

MP/6SY-SC

MP.B.NO-3286

Schedule XLV-Form No. 134

DIVISION

SUB-DIVISION

Measurement Book

MP.B.NO-3286

1st on 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:-	Construction of Road				
	from Mampur Tin muhani				
	se via Chananar ke				
	Ghar to Ramchi ke				
	Ghar tak under mmGSY				
	(SC) at block jalalpur.				
N/Agency-	sri Ritesh Ranjan				
Agg. No-	43/SBD/2020-21				
D.O.S	05.08.2020				
D.O.C	04.08.2021				

Date of measurement- 26.12.2020

Items of work-

(1) Plv & fixing of Working Bench-
 - mark pillars = 1.020 Km

(2) clearing & grubbing of
 road land.

$$2 \times 10 \times 30.00 \text{ m} \times 1.00 \text{ m} = 600.00 \text{ m}^2$$

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$$2 \times 10 \times 30.00 \text{ m} \times 1.00 \text{ m} = 600.00 \text{ m}^2$$

$$2 \times 4 \times 30.00 \text{ m} \times 1.00 \text{ m} = 240.00 \text{ m}^2$$

$$\text{Total} = 2040.00 \text{ m}^2$$

$$= 0.204 \text{ Hect.}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Box cutting - Excavation for roadway in soil using manual means.					
For B.T. Portion					
$2 \times 10 \times 30.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} =$					31.50 m^3
$2 \times 10 \times 30.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} =$					31.50 m^3
$2 \times 7 \times 30.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} =$					22.50 m^3
$2 \times 1 \times 10.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} =$					1.05 m^3
For P.C.C. Portion					
$2 \times 5 \times 30.00 \text{ m} \times 0.375 \text{ m} \times 0.10 \text{ m} =$					11.25 m^3
$2 \times 4 \times 30.00 \text{ m} \times 0.375 \text{ m} \times 0.10 \text{ m} =$					2.25 m^3
$2 \times 1 \times 20.00 \text{ m} \times 0.375 \text{ m} \times 0.10 \text{ m} =$					1.50 m^3
Total =					101.10 m^3

(4) Construction of embankment with approved material deposited from roadway cutting					
= 60% qty from excavated material					
= 60% of 101.10m ³					
= 60.66m ³					

(5) Construction of embankment with material obtained from borrow pits with a lead upto 1000m.					
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(6) 2x10x30.00m x 1.250m x 0.150m = 112.50m ³					
2x10x30.00m x 1.250m x 0.150m = 112.50m ³					
2x4x30.00m x 1.250m x 0.150m = 45.00m ³					
Total = 270.00m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Construction of granular sub-base by providing coarse graded material.					
For B.T. portion,					
gn box culvert -					
	2x10	30.00m	0.525m	0.10m	= 31.50m ³
	2x10	30.00m	0.525m	0.10m	= 31.50m ³
	2x7	30.00m	0.525m	0.10m	= 22.05m ³
	2x1	10.00m	0.525m	0.10m	= 1.05m ³
gn full width -					
(7)	10x	30.00m	4.050m	0.10m	= 121.50m ³
	10x	30.00m	4.050m	0.10m	= 121.50m ³
	7x	30.00m	4.050m	0.10m	= 85.05m ³
	1x	10.00m	4.050m	0.10m	= 4.05m ³
for profile correction,					
	6x	4.30m	3.00m	0.10m	= 7.74m ³
	4x	4.50m	2.50m	0.10m	= 4.50m ³
Extra widening at H-curve,					
	2x	2.50m	2.00m	0.10m	= 1.00m ³
	2x	6.00m	0.580m	0.10m	= 0.69m ³
	2x	5.50m	0.600m	0.10m	= 0.66m ³
	2x	6.20m	0.550m	0.10m	= 0.68m ³
	2x	5.80m	0.500m	0.10m	= 0.58m ³
For P.C.C. portion -					
gn box culvert -					
	2x5	30.00m	0.375m	0.10m	= 11.25m ³
	2x1	30.00m	0.375m	0.10m	= 2.25m ³
	2x1	20.00m	0.375m	0.10m	= 1.50m ³
Qty of C/P = 449.05m ³					

Continuation

Continuation

Extra widening at H-curve		
2x2.50m x 2.00m x 0.075m	= 0.75 m ³	
2x6.00m x 0.550m x 0.075m	= 0.52 m ³	
2x5.50m x 0.600m x 0.075m	= 0.49 m ³	
2x6.20m x 0.550m x 0.075m	= 0.51 m ³	
2x5.80m x 0.500m x 0.075m	= 0.43 m ³	
	Total = 233.31 m ³	
	Qty Unit = 232.73 m ³	

⑧ p/r & signing of monkey
typical information sign
board with logo — or NO

⑨

MM	Ticked	item checked
26/12/20	8	initialed.
(J.E)		

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	Wishrs
26/12/2022	
AC	

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost.					
1/7 Plv & lining of working					Mr
1.020 m benchmark pillars = 1.020 km					
MA 2 of 40, vide TMBP - 19/11/11					6075 = 0
2. Cleaning & grubbing					
of road land -					
0.200					
0.204 Heel, vide TMBP - 1					
① Rs 5133 = 76 / Heel - B					10,227 = 0
3/3 Box cutting - Excavation					
for roadway in soil					
Using manual means.					
101.10 m ² , vide TMBP - 2					
① Rs 126 = 24 / m ² - B					12,763 = 0
4. Construction of embank -					
7 m ² - with approved					
material deposited from					
roadway cutting					
60.66 m ³ , vide TMBP - 2					
① Rs 88 = 36 / m ³ - B					5360 = 0
5. Construction of embank -					
5 m ² - with material					
obtained from borrow					
pits with a haul up to					
100 m					
270.00 m ³ , vide TMBP - 2					
① Rs 184 = 30 / m ³ - B					Rs 49,761 = 0
					10, Rs 84,186 = 0

Continuation

Mom
26/12/20
(J.E)