

ମୁଖ୍ୟ ମନ୍ତ୍ରୀଙ୍କ ଅନୁମତି

ମ.ବ.ନଂ-3444

Schedule XLV-Form No. 134

ଜାତୀୟ ମୁଦ୍ରା ମହାବଳୀର ମୂଲ୍ୟାଙ୍କନ ଏବଂ ମାପ

ପାଠ୍ୟପୁସ୍ତକ - 32 / (S.B.D) / 2024-22

ସ୍ୱତନ୍ତ୍ର - ମାତ୍ର ମାପ

DIVISION

ମାତ୍ର ମାପ ଏବଂ ମାପ

ଜାତୀୟ

SUB-DIVISION

MEASUREMENT BOOK

ମ.ବ.ନଂ- 3444

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.	
N/W: Construction of Road & CID works from Tekniwal Jalalpur Path to Ramnagar under mmhsy (Gen) at block Jalalpur.					
N/ Agency - Sri Rambabhi Kuma					
Agg. NO - 32/SB/D/2021-22					
Date of start - 27.09.2021					
Date of completion - 26.06.2022					
Date of Measurement - 10.03.2022					
Detail of work					
(1) Plr & fixing of working Benchmark pillar					
					= 0.850 Km.
(2) clearing & grubbing of road land.					
	2	20	30.00m	1.00m	= 1200.00m ²
	2	8	30.00m	1.00m	= 480.00m ²
	2	1	10.00m	1.00m	= 20.00m ²
					Total = 1700.00m ²
					= 0.17 Hect

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Box cutting - Excavation					
for roadway in soil					
Using manual means.					
	2 X 1	30.00 m	0.150 m	0.10 m	$= 0.90 m^3$
	2 X 10	30.00 m	0.375 m	0.10 m	$= 22.50 m^3$
	2 X 7	30.00 m	0.375 m	0.10 m	$= 15.75 m^3$
	2 X 6	30.00 m	0.150 m	0.10 m	$= 5.40 m^3$
	2 X 1	10.00 m	0.200 m	0.10 m	$= 0.40 m^3$
	2 X 4	30.00 m	0.375 m	0.10 m	$= 9.00 m^3$
				Total =	$53.95 m^3$
(4) Construction of embankment					
with approved material					
deposited for roadway cutting					
	Qty = 60% of excavated soil				
	$= 60\% \text{ of } 53.95 m^3$				
	$= 32.37 m^3$				
(5) Construction of embankment					
with material obtained from					
borrow pits with a haul up to					
1000 m					
	2 X 10	30.00 m	1.00 m	0.60 m	$= 36.00 m^3$
	2 X 7	30.00 m	1.00 m	0.60 m	$= 25.20 m^3$
	2 X 6	30.00 m	1.00 m	0.60 m	$= 21.60 m^3$
	2 X 4	30.00 m	1.00 m	0.60 m	$= 14.40 m^3$
				Total =	$97.20 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Construction of granule					
Sub base by partially coarse graded material.					
In box cutting —					
	2	1	30.00 m	0.150 m	0.10 m ³
	2	10	30.00 m	0.375 m	22.50 m ³
	2	7	30.00 m	0.375 m	15.75 m ³
	2	6	30.00 m	0.150 m	5.40 m ³
	2	1	10.00 m	0.200 m	0.40 m ³
	2	4	30.00 m	0.375 m	9.00 m ³
For profile correction.					
	4	3	50 m	2.00 m	2.80 m ³
	6	5	10 m	3.00 m	9.18 m ³
	5	4	20 m	2.50 m	5.25 m ³
	4	6	00 m	3.00 m	7.20 m ³
	6	4	80 m	2.10 m	6.04 m ³
Extra width of H-cul.					
	4	5	50 m	0.60 m	1.32 m ³
	2	3	80 m	2.40 m	1.82 m ³
	2	6	00 m	0.550 m	1.32 m ³
	2	2	50 m	2.00 m	1.00 m ³
Total =					89.88 m ³
(7) P.V., leveling, spreading &					
Compacting of W.B.M-3					
	1	30.00 m	3.30 m	0.075 m	7.42 m ³
	10	30.00 m	3.75 m	0.075 m	84.37 m ³
Qty 40 =					24.29 m ³
Continuation					91.79 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty	BIF =	91.79 m ² 24.29 m ²
7 x 30.00 m x 3.75 m x 0.075 m					59.06 m ²
6 x 30.00 m x 3.30 m x 0.075 m					44.55 m ²
1 x 10.00 m x 3.40 m x 0.075 m					2.55 m ²
4 x 30.00 m x 3.75 m x 0.075 m					33.75 m ²
Extra width of H-cul.					
4 x 5.50 m x 0.60 m x 0.075 m					0.99 m ²
2 x 3.80 m x 2.40 m x 0.075 m					1.36 m ²
4 x 6.00 m x 0.55 m x 0.075 m					0.99 m ²
2 x 2.80 m x 2.00 m x 0.075 m					0.75 m ²
2 x 5.00 m x 0.60 m x 0.075 m					0.45 m ²
				Total =	168.74 m ² 36.24 m ²

⑧ Plv & fixity of typical
MMSV intermediate sign board
with logo = 02 Nos.

Mdm
10/03/22
(JE)

10/03/22
AL

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Abstract of cost</u>				
<u>1.</u>	Plr & Fixing of working Benchmark pillars				
0.850 Km, vide TMBP-1					
① Rs 12,230 = 30/Km - Rs 10,396 = 00					
<u>2.</u>	clearing & grubbing of road land.				
0.17 Hect, vide TMBP-1					
① Rs 53879 = 81/Hect Rs 9160 = 00					
<u>3.</u>	Box - cutting Excavation for roadway in soil using manual				
	meas.				
53.95 m ³ , vide TMBP-2					
① Rs 133 = 10/m ³ - Rs 7181 = 00					
<u>4.</u>	Construction of subgrade with of brown material deposited for roadway cutting				
32.37 m ³ , vide TMBP-2					
① Rs 96 = 78 /m ³ - Rs 8133 = 00					
<u>5.</u>	Construction of subgrade with material obtained for borrow pits with a lead upto 1000m.				
972.00 m ³ , vide TMBP-2					
① Rs 197 = 10/m ³ - Rs 1,91,581 = 00					
	② Rs 2,21,451 = 00				

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F; B	2,21,451=00
$\frac{6}{7}$	Construction of gravel sub-base by placing coarse graded material.				
89.88 m ³	vide TMD-3				
	①	B	2735=10/m ²	B	2,45,831=00
$\frac{7}{8}$	P.V. layer, spreading & compaction of WBM-3				
236.24 m ³	vide TMD-4				
	②	B	3822=31/m ³	B	9,02,983=00
$\frac{8}{21}$	P.V. & riding of typical masonry boundary & kerb				

	bound with logs.				
02 NOS	vide TMD-4				
	③	B	10,109=30/110	B	20,219=00
	Total				13,90,484=00
	Less 1.50% (bulking)				20,857=00
	B				13,69,627=00
	Adding 12% (GST) + B				1,64,355=00
	Adding 1% (L.Cen) + B				13,696=00
	Adding S. fee + B				28,000=00
Net payable amount				B	15,75,678=00
(Rupees) Fifteen lakh, seventy five thousand, six hundred & seventy eight only					

M.M. 10/03/22
Continued
(J.E.)
10-03-22
AG
11.3.22