

$$\frac{121.13 \cdot N_0 \cdot X}{2888}$$

विष्णु महादेव प्रभु परमेश्वर

12691

Parkgate Ave.

Shedule XLV Form No. 134.

ॐ श्री विद्यालय प्रमुख (गौरी-टन टन सिंह)

श्री गणेशाय नमः (सहो आशि)

DIVISION

14521

SUB-DIVISION

Measurement Book

M.B.V.D-3332

1st and final 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.	
Name of work - Ekma Mashrakh					
pmasy road to Laguni					
Brahman tola Dhenuk					
tola tak.					
Agency - m/s shivam Enterprises					
Agreement no - 98 SBO/20-21					
Date of start - 05/08/2020					
Date of completion - 04/05/21					
Actual date of completion - 02/05/21					
Measurement = 10116					
① setting out pillars					
- do -					
ent = 0.950 km					
② clearing and grubbing					
road land - do -					
2x 38x25x2 = 3800m ²					
3800 = 0.38 Hect					
10000					
③ Box cutting					
Excavation for roadway					
in soil - do -					
For flexible road					
2x 27x30x0.525x0.10 = 85.05					
R.P.C.T	Continuation				
	2x 4x30x0.375x0.10 = 9.0				
	2x 1x20x0.375x0.10 = 1.50m ³				
Total 95.55m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ const. of embankment with approved material deposited from road way cutting — do —					
R.P.R. $[3 \times 30 \times 0.9 \times 0.8 =$					$64.80m^3$
				limit to	$57.33m^3$
⑤ const. of embankment with material obtained from borrow pits — do —					
For 100pm local					
R.P.R. $[2 \times 22 \times 25 \times 0.8 \times 0.8 =$					$704m^3$
				limit to	$679.46m^3$
⑥ const. of subgrade & earthen shoulders					
Flexible road					
$2 \times 27 \times 30 \times 0.3 \times 0.6 =$					$291.60m^3$
R.P.R. Rigid road					
$2 \times 4 \times 30 \times 0.3 \times 0.6 =$					$43.2m^3$
				Total	$334.80m^3$
⑦ const. of granular subbase — do —					
R.P.R. $[3 \times 30 \times 3.75 \times 0.10 =$					$33.75m^3$
$[7 \times 30 \times 3.60 \times 0.10 =$					$108.0m^3$
					$75.6m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
PPG	10	30	3.75	0.10	$112.50m^3$
	7	30	3.75	0.10	$78.75m^3$
Widening					$112.50m^3$
					$78.75m^3$
cf	2	27	30	0.525	$85.05m^3$
R	2	7	20	0.375	$60.75m^3$
Profile correction					$10.50m^3$
cf	36	5	3	0.10	$54.0m^3$
R	4	7	3	0.10	$8.40m^3$
				Total	$395.775m^3$
⑧ WBM gr- III					$458.55m^3$
Providing, laying, spreading and compacting stone					
aggregates					
do					
20	30				
cf	20	30	3.75	0.075	$168.75m^3$
R	7	30	3.60	0.075	$56.70m^3$
	7	20	3.75	0.075	$39.375m^3$
				Total	$264.825m^3$
⑨ Prime coat					
Providing and applying primer coat with bitumen emulsion					
emulsion					
and quantity same as					
quantity					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Q ^d R ^d	8X	25X	3.75X	=	750 m ²
	16X	25X	3.50	=	1400 m ²
	7X	30X	3.45	=	724.50 m
			Total		2874.50

⑩ Tack coat

Providing and applying
tack coat with bitumen
emulsion - do - -

Area used is

same as area
used for Prime coat
in item - (9)

ent = 2874.50 m²

⑪ Providing, laying and
rolling of close-graded
premix surfacing
material of 20 mm
thickness - do - -

Area used is

same as area
used in for tack-

coat in item - (10)

ent = 2874.50

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) contg unreinforced plain cement concrete					
— do —					
as per tech. specification					
2 X 25 X 3.50 X 0.160 = 28.0m ³					
1 X 25 X 3.30 X 0.160 = 13.20m ³					
2 X 25 X 3.45 X 0.160 = 27.60m ³					
1 X 15 X					
3 X 5 X 3.75 X 0.160 = 9.0m ³					
Total					77.80m ³

(13) Kilometer stone					
Reinforced cement concrete					
m-15 grade					
— do —					
(i) Km stone	ent 2				2 No.
(ii) 200 m stone	ent 2				4 No.
(14) Providing & fixing of					
retro-reflectorisd					
cautionary, mandatory					
and informatory sign					
— do —					
(i) 600 mm equilateral					
triangle	ent 2				2 No.
(ii) 600 mm circular	ent 2				2 No.
(iii) 600 X 450 mm rectangular	ent 1				1 No.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15) Road marking Providing and laying of hot applied thermo plastic compound do					
296 [2 x 38 x 25 x 0.10 =					190 m ²
16) Boundary pillar Reinforced cement concrete m 15 grade boundary pillar do					
Ant = 8 No.					
17) Providing and erecting direction and place identification do					
Ant = 2 No.					
18) Planting of trees by the road side - do					
Ant = 75 No.					
19) Providing and fixing of typical informatory sign board with logo do					
Ant = 13 No.					
20) Brick masonry work in cement mortar do					
296 [2 x 6.00 x 0.40 x 0.60 =					2.88 m ³

Continuation

Continuation

Abstract of cost

8

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Setting out pillars					
- do -					
ent = 0.950 Km	Page-①				
item - (1) @ Rs 6048.02 =					
					Rs 5746 = ✓
2. Clearing and grubbing					
road land - do -					
ent = 0.38 hect	P-①				
item - (2) @ Rs 51133.76					
					= Rs 19431.2 ✓
3. Box cutting					
Excavation for roadway					
ent = 95.55 m	P-①				
item - (3) @ Rs 126.24					
					= Rs 12063 = ✓
4. const. of embankment					
with material					
ent = 57.33 m ³	P-②				
item - (4) @ Rs 88.362					
					Rs 5066 = ✓
5. const. of embankment					
- do -					
ent = 679.46 m ³	P-②				
item - (5) @ Rs 184.30 =					
					Rs 125224 = ✓
6. const. of subgrade &					
earthen shoulders					
- do -					

Continuation

167530 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ant = 334.80 m ³	P-②				
item - ⑥ @ Rs		210.88			
				Rs	70603=
⑦ const. of granular subbase - do -					
ant = 458.55 m ³					
P-③ item - ⑦					
@ Rs 3515.15 @/m ³ = Rs					1611872=
⑧ 1:1Bm gr - III					
- - - do -					
ant = 264.825 m ³					
P- ③ item - ⑧					
@ Rs 4263.74/m ³ = Rs					1129145=
⑨ Prime coat					
- - - do -					
ant = 2874.50 m ²					
P-④ item - ⑨					
@ Rs 45.53/m ² = Rs					130876=
⑩ Tack coat					
- - - do -					
ant = 2874.50 m ²					
P-④ item - ⑩					
@ Rs 15.66/m ² = Rs					45015=
⑪ Providing, laying and rolling of class-graded					

Continuation

3155041.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
premix surfacing material of 20 mm thick - - do - -					
ent = 2874.50 m ²					
P-(4) item - (11)					
@ Rs 248.69/m ² = Rs					714859.2
(12) const. of unreinforced plain cement concrete - - do - -					
ent = 77.80 m ³ P- (5)					
item - (12)					
@ Rs 7828.40/m ³ = Rs					609049.2
(13) Kilometer stone Reinforced cement concrete - - do - -					
(i) Km - stone					
ent = 2 No. Page - (5)					
itm - 13 (i)					
@ Rs 2273.56/m ³ = Rs					4547.2
(ii) 200 m stone					
ent = 4 No. P- (5)					
itm - 13 (ii)					
@ Rs 633.71/m ³ = Rs					2535.2

Continuation

4486031

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Providing & fixing of retro-reflectonised cautionary -- do --					
(i) 600 mm equilateral					
ent = 2 No. P- (5)					
item - 14 (i)					
@ Rs 3582.12/H = Rs 7164 =					
(ii) 600 mm circular					✓
board -- do --					
ent = 2 No. P- (5)					
item - 14 (ii)					
@ Rs 4740.23/H					
				= Rs	9480 =
(iii) 600 mm x 450 mm					✓
rectangular board					
-- do --					
ent = 1 No. P- (5)					
item - 14 (iii)					
@ Rs 4643.72 = Rs 4643 =					
(15) Road marking with hot applied thermoplastic					
-- do --					
ent = 190 m ² P- (6)					
item - (15) @ Rs 735.44					
				= Rs	139733 =

Continuation

4647051

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) Boundary pillar					
— — — do — — —					
ent = 8 No. P- (6)					
item - (16) @ Rs 511					
				= Rs	4088 =
(17) Providing & erecting					
direction and place					
identification — do —					
ent = 2 No. P- (6)					
item - (17) @ Rs 10436.40					
				= Rs	20873 =
(18) Planting of trees					
— — — do — — —					
ent = 75 No. P- (6)					
item - (18) @ Rs 822.26					
				= Rs	61669 =
(19) Providing & fixing of					
typical masonry					
board — do —					
ent = 3 No. Page - (6)					
item - (19) @ Rs 9411.82					
				= Rs	28235 =
(20) Brick masonry work					
in cement mortar					
— — — do — — —					
ent = 2.88 m ³ P- (6)					
item - (20) @ Rs 6543.90					
				= Rs	18846 =

Continuation

4780762 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21) Providing pcc m-20 architectural coping — — — — —					
ent = 12 m				Page-(7)	
item - (21) @ Rs 4241.64					
				2 Rs	5096 =
(22) Plastering with cement mortar — — — — —					
ent = 20.16 m ²				Page-(7)	
item - (22) @ Rs 167.59					
				2 Rs	33792
Total Rs					47892375

Add W.T. 12% (+) Rs	574708 =
Add labour cum 1% (+) Rs	47892 =
Add seigniorage fee (+) Rs	53043 =
Total Rs	5464880 =
Less 0.03% as per agreement (-) Rs	1639 =
Total Rs	5463241 =

Working
 02/05/2022
 JE

RPS
 2-2-2022
 AE

C&A
 8/2/22
 BR

Work has been completed
 as per tech. specification.

Working
 02/05/2024
 JE

RPS
 2-2-2022
 Continuation
 AE