

MM65Y (SC)

MBN: 3623

Schedule XLV-Form No. 134

PM65Y Manikbur Mard Dhaliya Pakki

DIVISION

Sarak to uttaramit vidhalay tak.

SUB-DIVISION

Ekma

3623

Measurement Book

DheeraJ Kumar Mishra

1st A/c Bill

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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.	
N/W - PMGSY					
Manikpur					
muradhatiya					
Pakki Sadak to Utkramiti Vidyalyay					
Agency - Shriy K. Mishra					
Agreement No - 15 SPD/2021					22
Work started date - 19/6/21					
Bellow - 0.01%					
① Providing and fixing of					
working bench mark and					
reference pillars.					

0.364 km.

② Excavation of roadway.

Be bed existing c.c. portion

$$2 \times 9 \times 25 \times 0.375 \times 0.100 = 16.875 \text{ m}^3$$

$$2 \times 1 \times 13 \times 0.375 \times 0.100 = 0.975 "$$

$$17.85 \text{ m}^3$$

③ clearing and grubbing

$$2 \times 10 \times 30 \times 1.0 = 720 \text{ m}^2$$

$$2 \times 1 \times 4 \times 1.0 = 8 "$$

$$728 \text{ m}^2$$

0.07 hect

④ Constⁿ of each ankment-

with approved material -

deposited from roadway

cutting

Continuatic:-

$$60\% \text{ qty} - 10.71 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Const ⁿ of embankment obtained from borrow pits lead up to 100m.					
pits near Mnihpur parlor					
$2 \times 12 \times 7 \times 0.300 = 50.40 M^3$					
$4 \times 13 \times 30 \times 6.5 \times 0.9/5 = 108.92$					
				$159.327 M^3$	
				$\text{std by } 158.05 M^3$	
(6) Const ⁿ of subgrade					
$2 \times 4 \times 30 \times 0.890 \times 0.100 = 21.36 M^3$					
$2 \times 1 \times 6 \times 0.890 \times 0.100 = 1.068 "$					
Side berm and P.M.C -					
$2 \times 4 \times 30 \times 0.1125 \times 0.075 = 20.25 "$					
$2 \times 1 \times 6 \times 1.125 \times 0.075 = 1.012 "$					
In rigid					
$2 \times 9 \times 25 \times 0.625 \times 0.075 = 21.09 "$					
W.P.M					
$2 \times 1 \times 13 \times 0.625 \times 0.075 = 1.22 "$					
c.c -					
$2 \times 9 \times 25 \times 0.625 \times 0.160 = 45.00 "$					
$2 \times 1 \times 13 \times 0.625 \times 0.160 = 2.60$					
(8) G.S.B cutting in BT portion					
$2 \times 4 \times 30 \times 0.375 \times 0.100 = 9.00 M^3$					
$2 \times 1 \times 6 \times 0.375 \times 0.100 = 0.45 "$					
				$9.45 M^3$	
(9) G.S.B. -					
In cross Cutting. Overd - (A)					
				$17.85 M^3$	
				$9.45 "$	
Correct = in profile continuation					
$65 \times 0.900 \times 0.800 \times 0.100 = 4.69 "$					
				$31.96 M^3$	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			30		31.96M ³
BT portion full width	4	30	3.75	0.100	45.00
	1	6	3.75	0.100	2.25
Reg'd	20	3.75		0.100	7.50
					86.71M ³
(10) Bounding and laying spreading with M 90 II					
	20	18	3.75	0.075	101.25M ³
	1	4	3.75	0.075	1.125 "
					102.375M ³
(11) Bounding and applying prime coat.					
	5	25	3.75		468.75
	1	1	3.75		3.75
					472.50M ²
(12) Bounding and applying tack coat - Qty same.					
					as per item No - (11) 472.50M ²
(13) M. S. S. 20mm thick					
	208-238	30	3.58	3.65	108.45M ²
	238-268	30	3.65	3.50	107.25 "
	268-298	30	3.50	3.30	102.00 "
	298-334	2	18	3.30	131.40 "
					449.10M ²
(14) Cement-Concrete pavement					
	0-30	30	3.82	3.82	18.34M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30-60	=	30	$\frac{3.82+4.30}{2}$	$\times 0.160$	= 19.49 M ³
60-90	=	30	$\frac{4.30+3.75}{2}$	$\times 0.160$	= 19.32 "
90-120	=	30	$\frac{3.75+3.90}{2}$	$\times 0.160$	= 18.36 "
120-150	=	30	$\frac{3.90+4.0}{2}$	$\times 0.160$	= 18.96 "
150-180	=	30	$\frac{4.0+3.54}{2}$	$\times 0.160$	= 18.096 "
180-208	=	28	$\frac{3.54+3.58}{2}$	$\times 0.160$	= 15.95 "
208-238	=	30	$\frac{3.58+4.30+3.85}{3}$	$\times 0.160$	= 18.71
Net Qty					146.88 M ³
⑮ Boundary pillow					5 NO.
⑯ Kuv Stone					2 NO.
⑰ 2004 Stone					1 NO.

- ⑱ 600 mm in equalateral - 1 NO.
- ⑲ 600 mm x 450 mm rectangular. 1 NO.
- ⑳ Direction and placing 1 NO.
- ㉑ Road marking
- $2 \times 12 \times 30 \times 0.100 = 72.00 M^2$
- $2 \times 1 \times 4 \times 0.100 = 0.80$
- $72.80 M^2$
- ㉒ Providing and fixing logo project - 1 NO.
- ㉓ Maintenance board 1 NO.
- ㉔ Citizen board 1 NO.
- ㉕ Planting of trees - 14 NO.

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26/6/20

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22/06/24
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Continuation

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Sharing Kumar Mishra

Abstract of Cst

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Reference pillar - $\Delta V P - ①$ 0.364 km $CR_{6079.10/km}$ $R_{2213=00}$					
② Excavation of roadway. $\Delta V P - ① - 17.85 M$ $② - 9.45 M$ $R_{3446=00}$					
$CR_{126.24/M^3}$ $27.30 M$					
③ cleaning and grubbing $\Delta V P - ① 0.07 \text{ hect}$ $CR_{51133.74/hect}$ $R_{3784=00}$					
④ Const ⁿ of embankment obtained from roadway cutting. $\Delta V P - ①$ $10.71 M^3$ $CR_{88.36/M^3}$ $R_{946=00}$					
⑤ Const ⁿ of embankment obtained from borrow pits. length up to 1000 M. $\Delta V P - ② 15805 M^3$ $CR_{184.30/M^3}$ $R_{29129=00}$					

Continuation

$$R_{39518} = 00$$

BDR 3958200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Const. 2 nd subgrade in RT. part - 2 nd 4 th - 43.67 M ³					
CR 210.88/M ³					R 9213200
⑦ Const. 2 nd subgrade in rigid m/c - 2 nd 4 th - 69.91 M ³					
CR 210.88/M ³					R 14867200
⑧ Providing and laying G.S.B. dry m/c - 2 nd 4 th - 86.71 M ³					
CR 3548.82/M ³					R 307718200
⑨ Providing and laying W.P.M. G.S.B. dry m/c - 2 nd 4 th - 102.375 M ³					
CR 4301.87/M ³					R 440404200
⑩ Prime coat. dry m/c - 2 nd 4 th - 472.50 M ²					
CR 45.55/M ²					R 21522200
⑪ Tack coat. dry m/c - 2 nd 4 th - 472.50 M ²					
CR 15.66/M ²					R 7399200
⑫ M.S.S. dry m/c - 2 nd 4 th - 449.10 M ²					
CR 249.37/M ²					R 111992200
⑬ Cement concrete pavement dry m/c - 2 nd 4 th - 146.88 M ³					
CR 7877.31/M ³					R 157019200
⑭ Boundary pillar dry m/c - 2 nd 4 th - 5 Nos CR 512 each					R 2560200
⑮ Kum Stone dry m/c - 2 nd 4 th - 2 Nos. CR 2287102 each					R 4574200

Continuation

R 216786200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① 200mm x 100mm - ④					
1 No. @ Rs 636.10 each					Rs 636=00
② 600mm equilateral - ④ 1 No.					
Rs 3582.12 each					Rs 3582=00
③ 600mm x 450mm rectangular, ④					
1 No. @ Rs 4643.72 each					Rs 4644=00
④ Direct on and placing					
④ 1 No.					
@ Rs 10442.70 each					Rs 10443=00
⑤ Road marking					
72.80 M ² @ Rs 735.66/M ²					Rs 53540=00
⑥ Logo project - ④					
1 No. @ Rs 9424.42 each					Rs 9424=00
⑦ Maintenance bond - ④ 1 No.					
@ Rs 9424.00 each					Rs 9424=00
⑧ Citizen bond - ④					
1 No. @ Rs 9424.42 each					Rs 9424=00
⑨ Tree plantation - ④ 14 No					
@ Rs 822.26 each					Rs 11512=00
					Rs 2229415=00
Add 12% GST				(+)	Rs 267530=00
Add 1% - C				(+)	Rs 22294=00

Continuation Rs 2519239=00

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Material statement

E/W	309 M ³ .
Stone metal	228.79 M ³ .
Dms +	58.07 M ³ .
stone chys	132.19 M ³ -
Coarse sand	66.09 M ³

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Continuation