

ठकराहा हाडलूख नै भवानी डेलमा

Schedule XLV-Form No. 134

448

Gen

M.M.G.S.Y.

BAGAWA-2

Gen
DIVISION

A/C

THAKRAHA

SUB-DIVISION

ADOC - 01.06.92

Measurement Book

Ravi Ks. Tiwari

1st year maint. Bill

56 (MMSY, Gen/2020-21)

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

- ⇒ Name/Work - Const. of Road from
" Thakurda High school to Thakur
Bhawani Tola" MMSY, Gen/2020-
2021
- ⇒ Agency - Ravi Kumar Tiwari
(West Champaran)
- ⇒ Agreement No - 02 SBD/2021-22
- ⇒ Date / Start - 09-08-2021
- ⇒ Actual Date / completion - 1-06-2022
- ⇒ maint. period:-
(02-06-2022 to 01-06-2023)

Record Entry

①/ (15.1) - Restoration of
Ravin cuts/Burns with
Soil, mooring - do - do

$$2 \times (1696.00 \text{ m} \times 6\% \times 1.25) \times 1.125 \text{ m} \times 0.30 = 85.86 \text{ m}^3$$

②/ (15.2) - Making up of Soil

Burns/shoulders, stripping
Excess soil from the shoulder
do - do - all cut

$$2 \times (3070.00 \text{ m} \times 10\% \times 1.25) \times 1.125 = 863.44 \text{ m}^3$$

③. (15.3) (iii) - patch repair

over bituminous surface
with 20 mm th PMC and s/coat
T-15 - do - do - all cut

$$1 \times (1696.00 \text{ m} \times 0.5\% \times 1.25) \times 3.75 = 39.75 \text{ m}^3$$

④ (15.7) - I. maint. of CD works

H.P. Culvert - do -
do - all cut

$$Qty = 1 \times 3 \text{ No} = 3 \text{ No}$$

II. maint. of CD works

Slab Culvert - do -

$$Qty = 1 \times 3 \text{ No} = 3 \text{ No}$$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

5/ (15.9) - maint. of Road sign -

$$874 = 3.910 \text{ km} \times 0.50 = 1.96 \text{ km}$$

6/ (15.11) - maint. of 200m & km

stones - do - do - all 45.

$$1 \times 3.910 \text{ km} \times 100\% = 3.91 \text{ km}$$

7/ (15.14) - I. cutting of branches

of tree & shrubs - do

$$874 = 1 \times 4 \text{ nos} = 4 \text{ nos.}$$

II. cutting of shrubs

from the Road way - do

$$874 = 1 \times 17 \text{ nos.} = 17 \text{ nos.}$$

III. Trimming of grass

and weeds from the R/way

do - do - all 45.

$$874 = 2 \times (1696.0 \text{ m} \times 50\%)$$

$$\times 1.125 \text{ m} = 1908.0 \text{ m}^2$$

8/ (15.13) White washing of

parabel wall of CD works

(i) H.P. culverts:-

$$\text{on top} - 2 \times 6.150 \text{ m} \times 0.40 = 4.92 \text{ m}^2$$

$$\text{Side} - 2 \times 6.150 \text{ m} \times 0.60 = 7.38$$

$$\text{End} - 4 \times 0.60 \times 0.40 = 0.96$$

$$= 13.26 \text{ m}^2$$

$$\text{Outer} - 2 \times 6.15 \text{ m} \times 1.83 \text{ m} = 22.509 \text{ m}^2$$

(ii) slab cut: culvert:-

$$\times 3 \text{ Nos}$$

$$= 39.78$$

$$\text{on top} - 2 \times 6.15 \text{ m} \times 0.40 = 4.92 \text{ m}^2$$

$$\text{Side} - 2 \times 6.15 \text{ m} \times 0.60 = 7.38$$

$$\text{End} - 4 \times 0.60 \times 0.40 = 0.96$$

$$\text{Outer} - 2 \times 6.15 \text{ m} \times 1.60 \text{ m} = 19.68 \text{ m}^2$$

$$T = 67.93$$

$$T = 71.46 \text{ m}^2$$

Continuation

Limited to 63.0 m

Abstract of Cost
58 (1st year maint.)

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

⇒ Name/Work- Const of Road Km

" Thakurahi High School to

Shawari Dola" mmmsy, Gen

⇒ Name of Agency — (2020-21)

Ravi Kumar Tiwari

⇒ maint. period —

(02-06-2022 to 01-06-2023)

1/(15.1) - Restoration of Road

Cuts/berms with soil moun

do do all cut

Qty wide P(56)/TMD = 85.86 m³

@ Rs 407.70/m³ = Rs 35005=

2/(15.2) - Making up of soil

berms/shoulder, stripping

Excess soil from the above

Shoulders do do all cut

Qty wide P(56)/TMD = 863.44 m²

@ Rs 60.79/m² = Rs 52488=

3/(15.3) - III Patch Repairs over

Bituminous surf. with 20mm

th. pmc and 5 coat T-15 do

Qty wide P(56)/TMD = 39.75 m²

@ Rs 320.65/m² = Rs 12746=

4/(15.4) - I. Maint. of CD works

H.P. Culvert.

Qty wide P(56)/TMD = 3 m²

@ Rs 1182.79/each = Rs 3548=

II. Maint./CD works sub cut.

Qty wide P(56)/TMD = 3 m²

@ Rs 2426.45/each = Rs 7279=

Total = Rs 11,066=

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12-f Amount				= Rs	111066 =
5/(15.9) - maint. of Road Sign - do -					
sty wide P(57) / TMB = 1.96 km					
@ Rs 1117.64 / km				= Rs	2191 =
6/(15.11) - maint. of 200m and km stone					
sty wide P(57) / TMB = 3.91 km					
@ Rs 733.23 / km				= Rs	2867 =
7/(15.12) - I. Cutting of branches of					
Tree and Shrubs from the R/way					
sty wide P(57) / TMB = 4 Nos					
@ Rs 115.92 / each				= Rs	464 =
II - Cutting of shrubs from the					
Road way - do - do -					
sty wide P(57) / TMB = 17 Nos					
@ Rs 7.10 / each				= Rs	121 =
III - Trimming of Grass and					
Weeds - do - do - all job.					
sty wide P(57) / TMB = 1908. m ²					
@ Rs 2.37 / m ²				= Rs	4522 =
8/(15.13) - White Washing of parapet					
walls of CD works - do -					
sty wide P(57) / TMB = 67.93 m ²					
= 63.0 m ²					
@ Rs 17.53 / m ²				= Rs	1104 =
				T = Rs	122335 =
Materials statement with cost)					
1. E/W =					
= 193.91 m ³					
2. Coarse Sand =					
0.24 m ³					
3. Stone chips =					
1.10 m ³					
4. Bitumen Emul					
(RS-1) = 0.0110 MT					
5. Bitumen					
45-10, (S-90) = 0.0851 MT					
Continuation					
Continued					

Net payable Amount value = Rs 1,38,003 =

~~Hand~~
02/98/25
4.6

Continuation

2nd year Maint Bill

(MMSY, Gen/2020-021)

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

⇒ Name/Work - Const. of Road from
"Thakuraha High school to Bhawan
Tola" (MMSY, Gen/2020-021)

⇒ Agency - Ravi Kumar Tilwari
(West Champaran)

⇒ Agreement No - 02 SBD/2021-022

⇒ Date of Start - 09-08-2021

⇒ Actual dt/Completion - 1-06-2022.

⇒ maintenance period :-

(2-06-2023 to 01-06-2024)

1. (15.1) - Restoration of Road
Cuts/berms with soil
masonry do do all 15.

2x (1696.4m x 7.2% x 1.25) x 1.125 x

x 0.30 = 103.03 m³

2. (15.2) - Making up of soil
berms/shoulder stripping
excess soil from the shoulder
do do all 15

2x (3070.4m x 12% x 1.25) x 1.125 = 1036.13 m³

3. (15.3) III - patch repair over
bituminous surface 20mm
th. PMC and Sealcoat T-13
do do

1x (1696.4m x 1.6% x 1.25) x 3.75m = 79.50 m³

4. (15.7) I. maint. of CD Works
H.p. culvert - do -

Qty = 1x 3 Nos = 3 Nos

II. CD Works (Slab type Cul.)

Qty = 1x 3 Nos = 3 Nos.

Continuation

Abstract of Cost

63

(for 2nd year maint.)

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

⇒ Name/work - Const. of Road from
"Thakuraha High School to Bhawan
Tola" (mmusy, gen/2020-021)

⇒ Agency - Ravikumar Tiboti
(West Champaran)

Maint period: -

(02-06-2023 to 01-06-2024)

1/(15.1) Restoration of Rain cuts/
Berms with soil and mooring

Qty side p(61) / m³ = 103.03 m³

@ Rs 407.70/m³

= Rs 42,005.21

2/(15.2) - Making up of soft Berms/
Shoulder, stripping excess
soil from the shoulders to

Qty side p(61) / m³ = 1036.13 m³

@ Rs 60.79/m³

= Rs 62,986.27

3/(15.3) III - Patch repair over
bituminous surface with
20mm pml and seal coat T.B

Qty side p(61) / m² = 79.50 m²

@ Rs 320.65/m²

= Rs 25492.25

4/(15.7) - I. CD works. Maint.

(i) H.P. Culvert

Qty side p(61) / m³ = 3 m³

@ Rs 1182.79/each

= Rs 3548.37

(ii) Slab culvert

Qty side p(61) / m³ = 3 m³

@ Rs 2426.45/each

= Rs 7279.35

= Rs 141,310.27

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. & A. amount = Rs 1,41,310 =					=
5/(15.9) - Maint. of Road Sign					
Qty wide P(62)/TMB = 1.96 km					
@ Rs 1117.64/km = Rs 2191 =					=
6/(15.11) - Maint. of 200 m & km					
Qty wide P(62)/TMB = 3.91 km					
@ Rs 733.23/km = Rs 2867 =					=
7/(15.12) - I - Cutting of branches					
- ches. of tree and shrubs - do -					
Qty wide P(62)/TMB = 4 ms					
@ Rs 115.92/each = Rs 464 =					=
II - Cutting of ^{5 shrubs} branches of					
from the Road Way - do -					
Qty wide P(62)/TMB = 17 ms					
@ Rs 7.10/each = Rs 121 =					=
III - Trimming of Grass					
and weeds from the R/Way					
Qty wide P(62)/TMB = 1908. m					
@ Rs 2.37/m ² = Rs 4522 =					=
IV. Maint. of Tree by the					
Road Side - do - do -					
Qty wide P(62)/TMB = 76 ms					
@ Rs 699.15/each = Rs 53,135 =					=
8/(15.13) - White Washing of					
Parapet walls of CD					
works and trees - do -					
Qty wide P(62)/TMB = 63 m ²					
@ Rs 17.53/m ² = Rs 1104 =					=
					= Rs 2,05,714 =

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. f Amount				= Rs	20,5714 =
Add - 12 % GST				= Rs	24,686 =
Add - 1 % 1/2 cess				= Rs	2057 =
				G.T. = Rs	23,2457 =
Less - 0.17 % Below					
(As per Agreement)				= (-) Rs	395 =
Net payable Amount value				= Rs	23,2062 =

~~ACH~~
 02/06/24
 J.E.

~~Hand~~
 02/06/24
 AE

Materials statement

- | | | |
|---------------------------|---|----------------------|
| ① Earth Work - | = | 233.4 m ³ |
| ② Coarse Sand | = | 0.48 m ³ |
| ③ Stone chips | = | 2.15 m ³ |
| ④ Bitumen Emulsion (RS-1) | = | 0.02 MT |
| ⑤ Bitumen 40-10, (S-90) | = | 0.170 MT |

~~ACH~~
 02/06/24
 J.E.

~~Hand~~
 02/06/24
 AE