

NH-31 Lal Balaji to Mahadali Tola -

**Schedule XLV Form No. 134.**

Bawali

DIVISION

Bawali

SUB-DIVISION

Date of Agreement - 29-01-2021

Date of Completion - 28-01-2022

**Measurement Book**

1402

M/s Om Sai Construction

MMSY CSC / 115 SBP/2020-21

1st Year Maintenance

46

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	E.	D.	
N/W - NH 31- Lalbagh to Mehsa - Distt. for DCR					
Agency - OMC SAI construction					
AB. NO - 115 SRD / 2020 - 21					
D.O.A - 29-01-2021					
D.O.C - 28-01-2022					
Actual Date of COMP -					

Record Entry① Restoration of RidgesBerm with Soil Macum.

$$\begin{aligned}
 & 2 \times 30.00 \times 1.00 \times 0.300 = 21.60 \text{ m}^3 \\
 & 2 \times 30.00 \times 1.00 \times 0.200 = 18.00 \text{ m}^3 \\
 & 2 \times 20.00 \times 1.00 \times 0.300 = 12.00 \text{ m}^3 \\
 & 2 \times 25.00 \times 1.100 \times 0.300 = 16.50 \text{ m}^3 \\
 & \quad \quad \quad \quad = 68.10 \text{ m}^3
 \end{aligned}$$

② Making up of Berms/Shoulderstripping excess soil

$$\begin{aligned}
 & 2 \times 30.00 \times 1.25 = 75.00 \text{ m}^2 \\
 & 3 \times 30.00 \times 1.00 = 90.00 \text{ m}^2 \\
 & 3 \times 30.00 \times 1.100 = 99.00 \text{ m}^2 \\
 & 2 \times 20.00 \times 1.20 = 72.00 \text{ m}^2 \\
 & \quad \quad \quad \quad = 336.00 \text{ m}^2
 \end{aligned}$$

(3) Patch repair of asphalt pavingsurface 20 mm 1m. s.s.

$$2 \times 15.50 \times 0.900 = 27.90 \text{ m}^2$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstraction of cost</u>					
① Restoration of Rainways					
(item 1P - 46)					
$68.10 \text{ m}^3 @ RS = 404.06 / \text{m}^3 = 27576 = \text{Rs}$					
② Making up of Dams/Shoulder					
(item 2P - 46)					
$336.00 \text{ m}^2 @ RS = 60.28 / \text{m}^2 = 20254 = \text{Rs}$					
③ Bituminous Surface 20 mH MSS					
(item 3P - 46)					
$27.90 \text{ m}^2 @ RS = 201.36 / \text{m}^2 = 5618 = \text{Rs}$					
④ Maint. of C/D Works & Culverts					
(item 4P - 47)					
$2.00 \text{ nos} @ RS = 2394.96 / \text{each} = 4790 = \text{Rs}$					
⑤ Maint. of Road Signs					
(item 5P - 47)					
$0.14 \text{ km} @ RS = 1104.50 / \text{km} = 149 = \text{Rs}$					
⑥ Maint. of 200 M 8/14 Stone					
(item 6P - 47)					
$0.16 \text{ km} @ RS = 583.42 / \text{km} = 95 = \text{Rs}$					
⑦ Cutting of branches of trees shrubs					
(item 7P - 47)					
$3.00 \text{ nos} @ RS = 113.64 / \text{each} = 341 = \text{Rs}$					
⑧ Cutting of shrubs from roadway					
(item 8P - 47)					
$12.00 \text{ nos} @ RS = 6.98 / \text{each} = 84 = \text{Rs}$					
⑨ Trimming of bushes & weeds					
(item 9P - 47)					
					$\text{Rs} = 58847.00$



2nd Year Maintenance

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/30 - NH 31 to Calcutta.					
Mahadilal to Pa					
Agency - OM Sai Construction.					
AS. NO - 1155BDI 2020-21					
> O. A - 29-01-2022					
> O. C - 28-01-2022					
Actual Date of Comp.					

Record Entry.

(1) Restoration of Rainwater

Banks with soil moisture.

$$\begin{aligned}
 & 4 \times 20.00 \times 1.00 \times 0.900 = 36.00 \text{ m}^3 \\
 & 4 \times 25.00 \times 1.20 \times 0.900 = 36.00 \text{ m}^3 \\
 & 2 \times 20.00 \times 0.800 \times 0.200 = 9.60 \text{ m}^3 \\
 & = 81.60 \text{ m}^3
 \end{aligned}$$

(2) Hauling up of Banks/Shoulder

stripping banks soil

$$\begin{aligned}
 & 3 \times 20.00 \times 1.20 = 108.00 \text{ m}^3 \\
 & 4 \times 30.00 \times 1.10 = 132.00 \text{ m}^3 \\
 & 6 \times 20.00 \times 1.05 = 126.00 \text{ m}^3 \\
 & 2 \times 20.00 \times 0.950 = 38.00 \text{ m}^3 \\
 & = 404.00 \text{ m}^3
 \end{aligned}$$

(3) Patch repair over Bituminous

Surface 20 mH M.S.

$$2 \times 10.00 \times 1.50 = 30.00 \text{ m}^2$$

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

Abeyance of cost

## (1) Restoration of Ruins

(Item 1P - 51)

$$81.60 \text{ M}^3 @ \text{Rs } 404.06/\text{M}^3 = 32971 \approx 300$$

## (2) Making up of Banks/Shoulder

(Item 2P - 51)

$$404.00 \text{ M}^3 @ \text{Rs } 60.28/\text{M}^3 = 24352 \approx 200$$

## (3) Bituminous Surface 20MM MSS

(Item 3P - 52)

$$56.00 \text{ M}^2 @ \text{Rs } 201.26/\text{M}^2 = 11276 \approx 100$$

## (4) Maint. of C/D Slab ceiling

(Item 4P - 52)

$$2.00 \text{ NUS } @ \text{Rs } 2394.96/\text{per m} = 4790 \approx 50$$

## (5) painting of Roads &amp; Drivs.

(Item 5P - 52)

$$0.16 \text{ KM } @ \text{Rs } 1104.58/\text{KM} = 179 \approx 50$$

(6) painting of 200M<sup>2</sup> KM Stone.

(Item 6P - 52)

$$0.20 \text{ KM } @ \text{Rs } 583.43/\text{KM} = 118 \approx 50$$

## (7) cutting of branches of tree &amp; shrubs

(Item 7P - 52)

$$3.00 \text{ NUS } @ \text{Rs } 113.64/\text{per m} = 341 \approx 50$$

## (8) cutting of shrubs from roadway

(Item 8P - 52)

$$14.00 \text{ NUS } @ \text{Rs } 6.98/\text{per m} = 98 \approx 50$$

Rs 74126.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F.	Rg	741	26.00	

Add inst @ 12% — Rg 889 5.00

Add L. cess @ 1% — Rg 74 13.00

Rg 90434.00

Below a. 45% — Rg 407.00

Net Rg 90027.00

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