

70-81301 2019-20. (MM 4134-5C)

RED Road to Bakurkol

Schedule XLV Form No. 134.

Boussi
DIVISION

Dagmar
SUB-DIVISION

Measurement Book -1422

AHMAD ASHRAF

This is to certify that this MB
contains 100 computerized printed
page that has been issued to Asst.
Eng. RWSWS Subdivision, Daganwa
for the work RCD Road to Bakura local.

Tab
10/03/21

10.03.21
Executive Engineer
Rural Works Department
Works Division, Baist
10/03/21

Sch. XLV - Form No. 134

Baist DIVISION

Daganwa SUB-DIVISION

Measurement Book

No. 1422

Name of Officer _____

Date of first entry _____

Date of last entry _____

1st & MC 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.	
Name of work					
R.E.O. Road to Bakwa Kal					
under M.M. 187					
Block - Dagarua.					
Agreement No. 70 SBD/2019-20					
Agreement date - 22-09-2020					
Date of completion according to agreement - 21-06-2021					

contractor - Ahmad Ashraf

0.03% Below.

Date of measurement.

07-06-2023

① Bench mark pillars 01 Nos

② Reference pillar - 04 Nos.

③ clearing & grubbing

Road land - - - -

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 X 22 M ² X 3.50 = 154.00					
			or,	0.46 Ha.	
④ Construction of Subgrade & earthen shoulder - - - -					
④ for New construction (B.T. Road)					
2 X 12 X 30.00 X 7.276 m ³ X 0.30 = 785.81 m ³					
⑤ Box cutting - - - -					
be side of B.T. for provision					

of Rigid Road					
2 X 10 X 30.00 X 0.375 X 0.100 = 22.50 m ³					
⑥ C&G material					
P.V. 2 laying - - - -					
Profile correction					
416 X 3.50 X 1.200 X 0.100 = 1.68 m ³					
2 X 7.00 X 2.000 X 0.100 = 3.08 m ³					
17 X 2.50 X 0.900 X 0.100 = 3.82 m ³					
8 X 2.00 X 1.300 X 0.100 = 2.08 m ³					
					10.66 m ³
C&G for widening					
8 m ³ = 22.50 m ³					
Total 9 m ³ = 33.16 m ³					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of measurement:					
22-06-2023					
① W.B.M. material P.V.					
laying & spreading					
at curve					
2 X 30.00 X		$\frac{4.20 + 5.30 + 4.30}{3}$		X 0.200	
					= 55.20 m ²
					243.00
10 X 30.00 X 4.050 X 0.200					= 243.00 m ³
					<u>243.00</u>

Total Qty = 243.20
~~243.00~~

~~22-06-2023~~

Date of measurement:

26-07-2023

① P.V. 2 laying, spreading

W.B.M. material

B.T. portion

$$2 \times 30.00 \times \frac{4.20 + 5.30 + 4.30}{3} \times 0.075 = 20.70 \text{ m}^3$$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10X 30.00 X 3.75 X 0.075					$84.375 m^3$ 101.25 73
at p.c.c. portion					
at curb					
30.00 X		3.90+4.50+4.00			$9.30 m^3$
		3			
9 X 30.00 X 3.75 X 0.075					$75.93 m^3$
					Total qty = $207.18 m^3$
					$190.30 m^3$
					73
					Limit qty = $189.34 m^3$

② comp of Subgrade & earthen shoulder

Shoulder

B.T. Portray

$$2 \times 12.168 \times 30.00 \times 1.388 \times 0.200 = 199.87 m^3$$

$$2 \times 12.168 \times 30.00 \times 1.182 \times 0.075 = 63.80 m^3$$

C.C. Portray

$$2 \times 10.168 \times 30.00 \times 0.375 \times 0.175 = 39.38 m^3$$

$$qty = 303.05 m^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) <u>ceiling of embankment.</u>					
change	opt. (17)	Fill Area (17)	Mean Area (17)		Qty (17)
0.00	0.0	0.068	0.00	=	0.00
50.00	50.00	0.282	0.175	=	8.750
100.00	50.00	1.71	0.996	=	49.800
150.00	50.00	0.267	1.239	=	61.925
200.00	50.00	0.662	0.715	=	36.725
250.00	50.00	1.222	0.942	=	47.100
300.00	50.00	1.005	1.114	=	55.675
350.00	50.00	1.905	1.455	=	72.750

400.00	50.00	1.416	1.661	=	33.025
450.00	50.00	1.948	1.682	=	84.100
500.00	50.00	0.697	1.523	=	66.125
550.00	50.00	1.038	0.868	=	43.400
600.00	50.00	1.448	1.244	=	62.175
650.00	50.00	1.855	1.652	=	82.575
660.00	10.00	1.538	1.697	=	16.965
					Qty = 770.070

for room level - $770.070 \times 50\%$
 $= 385.04m^3$

for room level - $770.070 \times 50\%$
 $= 385.04m^3$

Continuation in
 26.07.23
 26.07.23
 45

ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date: 26-07-2023					
① Bench mark pillar					
sty wide 77.73 & page 1					
sty = 1 Nos.					
@ Rs 4737.73/each					Rs 4738.00
② Reference pillar					
sty wide 77.73 & page ①					
sty = 4 Nos.					
@ Rs 2165.80/each					Rs 4332.00

③ clearing & grubbing					
road land					
sty wide 77.73 & page 2					
sty = 0.46 Ha.					
@ Rs 50148.62/Ha					Rs 23068.00
④ box cutting					
sty wide 77.73 & page 2					
sty = 22.50 m ²					
@ Rs 77.70/m ²					Rs 1748.00
⑤ comp. of embankment					
work done					
sty wide 77.73 & page 3					
sty = 335.04 m ³					
@ Rs 111.25/m ³					Rs 42836.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) $\frac{6}{5}$ comp of embment					
Level - 1000 m - - -					
Qty m ³ of B-2 fgr - 1					
Qty = 385.04 m ³					
@ Rs 155.23/m ³					Rs 87820.00
(7) $\frac{7}{5}$ comp of subgrade & earth					
Shoulder - - - -					
Qty m ³ of B-2 fgr 224					
Qty = 785.80 m ³					
Qty = 303.05 m ³					
Qty = 1088.85 m ³					

@ Rs 157.47/m³ ————— Rs 171463.00

(8) $\frac{8}{7}$ comp. of CRB m ²					
Qty m ³ of CRB & fgr - 2.3					
Qty = 33.16 m ³					
Qty = 298.20 m ³					
Total Qty = 331.36 m ³					
Unit Qty = 329.38 m ³					
@ Rs 2818.30/m ³					Rs 928292.00

(9) WBM m³ - 3 PW, laying
spreading & compacting

Continuation

Continuation