

MMGSY ମିଶନ 102215 - Shambkar Pur to Kuchinwarha
for

General

Schedule XLV-Form No. 134

ଖୁମୁର

DIVISION

ଶୁଭିନ

SUB-DIVISION

M.G.No-1702

19-20

MEASUREMENT BOOK

12/12/18

પ્રમાણિત સિમ્લિફાઇડ ફોર્મ નં. 100 (પ્રાથમ) ૫૦૨
 જે નીચેના અનુસાર ભરવામાં આવેલ છે,
 રજીસ્ટ્રાર ની સહી સાથે

(V)
 Sml

07.03.2020

Executive Engineer
 Rural Works Department
 Works Division Phulparas
 07.03.2020

Sch. XLV-Form No. 134

MM4215 DIVISION
 રજીસ્ટ્રાર SUB-DIVISION

Measurement Book

No. 170
 19.10

(V)
 Sml

07.03.2020

Name of officer Executive Engineer
 Rural Works Department
 Works Division Phulparas
 07.03.2020

Date of first entry

Date of last entry

MMSY (Gen) Construction and Maintenance Road
 and C.D work for construction to Kuchanvada tal
 under

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1st on Afe bill				
1st on Afe bill					
2nd on Afe bill					
3rd on Afe bill					
NW - Construction of road from					
Shankarpur to Kushwaha tole					
NA Agency - Rajesh Kumar Sharma					
Agreement no - 56 SBD/2019-20					
Date of agreement - 7-3-2020					
Stipulated date of completion - 6-12-2020					
Date of entry -					
Details					
(1) Providing and fixing 6% of					
mm ssy Project -					2.0 No.
(2) Clearing and grubbing					
road land.					
Ch-0-815	1	815.0m	3.5m		$2852.5m^2$
					$= 0.29 Hec.$
(3) Setting out Pillars					
					7.0 No.
(4) Construction of embankment					
material obtain from borrow pit					
Est Qty -	10	150m	5.5m	0.45×0.45	

Continuation

$$= 247.50m^3$$

2
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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$10 \times 15.0 \text{ m} \times 5.5 \text{ m} \times \frac{0.45 + 0 + 0.45}{2}$					247.50 m^3
$10 \times 15.0 \text{ m} \times 5.5 \text{ m} \times \frac{0.45 + 0 + 0.45}{2}$					247.50 m^3
$10 \times 15.0 \text{ m} \times 5.5 \text{ m} \times \frac{0.45 + 0 + 0.45}{2}$					247.50 m^3
$10 \times 15.0 \text{ m} \times 5.5 \text{ m} \times \frac{0.45 + 0 + 0.45}{2}$					247.50 m^3
$4 \times 15.0 \text{ m} \times 5.5 \text{ m} \times \frac{0.45 + 0 + 0.45}{2}$					99.0 m^3
$1 \times 5.0 \text{ m} \times 5.5 \text{ m} \times \frac{0.45 + 0 + 0.45}{2}$					8.25 m^3
					1344.75 m^3

① for lead 1000 m

20% of $1344.75 \text{ m}^3 = 268.95 \text{ m}^3$

(ii) for lead 100 m

80% of $1344.75 \text{ m}^3 = 1075.80 \text{ m}^3$

② Earthwork excavated

$2 \times 2 \times 3.90 \times 1.15 \times 1.5 = 26.91 \text{ m}^3$

$2 \times 1 \times 5.35 \times 1.13 \times 0.365 = 4.41 \text{ m}^3$

31.32 m^3

③ P.C.C. in levelling course

$2 \times 2 \times 3.90 \times 1.15 \times 0.15 = 2.691 \text{ m}^3$

$2 \times 1 \times 5.311 \text{ m} \times 1.13 \times 0.15 = 3.000 \text{ m}^3$

5.691 m^3

④ P.C.C. in sub-structure

$2 \times 2 \times 3.6 \times \frac{1.0 + 0.4}{2} \times 2.78 = 28.02 \text{ m}^3$

$2 \times 2 \times 3.6 \times 0.4 \times 0.6 = 3.46 \text{ m}^3$

31.48 m^3

less $2 \times 2 \times 0.785 \times 0.83^2 \times 0.5 = 1.15 \text{ m}^3$

30.33 m^3

⑤ Hume P1/2 MP3 600 mm dia

Continuation
 $2 \times 3 \times 2.5 = 15.0 \text{ m}$

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Particulars	Details of measurement				Contents of area
	No.	L.	B.	D.	
(9) GSP 9m ² in BT position					
		10x15-0x3.05x0.2			= 121.50 m ³
		10x15-0x4.05x0.2			= 121.50 m ³
		10x15-0x4.05x0.2			= 121.50 m ³
		10x15-0x4.05x0.2			= 121.50 m ³
		10x15-0x4.05x0.2			= 121.50 m ³
		4x15-0x4.05x0.2			= 48.60 m ³
		1x15-0x4.05x0.2			= 4.05 m ³
					660.15 m ³

Abstract of work			
D. Providing and fixing Logo Board.			
2.00 No side P-1 Gun 1			
CR 10318.30/each	B 20,637.00.		
(2) clearing and grubbing			
0.29 Hec side P-1 Gun 2			
CR 44739.47/Hec	B 14,424.00.		
(3) Setting out Pillar.			
7.00 No side P-1 Gun 3			
CR 2517.86/each	B 17,625.00.		
(4) Construction of embankment			
① bed 1000 m			
268.95 m ³ side P-2 Gun 4			
CR 187.51/m ³	B 50,431.00.		
(ii) bed 100 m			
107.80 m ³ side P-2 Gun 4			
CR 142.67/m ³	B 1,53,484.00		
B 2,56,609.00			

