

KMG57 - To 3 to Nadiawan-1020 Km

Schedule XLV-Form No. 134

Ag. No - 49 S.B.D :- 2020 - 2021

Shergah

DIVISION

Gurua

SUB-DIVISION

Ramjatar yadar

MEASUREMENT BOOK

1236

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:-					
Situation of Work:-					
Agency by which work is executed:-					
Date of Measurement:-					
No. and date of agreement					

Name of Work:- Construction of
road from T03 to Naliguan
under Road No. 454

Agency:- R.M. Jatan Yadav.

Agreement No - 49/SBD/2020-21

Date of Agreement - 30.6.2020

Date of Completion - 29.6.2021

Date of measurement - 15/12/20

1) clearing and grubbing road bed.

$34 \times 30.00 \times 7.00 = 7140.00 \text{ m}^3$

= 0.71 Hec.

2) Selffont

i) Cost of B.M. - 1.02 km.

ii) Construction of self pit. - 1.02 km.

3) Construction of embankment.

(4.5) taken for borrow pit.

change.	1/5 Area	Mean 1/5 Area	Depth	Emb. ty.
0	3.10			
100	3.00	3.05	100.00	305.00
200	1.60	2.30	100.00	230.00
300	2.62	2.11	100.00	211.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N.P. Culvert					
Face wall - $2 \times 2 \times 6.30 \times 1.40 \times 1.50 =$					52.92 m ³
Abutment - $2 \times 5.90 \times 1.50 \times 0.30 =$					5.31 m ³
L.C. Culvert					
Abutment - $2 \times 7.60 \times 2.30 \times 1.60 =$					55.94 m ³
R/Wall - $4 \times 1.60 \times 2.09 \times 1.60 =$					21.40 m ³
					135.57 m ³
<u>2) Provision of C.C. 7/15 in foundation</u>					
Face wall - $2 \times 2 \times 6.30 \times 1.40 \times 0.15 =$					5.29 m ³
Abutment - $2 \times 7.60 \times 2.30 \times 0.20 =$					6.99 m ³
R/Wall - $4 \times 1.60 \times 2.09 \times 0.20 =$					2.68 m ³
					14.96 m ³
<u>3) Provision of C.C. 7/20 in foundation</u>					
Face wall - $2 \times 2 \times 6.10 \times \frac{1.25 + 1.80}{2} \times 1.35 =$					33.21 m ³
Abutment - $2 \times 5.90 \times 1.50 \times 0.25 =$					4.43 m ³
L.C. Culvert Abutment - $2 \times 7.40 + 6.20 \times \frac{2.10 + 1.50}{2} \times 1.40 =$					34.27 m ³
R/Wall - $4 \times 1.60 \times 1.90 + 1.99 \times 1.40 =$					14.29 m ³
					86.20 m ³
<i>[Signature]</i>					
2/1/21					
per					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B. 6 = 13		1816293...
(13) Proviat f.c.c. 420 - f.c.c.					
m.b. f.c.c. 408		96.30 m ³			
		63.4686	72/m ³		403995...
(14) Proviat f.c.c. 420 - f.c.c.					
m.b. f.c.c. 505		58.55 m ³			
m.b. f.c.c. 708		0.53 m ³			
		59.08 m ³			
C.C.	5113.50/m ³			6	30211...

(15) Proviat f.c.c. 420 - f.c.c.					
m.b. f.c.c. 605		2.83 m ³			
m.b. f.c.c. 708		0.98 m ³			
		3.81 m ³			
C.C.	5377	63/m ³		6	20489...
(16) Proviat f.c.c. 425 - f.c.c.					
m.b. f.c.c. 708		3.74 m ³			
C.C.	6131.49/m ³			6	22932...
(17) Proviat f.c.c. 425 - f.c.c.					
m.b. f.c.c. 605		0.258 m ³			
m.b. f.c.c. 708		0.365 m ³			
		0.623 m ³			
C.C.	51243.07/m ³			6	22078...

Continuation

6. 2327998.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
400	0.20	1.41	100.00		141.00
500	0.44	0.32	100.00		32.00
600	0.14	0.45	100.00		45.00
700	0.10	0.12	100.00		12.00
800	0.40	0.25	100.00		25.00
900	3.20	1.80	100.00		180.00
1000	3.30	3.25	100.00		325.00
1017.0	3.10	3.20	17.00		54.40
					1560.40 m ²

① Land up to 1000 m 20% +
 $1560.40 \text{ m}^2 = 468.12 \text{ m}^2$

② Land up to 1000 m - $= 1092.28 \text{ m}^2$

~~1511.21 20%~~

Net frontage: 25/12/2020

3) Construction at sub grade and
 earth shoulder.

S.T. portion

10 x 30.00 x 7.98 m x 30%	718.20 m ³
1 x 8.00 x 7.98 x 20 30%	19.15 m ³
7 x 30.00 x 7.98 x 20 30%	502.27 m ³
1 x 4.00 x 7.98 x 30%	9.58 m ³
	1249.20 m ³

~~25/12/20~~
 G.E.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Date of measurement -			2/1/21		
(28) Dimensions of existing structure					
(i) Cement Concrete					
1x 2x 5.0 x 1.5 =				1.50 m ³	
2x 3.50 x 1.54 x 1.5 =				1.61 m ³	
				3.11 m ³	
(ii) R.C.C.					
1x 2.00 x 5.0 x 302				3.00 m ³	
(29) Dimensions of existing structure					
(1) Brick masonry.					
2x 2x 6.20 x 0.25 x 3.00 =				61.38 m ³	
1x 8x 5.0 x 0.25 x 3.00 =				24.75 m ³	
				86.13 m ³	
(30) Removal of line pipe					
6m to 9m and					
2x 2x 2.50 =				10.00 m	
(31) Laying R.C.C. HP pipe (buried conduits) on ground					
5x 4x 2.50 =				50.00 m	
(32) Earth work in excavation					
for					
2.00 x 1.75 (cut) and 1.00 x 1.00 (fill)					
R.C.C. Cement					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Soil for cut					
(i) for cut 12m					
max base 10.5		1.02			
cut 5226.74 / m				5	5331.00
(ii) for cut 12m					
max base 10.5		1.02			
cut 3817.05 / m				15	3893.00
2) clearing and grubbing					
land					
max base 10.5		0.71			
cut 1161.75 / Hare A					36325.00
3) Construction of embankment					
rate for borrow pit 10 / m					
max base 20.5		468.12			
cut 175.22 / m				6	82024.00
4) construction of embankment					
land 10m					
max base 20.5		1092.28			
cut 139.79 / m				15	152690.00
5) construction of sub grade					
2 earth shant etc					
max base 20.5		1249.20			
cut 183.51 / m				15	229241.00
6) construction of G.S.B. 9x1					
max base 8		397.04			
max base 9		211.41			
		608.45			
cut 1883.26 / m				15	1146113.00

Continuation

1655617.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Gate frame			15/11/21		
(1/39) Provision of 2-c-c-o-1720 + 526					526 m ²
Frame (120)					
2 x 2 x 6.10 x 0.67 x 4.5 x 1.80 =					23.11 m ³
Dampers 2 x 2 x 6.10 x 4.5 x 60 =					5.76 m ³
Abutment 2 x 6.10 x 1.30 x 7.5 x 1.80 =					21.60 m ³
R. 1/101 - 4 x 2.30 x 1.67 x 1.10 x 4 x 1.80 =					10.80 m ³
					61.27 m ³
Provision for the pipe					
2 x 2 x $\frac{5}{4} (1.70)^2 \times 60 =$					2.72 m ³
Net 8.4 =					58.55 m ³
(2/45) Provision of 2-c-c-o-2103 for the					
2 x 3 x 2.5 = 15.00 m					
(3/48) Fill for foundation trench					
2 x 2 x 6.10 x 0.40 =					9.60 m ³
2 x 6.30 x 1.50 x 90 =					17.01 m ³
					26.61 m ³
Provision for the pipe					
2 x 6.30 x 0.91 =					11.47 m ³
					15.14 m ³
15/11/21					
Dr					

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
			D.F = A.		165567.~
7) Porting and flagging					
700 pgs 9.25 - 240.					
cs. 7508.06 / m			A.		19012.~
8) Discontinuity of existing					
same					
700 pgs 3					
i) p.c.c. -		3.11 m ³			
cs. 480.21 / m ³			S.		1493.~
ii) R.C.C. -		3.00 m ³			
cs. 1166.10 / m ³			A.		3498.~
9) Discontinuity of floor covering					
700 pgs 3 of 82.13 m ³					
cs. 345.55 / m ³			A.		29762.~
10) Demolition of structure					
Culvert					
700 pgs 3 of 10.00 m					
cs. 236.34 / m			A.		2363.~
11) Earth work in excavation					
700 pgs 4 of 135.57 m ³					
cs. 294.73 / m ³			S.		39957.~
12) Provision of P.C.C. 1:1:5					
finishing					
700 pgs 4 of 14.96 m ³					
cs. 4451.28 / m ³			A.		66591.~
					Rs. 1918293.~

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B.	
			B. f. a.	832798.-
(18/43) B. f. a. 14 - Ad. int.				
ma. f. a. 8	15	35.38 m ²		
C. 765.251 m ²				8. 27075.-
(19/44) B. f. a. 14 - Ad. int.				
ma. f. a. 8	15	30.00 m ²		
C. 119.41/a				9. 3583.-
(20/45) B. f. a. 14 - Ad. int.				
ma. f. a. 8	15	15.00 m ²		
C. 3958.22/m				1. 58931.-
(21/46) B. f. a. 14 - Ad. int.				
ma. f. a. 3	15	50.00 m ²		
C. 786.45/m				1. 39322.-
(22/48) B. f. a. 14 - Ad. int.				
ma. f. a. 508		15.14 m ²		
C. A. 492.48/m ²				1. 7456.-
				1. 2464365.-
Add 124.5.7				1. 295724.-
Add 1 v. 13.7.2				1. 24644.-
Add 56.9.10.2				1. 10895.-
				1. 2825628.-
less 0.1% of 2825628				1. 283.-
				1. 2825345.-

11/2/21

52

Continuation

