

Mamnoran Narayan Road to Ghuskipath

Schedule XLV-Form No. 134

कार्यपालक अभियन्ता

मार्गोपाकार विभाग

कार्य प्रमुख, जयनगर

Maintenance

DIVISION

Basopatti

SUB-DIVISION

1116

MEASUREMENT BOOK

अंग देवा

2nd on A/c Bell

2nd Year Maintenance Bell

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12/1	Restoration of raincuts				
	With soil, maximum gravel				do
	do				all complete job
	6x	6.30x	1.10x	0.15=	6.237
	11x	7.50x	1.00x	0.15=	12.375
	13x	6.90x	1.10x	0.15=	14.801
	10x	3.10x	1.10x	0.15=	5.115
					38.528m ²

12/2	Making up loss of material /				
	irregularities on shoulders				do
	do				all complete job

2nd year Maintenance Bell

Name of work:- Maintenance of Road

Mannohan Narayan Road to

Ghuskipathi Takurda MMGSY

Agency:- Ansu Devi, I/O - Satish Kumar Thakur

Vill - Sahas P.O - Karmali, P.S.

Simeri, Dist - Darbhanga.

Agreement no - 11SRD 2017-18 MMGSY

Rate - 10% Below

Date of commencement - 06-11-2017

Date of actual completion - 23-06-2019

Continuation



ABSTRACT OF COST 2nd year maintenance bill 12

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11/1	Restoration of rain cuts.				
	with soil. do do				
	all complete job				
P-9	Qty - 38.528 m ³				
	@ Rs. 347.63 / cum = 13,393=00				
12/2	Making up loss of material				
	irregularities do				
	do all complete job				
P-9	Qty - 426.06 m ²				
	@ Rs. 52.38 / m ² = 22,317=00				
13/5	Periodical renewal to				
	existing bituminous				
	do do all				
	complete job				
P-9+10	Qty - 52.76 m ²				
	@ Rs. 107.96 / m ² = 5696=00				
14/7	Maintenance of HP culvert				
	by way of cleaning				
	do do all				
	complete job				
P-10	Qty - 3.00 nos.				
	@ Rs. 1047.50 / each = 3143=00				
					44,549=00

Continuation



ABSTRACT OF COST

2nd year maintenance bill

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11)/1	Restoration of rain cuts-				
	with soil. — do — do —				
	— all complete job				
P-9	Qty - 38.528 m ³				
	@ Rs. 347.63 / cum = 13,393 = 00				
(12)/2	Making up loss of material				
	irregularities — do —				
	— do — all complete job				
P-9	Qty - 426.06 m ²				
	@ Rs. 52.38 / m ² = 22,317 = 00				
(13)/5	Periodical renewal to				
	existing bituminous —				
	— do — do — all				
	complete job				
P-9+10	Qty - 52.76 m ²				
	@ Rs. 107.96 / m ² = 5696 = 00				
(14)/7	Maintenance of HP culvert				
	by way of cleaning —				
	— do — do — all				
	complete job				
P-10	Qty - 3.00 nos.				
	@ Rs. 1047.50 / each = 3143 = 00				
					44,549 = 00

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15/9					317.3=00
Maintenance of road segm					
by way of cleaning -					
do - do - all					
complete Job					
P-10	Qty - 1.593 km				
@ Rs. 1010.45 / km =					1610=00
16/12					2800=00
Cutting of branches of trees					
and shrubs - do -					
all complete Job					
P-10	Qty - 9.00 nos				
@ Rs. 97.48 / each =					877=00

17/14					
Trimming of grass and					
weeds from roadsides					
do - do - all					
complete Job					
P-10-11	Qty - 802.27 m ²				
@ Rs. 1.99 / m ² =					1597=00
18/15					
whale washing two coats on					
parapet - do - do -					
all complete Job					
P-11	Qty - 20.16 m ²				
@ Rs. 20.43 / m ² =					412=00
					49,045=00
Less 90% as per Agreement =					4905=00
					44,140=00

Continuation

20/06/2021
JE

20/06/2021
AE

3rd year Maintenance

15

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/would - Maintenance of Road from					
Mannohan-Naray Road to					
Dhaskipatti Tal.					
Agency - Smt. Anju Devi					
Ag. No. - 11-SR7/2017-18					
D/Start - 6/11/17					
Act. Compli. - 23/6/19					
Maint. period - 24-06-21 to 23-06-22					

Measurements

(1) Restoration of Rain-cuts
as per Specification.

$$1 \times 6.4 \text{ out} \times 0.70 \times 0.300 = 13.44 \text{ m}^3$$

$$12 \times 5.5 \text{ out} \times 0.95 \times 0.300 = 18.81 \text{ m}^3$$

$$3 \times 11.3 \text{ out} \times 0.70 \times 0.300 = 7.12 \text{ m}^3$$

$$2 \times 2 \times 18.0 \text{ out} \times 0.90 \times 0.300 = 19.44 \text{ m}^3$$

$$3 \times 10.0 \text{ out} \times 0.75 \times 0.300 = 6.75 \text{ m}^3$$

$$2 \times 2 \times 7.5 \text{ out} \times 0.50 \times 0.300 = 4.50 \text{ m}^3$$

$$\text{Total} = 57.96 \text{ m}^3$$

$$\text{Net} = 56.45 \text{ m}^3$$

(2) Maintenance of earthen should-
less as per Specification.

Continuation

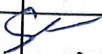
3rd year

18

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
2 x 2 x 6.00m x 0.60m =				14.40 m ²
2 x 6.00m x 0.40 =				4.80 //
2 x 2 x 0.60m x 0.40 =				0.96 //
Total =				20.16 m ²


 25/06/2022
 JE


 10-7-2022
 M

Abstract of Cost.

(1) Rubra of Rain-fore.

$$5 + \frac{V_{\text{cell}}}{T_{\text{cell}}} \cdot \frac{1}{P} = 56.4548$$

①- 347 63/m)-A- 196248

② Maint. of shoulders

S8 vicki-2, 1A-15/16 = 627-26 m²

② $52.38 / \text{mL} - 1 - 32.855 =$

(3) Repair of Pot-holes - 5mm
B.M.

59 visit 31.16 = 80.37 mL

① 1-365-711ml -p-29392-

4) Sustained-Loading Pload.

66 Wichita 41 P-16

$$= 80.37 \text{ mL}$$

@A-120.19/mL -A-9660-

Continuation

91531 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Surface dressing 2nd coat					
61	vidit-5, P-17	80.37 m ^L			
	@ P-10	796/m ^L - P- 8677 =			
(6) Maint. of H/P Culverts					
62	vidit-6, P-17	0.3145			
	@ P-10	47.50/m - P- 3143 =			
(7) Maint. of Road lights					
63	vidit-7, P-17	1.590 km.			
	@ P-10	10.45/km - P- 1607 =			
(8) Maint. of k.m. Stems					
64	vidit-8, P-17	0.287 km.			
	@ P- 676.97/km - P- 194 =				
(9) Cutting of Tree Branches					
	vidit-9, P-17	0.91 km			
	@ P- 97.48/m - P- 877 =				
(10) Cutting of shrubs					
65	vidit-10, P-17	1.91 km			
	@ P- 5.98/m - P- 114 =				
(11) Trimming of grass					
68	vidit-11, P-17	806.47 m ^L			
	@ P- 1.99/m ^L - P- 1605 =				
(12) White-washing of Poles					
69	vidit-12, P-17	20.18 m ^L			
	@ P- 20.43/m ^L - P- 412 =				
		Total P = 108160 = 00			
		Less-10.1. Below = (-) 10816 =			
		Balance P = 97344 = 00			

Continuation

Materials 148.99m³

1) CW / foil - 105.70m³

2) Nutell = 7.30m³

3) chip PS = 2.50m³

4) DWT = 1.70m³


25/11/22
JE

SE
107 m²
m

City Year Maintenance

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
H/Work - Maintenance of Road from					
Manmohan-Narayan Road					
to Dhustipatti Tak.					
Agency - Smt. Anju Devi					
Gr. No - 11-SRD/2017-18					
Start - 6/11/17					
Det. Coupli - 23/6/19					
Maint. period - 24-06-22 to 23-06-23.					

Measurements					
(1) Pr. Rustication of Rain-cuts					
as per specification -					
2	17.5	out	1.10	0.300	11.55m ³
5	22.0	out	1.00	0.300	33.00
7	11.5	out	0.90	0.300	21.741
9	7.5	out	1.10	0.300	22.28m ³
				Total =	77.58m ³
				Unit =	75.70m ³
(2) Maintenance of cartlan.					
Shoulders as per specification					
5	2	23.0	out	1.10	253.0m ³
7	2	10.0	out	1.00	140.00
				Continuation	393.0m ³



4th year

25

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
81 47 00000					
1x2x2x6.20m x 0.60 =					14.88m ³
1x2x6.20m x 0.40 =					4.96m ³
7x2x2x0.60m x 0.40 =					2.96m ³
					Total 20.80m ³

93/01/2023
JF

23-11-23
JF

Abstract of Cost

(1) Repair of Rain-water.

71 vide it-1, P-22 = 75.70m³

T.M.P. @ 347.63/m³ - 26316 =

(2) Maint. of Stoublers

72 vide it-2, P-22/23 = 716.85m³

@ 52.38/m³ - 37549 =

(3) Repair of Pot-holes - 75mm B.M.

73 vide it-3, P-23 = 107.16m³

T.M.P. @ 365.70/m³ - 39188 =

(4) Surface Dressing - 7th coat

74 vide it-4, P-23 = 107.16m³

@ 120.19/m³ - 12880 =

(5) Surface Dressing 2nd coat.

75

Continuation

115933 =



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Width of S.P. 24 = 107.10 m					
@ 13-107.96/m - 13-11569 =					
(6) Maint. of H/P Culverts					
Width of 6/P 24 = 0.3 Nos.					
@ 13-1047.50/ce - 13-3143 =					
(7) Maint. of Road lights					
Width of 8/P 24 = 1.593 km					
@ 13-1010.45/km - 13-1610 =					
(8) Maint. of K.M. Stones					
Width of 8/P 24 = 0.287 km					
@ 13-676.97/km - 13-194 =					
(9) Cutting of Tree Boches					
Width of 9/P 24 = 0.9 Nos					
@ 13-97.48/m - 13-877 =					
(10) Cutting of shrubs					
Width of 10/P 24 = 1.9 Nos					
@ 13-5.98/m - 13-114 =					
(11) Trimming of grass					
Width of 11/P 24 = 806.4 m					
@ 13-1.99/m - 13-1605 =					
(12) White-washing of parapets					
Width of 12/P 25 = 20.80 m					
@ 13-20.43/m - 13-425 =					
Total = 135470.00					
Less - 10% = 13547 =					
Balance = 121923.00					

Continuation

Materials

1) E/w - Soil =	144.50 m ³
2) Net fill =	9.75 m ³
3) chipps =	2.90 m ³
4) Duff =	2.50 m ³

(P)
23/01/03
JE

JE
23 m³
R