13 S/P/P 1/2 Brickwork 2 place					
13 Board					
VTMP (1)					
1.92 m ² EPS 12398.68 Each MS					27805.10
14 Bonding & Finish 600 mm					
14 equilateral triangles					
Board					
VTMP (1)					
45 MS EPS 3630.98 Each MS					163395.10
15 S/P/P 600 mm Circular					
15 Board					
VTMP (1)					
28 MS EPS 3764.71 Each MS					105411.10

11 926421.10

Continuation

9264835

P.T.O.

NPS 9262211

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16 S/P/R 600 mm x 450 mm					
16 Rectangular Board					
VTMRP (11)					
13.00 m ² @ 3634.30 Each / m ²					47246.1
17 S/P/R 900 mm octagon					
17 stop board					
VTMRP (14)					
04 m ² @ 7667.02 Each / m ²					30668.1
18 Pavedip 900 mm x 1200 mm					
18 VTMRP (12)					
7.50 m ² @ 883.10 / m ²					6623.1
19 S/P/R Boundary pillar					
19 VTMRP (12)					
116.10 m ² @ 522.73 Each / m ²					60637.1
20 Planting of Trees					
20 VTMRP (12)					
101 N/S @ 800.30 Each / m ²					80830.1
21 Road Marking with					
22 hot applied thermoplastic compound					
VTMRP (13)					

Continuation

NPS 9490215

9490889

BPA 9490215

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1272.0 m ² C ₁			883.0/m ²		112330.7
22 SIP 11 ² information					
23 Board with Logo					
VTMPR - (12)					
02008 C ₁			9514.40/m ²		19028.4
23 Ponds 100 Aram (12)					
24 in Carpet					
VTMPR (13)					
14.40 m ² C ₁			6189.84/m ²		89134.4
24 Ponds 6 m on (1:7)					
on walls					
VTMPR (13)					
100.80 m ² C ₁			160.08/m ²		16136.4
25 Ponds 10 m on two C ₁					
26 over Ponds 6 m					
VTMPR (13)					
292.80 m ² C ₁			95.63/m ²		28000.4
					19107,65816.4
Add 14. Labour C ₁					10766.4
Add 12% Cost					1291898.4
Less 0.05% below					6080.4
					191215928.4
					12166076
					6083
					12159993

06.06.22
JEAE
Continuation (-)

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
<u>materials determined</u>					
(i) E/W (Subgrade Set)					4051.40 m ³
(ii) metal 26.5 to 9.5 mm					74.13 m ³
(iii) chips 9.5 to 2.36					53.49 m ³
(iv) chips 2.36 to 1.18					84.77 m ³
(v) Stone metal 6 to 45 mm					199.90 m ³
(vi) Stone screenings					42.95 m ³
(vii) Filler materials					3.00 m ³
(viii) Stone metal 6 to 13.2 mm					

$$53 \text{ mm to } 22.4 \text{ mm} = 352.53 \text{ m}^3$$

$$(ix) \text{ Screenings} = 84.50 \text{ m}^3$$

$$\text{chips} = 13.2 \text{ mm to } 0.09 \text{ mm} \\ = 104.89 \text{ m}^3$$

$$(x) \text{ Stone chips } 9.5 \text{ mm to } 4.75 \text{ mm} \\ = 501.06 \text{ m}^3$$

$$(xi) \text{ chips } 4.75 \text{ to below} = 360.42 \text{ m}^3$$

$$(xii) \text{ Filler materials} = 26.59 \text{ m}^3$$

$$(xiii) \text{ Bituminous Emulsion SS}_1 = 3.302 \text{ m}^3$$

$$(xiv) \text{ Bituminous Emulsion RS}_1 \\ \text{RS}_1 = 7.684 \text{ m}^3$$

$$(xv) \text{ Bituminous Sg 10/Sg 10} = 76.781 \text{ m}^3$$

Continuation

06.6.22
JC