

S.B.D / 2017-18 / 23/2/18

Karnar Jala TO musculomere efflu

M.M.O.T.S.Y (S.C)

Schedule XLV-Form No. 134

Executive Engineer
R.W.D. Works Division
Bairi (Purnea)

_____ DIVISION

3rd Div _____ SUB-DIVISION

Measurement Book

592

Aalya Trades

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W	Kamur tola to musliman				
	tola - Under (MM-HSY-SC)				
Agency	Dalva Traders				
As. No -	5358D/2017.18.				
D.O.A -	23-02-2018.				
D.O.C -	22-02-2019.				
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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	(Item 4P-26)				
0.05 KM	@ RS = 1054.98/KM				55 = 00
(5) Mains of 20 CM & KH Stone					
	(Item 5P-27)				
0.06 KM	@ RS = 572.66/KM				36 = 00
(6) Cuthing of branches of trees & Shrubs					
	(Item 6P-28)				
1.00 NOS	@ RS = 102.49/each				102 = 00
(7) Cuthing of Shrubs from Roadway					
	(Item 7P-29)				
1.00 NOS	@ RS = 25 = 00				

RS = 14970 = 00

Below 10-1 RS = 1497 = 00

RS = 13473 = 00

1
06/1
28/02/2020
JE

Material Statement

Cuthing ————— 18.98 MT.

RS 1 ————— 0.008 MT.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W- Kanyar Jala to Musalmun Jala.					
As per Daily work order.					
N.S. NO - 538 BT/2017-18.					
D.O.A - 23-03-2018.					
D.O.C - 22-01-2019					
<u>Record entry</u>					
(1) Restoration of Reinlets					
Berms with Soil Mound.					
	2	20.00	0.900	0.300	= 10.80 M ³
	2	15.00	0.750	0.300	= 5.55 M ³
					= 22.65 M ³ .
(2) Making up of Berms/Shoulder					
Stripping excess soil.					
	2	30.00	1.10		= 66.00 M ²
	2	20.00	0.900		= 54.00 M ²
	2	30.00	0.950		= 57.00 M ²
					= 177.00 M ²
(3) Periodical renewal to existing					
bituminous surface and coat.					
	2	5.80	1.50		= 17.40 M ²
(4) Maint. of Road Signs.					
					= 0.06/km,
(5) Maint. of 200 M & KM					
		Stone			= 0.08/km

Continuation

[illegible]

3rd Years Maintenance

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W- Kankar fola to Mushkhan fola.					
Agency- AALYA - Traders.					
D.O. A. No - 53 SBA / 2017-18.					
D.O. A - 23-02-2018					
D.O. C - 22-02-2019.					

Record Entry.

① Restoration of Ruins

Bornes with solid masonry.

$$2 \times 15.00 \times 0.90 \times 0.300 = 8.10 M^3$$

$$2 \times 30.00 \times 1.00 \times 0.300 = 18.00 M^3$$

$$= 26.10 M^3$$

② Making up of Borne /

Shoulder stripping excess soil.

$$2 \times 30.00 \times 1.00 = 60.00 M^2$$

$$2 \times 30.00 \times 1.200 = 72.00 M^2$$

$$2 \times 20.00 \times 1.200 = 48.00 M^2$$

$$2 \times 15.00 \times 0.850 = 25.50 M^2$$

$$= 205.50 M^2$$

③ Repair of Potholes filled

with 75 MM WBM.

$$2 \times 15.00 \times 2.00 \times 0.075 = 6.30 M^3$$

$$2 \times 30.00 \times 3.20 \times 0.075 = 14.40 M^3$$

$$2 \times 15.00 \times 2.50 \times 0.075 = 5.62 M^3$$

$$= 26.32 M^3$$

Continuation

$$2 \times 7.00 \times 1.88 = 26.32 M^2$$

[illegible]

C/W. ————— 26.58 MB

~~Bilumen — 0.05 H.V.~~

4th Year Maintenance

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w - Kamar to Dato Musa Man					
to Jan.					
Agency - Alaya Pruders.					
Ag. No. 53507/2017-18.					
S.O. A - 23-02-2018.					
S.O. C - 22-02-2019					

Record entry.

- ① Restoration of Ruins
Bermes with soil 1400 m²

$$2 \times 30.00 \times 1.10 \times 0.300 = 19.80 \text{ m}^3$$

$$2 \times 30.00 \times 0.25 \times 0.300 = 10.20 \text{ m}^3$$

$$= 30.00 \text{ m}^3$$

- ② Making up of Bermes/Shoulder
Stripping excess soil.

$$2 \times 30.00 \times 1.25 = 75.00 \text{ m}^2$$

$$2 \times 30.00 \times 1.00 = 60.00 \text{ m}^2$$

$$2 \times 20.00 \times 0.900 = 36.00 \text{ m}^2$$

$$2 \times 30.00 \times 1.05 = 63.00 \text{ m}^2$$

$$= 234.00 \text{ m}^2$$

- ③ Repair of Pot holes filled
with 75 MM W.B.M.

$$2 \times 30.00 \times 3.00 \times 0.075 = 13.50 \text{ m}^3$$

$$2 \times 28.00 \times 2.80 \times 0.075 = 12.60 \text{ m}^3$$

$$2 \times 25.00 \times 2.40 \times 0.075 = 9.00 \text{ m}^3$$

$$= 35.10 \text{ m}^3$$

$$2 \times 9.00 \times 1.95 = 35.10 \text{ m}^2$$

Continuation

4th Years

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
(1) Restoration of Ruin cuts					
(1/4 km 1P-39)					
20.00 M ² @ RS = 348.47/M ²					= 10454 = 00
(2) Making up of Borms/Shoulder					
(1/4 km 2P-39)					
234.00 M ² @ RS = 51.58/M ²					= 12070 = 00
(3) Repair of pot holes 25 MM					
4 BM 6m - 1/4					
(1/4 km 3P-39)					
35.10 M ² @ RS = 374.04/M ²					= 13129 = 00
(4) Prismatic renewal Bituminous					
Surface Seal Coat					
(1/4 km 4P-40)					
35.10 M ² @ RS = 80.78/M ²					= 2835 = 00
(5) Bituminous Surface Seal Coat					
(1/4 km 5P-40)					
35.10 M ² @ RS = 70.07/M ²					= 2459 = 00
(6) Maint. of Road Signs					
(1/4 km 6P-40)					
0.081 KM @ RS = 1054.98/KM					= 88 = 00
(7) Making of 200 M 8 KM					
Stone					
(1/4 km 7P-40)					
0.091 KM @ RS = 572.66/KM					= 54 = 00
(8) Cutting of branches					
of trees & Shrubs					
(1/4 km 8P-40)					
1.00 NOS @ RS = 102.49/each					= 102 = 00
Continuation					RS = 41186 = 00

Sch. XLV-Form No. 134

Sch. XLV-Form NO. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
⑨	Cutting of Shurbs				
	from Roadway.				
	(Item 9P - 40)				
Y.M NO	@RS = 6.29/each = 25.00				
				RS = 412111 = 00	
	Below - 10.1..			RS 4121 = 00	
				RS = 37090 = 00	
					0.123 MT. 20/01/23 DE

Continuation

5th Years Maintenance

44

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w. Kameer tola to Mural Man tola.					
Agency - Aditya Lodges.					
Ag. No - 53 SBD/2017-18.					
D.O.A - 23-02-2018.					
D.O.C - 22-02-2019.					
Date of actual completion - 20/01/19					

Record Entry:

① Restoration of Runnels

Bennis with soil medium.

$$1 \times 30.00 \times 1.00 \times 0.30 = 9.90 M^3$$

$$2 \times 30.00 \times 1.00 \times 0.30 = 18.00 M^3$$

$$2 \times 12.00 \times 0.90 \times 0.30 = 6.48 M^3$$

$$= 34.38 M^3$$

$$\text{Limit quantity} = 34.17 M^3$$

② Making up of Bennis Shoulder

Stripping excess soil.

$$2 \times 30.00 \times 1.05 = 63.00 M^2$$

$$3 \times 25.00 \times 1.00 = 75.00 M^2$$

$$3 \times 30.00 \times 0.900 = 81.00 M^2$$

$$2 \times 25.00 \times 0.900 = 45.00 M^2$$

$$= 264.00 M^2$$

③ Repair of pot holes filled

with 75MM L.B.M.

$$4 \times 30.00 \times 3.00 \times 0.075 = 27.90 M^3$$

$$3 \times 25.00 \times 2.80 \times 0.075 = 15.75 M^3$$

Continuation

$$= 43.65 M^3$$

$$2 \times 10.50 \times 2.00 = 42.68 M^2$$

$$\text{Limit quantity} = 43.65 M^2$$

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Cutting of Shrub					
from Roadway					
(16m x 9p - 40)					
Y.M NO	①	RS = 6.29/20m =			25.00
				RS =	412111 = 00
		Below - 10.1...		RS	4121200
				RS =	37090 = 00
					0.123 MT.
					20/01/23
					DB

Memorial Statement

E/W ——— 30.88 MB

Stone ——— 0.025 MB

Bitumen ——— 0.123 MT.

AD 1 ——— 0.066 MT.

5th Years Maintenance

44

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w - Karmar fola to Musal Man fola.					
Agency - Adalya faders.					
As. No - 53 SBD/2017-18.					
D.O.A - 23-02-2018.					
D.O.C - 22-02-2019.					
Date of actual completion - 20/01/19					

Record Entry.

① Restoration of Ruin cuts

Berms with soil mowum.

$$1 \times 30.00 \times 1.00 \times 0.20 = 9.90 M^3$$

$$2 \times 30.00 \times 1.00 \times 0.20 = 18.00 M^3$$

$$2 \times 12.00 \times 0.90 \times 0.30 = 6.48 M^3$$

$$= 34.38 M^3$$

$$\text{Limit quantity} = 34.17 M^3$$

② Making up of Berms shoulder

Stripping excess soil.

$$2 \times 30.00 \times 1.05 = 63.00 M^2$$

$$3 \times 25.00 \times 1.00 = 75.00 M^2$$

$$3 \times 30.00 \times 0.90 = 81.00 M^2$$

$$2 \times 25.00 \times 0.90 = 45.00 M^2$$

$$= 264.00 M^2$$

③ Repair of pot holes filled

with 25mm W.B.M.

$$4 \times 30.00 \times 8.10 \times 0.075 = 27.90 M^3$$

$$3 \times 25.00 \times 2.80 \times 0.075 = 15.75 M^3$$

Continuation

$$2 \times 10.50 \times 2.00 = 43.68 M^2$$

$$\text{Limit quantity} = 43.68 M^2$$

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
① Restoration of Raincut					
(Item 1P-44)					
34.17 M ³ @ RS: 348.47/M ³					= 11907.00
② Making up of Berms/Shoulder					
(Item 2P-44)					
264.00 M ² @ RS: 51.58/M ²					= 13617.00
③ Repair of potholes 35MM WBM					
(Item 3P-44)					
43.65 M ³ @ RS: 374.04/M ³					= 16327.00
④ Bituminous Surface Single coat					
(Item 4P-45)					
43.65 M ² @ RS: 80.28/M ²					= 3526.00
⑤ Bituminous Surface Double coat					
(Item 5P-45)					
43.65 M ² @ RS: 70.67/M ²					= 3059.00
⑥ Maint. of Road 38mm.					
(Item 6P-45)					
0.08 KM @ RS: 1054.98/KM					= 83.00
⑦ Maint. of 200MM 1KM Stone					
(Item 7P-45)					
0.13 KM @ RS: 572.66/KM					= 72.00
⑧ Cutting of branches of tree					
(Item 8P-45)					
1.00 NOS @ RS: 102.49/each					= 102.00
⑨ Cutting of Stumps from Boundary					
(Item 9P-45)					
4.00 NOS @ RS: 6.29/each					= 25.00
					RS: 48718.00

Continuation

