

Ashok & Co. ~~Coast~~ Nivas Pvt Ltd
Agar 16 (SBD) / 17-18

Maint code for

Mango Bander to Maghwarwar Kalishan Dewikher

Road

Schedule XLV-Form No.-134

NA 134 RD

Maint code

RWD JAMVI

DIVISION

Kharia

SUB-DIVISION

MEASUREMENT BOOK

Two thousand three hundred ninety four)

no. 2394

2nd year maintenance bill

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Mainline period	20/10/19	to	24/10/20		
Road: Mangobanar rd					
Mogammar Kailash					
Demikhar Road.					
Agency: Ashok & Co Nivas					
Pvt Ltd. At Rawal P.s					
Gidhwal, Dist- Jammu					
Ag. No. 06 (S.B.D) / 17-18					
Measurement					

(1) Restoration of Paving cuts					
Berms (Chowk with Soil) mms					
5x36.0	x	1.20	x	0.30	= 54.00 m ²
3x13.0	x	1.10	x	0.30	= 12.87 m ²

6x15.0	x	0.80	x	0.30	= 21.60 m ²
4x25.0	x	0.90	x	0.30	= 27.00 m ²
8x12.0	x	1.20	x	0.30	= 34.56 m ²
8x29.0	x	1.20	x	0.30	= 83.52 m ²
6x13.0	x	0.90	x	0.30	= 21.06 m ²
					Qty = 254.61 m ²

(2) Making up of Berms/shoulder

Stripping excess soil from the shoulder before roadwork being done by D.M.

8x30.0	x	1.20	= 28.80 m ²
6x15.0	x	0.90	= 81.00 m ²
8x13.0	x	0.80	= 62.40 m ²
6x21.0	x	1.10	= 138.60 m ²
4x11.5	x	0.80	= 3.68 m ²

Qty = 573.68 m²

Continuation

Particulars	Details of actual measurement				Contents of area.
	No.	L.	B.	D.	
③ Periodical Renewal of existing Aluminium pipes					
Size of do and detail					
Job.					
16 X 1.90		X 0.30			$= 9.12 m^2$
18 X 2.25		X 0.30			$= 12.15 m^2$
15 X 2.50		X 0.45			$= 16.87 m^2$
8 X 1.60		X 0.30			$= 3.84 m^2$
10 X 1.50		X 0.30			$= 4.50 m^2$
12 X 1.75		X 0.30			$= 6.30 m^2$
18 X 1.90		X 0.30	2		$= 10.26 m^2$
12 X 1.40		X 0.30			$= 5.04 m^2$
24 X 1.50		X 0.30			$= 11.52 m^2$

					Qty = 79.60 m ²
④ maintenance of c/d work					= 4.16 m ²
⑤ maintenance of Road 5% = 0.150 km					
⑥ maintenance of 20 ML / km					
⑦					0.63 km
⑧ cutting of branches of trees & stumps					4.00 NO
⑨ cutting of shrubs from Road way					17.00 NO
⑩ White washing of parapet walls of P.D Work block					
Top 2 X 3.60		X 0.40			$= 2.880 m^2$
End parapet 4 X 0.40		X 1.20			$= 1.920 m^2$
Inner side 2 X 3.60		X 0.60			$= 4.320 m^2$
Outer side 2 X 3.60		X 1.00			$= 7.200 m^2$
4 X 16.32 m					Qty = 16.32 m ²
					Continuation 65.28 m ²

30/10/2020

31/11/20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd Year Main Ball					
ABSTRACTS					
(1) Restoration of pavements					
Borings with soil moisture					
do do all complete job					
Qty vide item NO-1					
P.No- 7 T.M.B = 254.61 m ²					
@ Rs 358.02/m ²					Rs 91155.200
(2) Making up of Bore/should					
stripping excess soil here					
th shoulder surface to below					
level.					
Qty vide item NO- 2					
P.No- 7 T.M.B = 57.3.68 m ²					
@ 54.29/m ²					Rs 31145.200
3(iii) periodical Renewal of					
existing bituminous surface					
do do all complete job.					
Qty vide item NO-3					
P.No- 8 T.M.B = 79.60 m ²					
@ Rs 75.32/m ²					Rs 5995.200
(4) maintenance of C.V work					
do do all complete job					
Qty vide item NO - 4					
P.No- 8 T.M.B = 4. NO					
@ 1057.98/each					Rs 4232.200

Continuation

Rs 132527.200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			81	ft	+34894.00
(5) Maintenance of Road side do					1325.27
do do all imp 1/4					
Qty wide item NO 5					
P.No - 8 Tm B = 0.50 km					
@ 1020 = 54/1000				ft	510.00
(6) Maintenance of gully to					
Qty Stone.					
Qty wide NO - 6					
P.No - 8 Tm B = 0.63 km					
@ 551 = 92/1000				ft	348.00
(7) cutting of bridge of					
free & stone do do					

all complete job.					
Qty wide item NO - 7					
P.No - 8 Tm B = 4.6 NO					
@ 98 = 45/each				ft	394.00
(8) cutting & stone from					
Road way do do do					
Complete job					
Qty wide item NO - 8					
P.No - 8 Tm B = 17 Nos					
@ 6 = 04/each				ft	103.00
(9) White washing of parapet					
Wall of C.D work &					
free from do do					
Qty wide item NO - 9					
P.No - 8 Tm B = 65.28 m ²					
@ 15.51/m ²				ft	1012.00

Continuation

Rs 134894.00

Material Statement		Royalty	SFC
Q/W	318.26 m^3	1050	2200 1050
(R-1)	$= 0.025 \text{ MT}$		
(S-90)	$= 0.258 \text{ MT}$		
Crushed Stone Aggregate	$= 2.149 \text{ m}^3$	322	123
@	$572.28 / \text{m}^3$		
Crushed Sand	$= 0.477 \text{ m}^3$	36	05
@	$100.80 / \text{m}^3$	10860	1178
Qty			
	30/10/2020		
	N.G		

3rd year maintenance work

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Particulars	Details of actual measurement				Contents of area
Maintenance Period - 25/11/20 to 20/10/21					
N/W:- Mangobander to Magamacher Kalichan					
Dhikhon Road.					
Agency:- Aslok & Co. Miras					
Part 1st:- At Kewal P.s					
Gidhaur - Jamui					
Ag No - 06 (S B D)/17-18					
Measurement					
① Restoration of Boundary					
Bottom with Soil/ Mura -					
6 x 30.0 x 1.10 x 0.30					= 59.40 m ³
4 x 25.0 x 1.20 x 0.30					= 36.00 m ³
6 x 15.0 x 1.20 x 0.30					= 32.40 m ³
8 x 12.0 x 1.10 x 0.30					= 31.68 m ³
5 x 29.0 x 1.20 x 0.30					= 52.20 m ³
6 x 19.0 x 1.10 x 0.30					= 37.62 m ³
10 x 25.0 x 0.80 x 0.30					= 48.00 m ³
1 x 1.25 x 0.80 x 0.30					= 0.30 m ³
					Qty: 259.60 m ³
② Making up of Bottom/					
Shoulder Striping except					
Soil to form the Shoulder					
Surface to column level					
do do all complete soil					
8 x 30.0 x 1.10					= 264.00 m ²
6 x 13.0 x 0.90					= 70.20 m ²
8 x 15.0 x 0.80					= 96.00 m ²
6 x 11.0 x 0.75					= 49.50 m ²
4 x 7.0 x 0.50					= 34.00 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	25	1.90	X 0.30	=	14.25 m ²
	16	1.80	X 0.80	=	8.64 m ²
	18	2.25	X 0.30	=	12.15 m ²
	28	1.90	X 0.30	=	15.96 m ²
	23	2.10	X 0.30	=	14.49 m ²
	14	2.25	X 0.30	=	9.45 m ²
	28	1.75	X 0.45	=	22.05 m ²
	12	1.90	X 0.45	=	7.91 m ²
	25	2.10	X 0.30	=	15.00 m ²
	1	X 0.35	X 0.30	=	0.10 m ²
					119.50 m ²
①	Maintenance of D.S.				2.28 m
	work				4.00 m

⑦	Maintenance of				
	ford sign				0.63 km
⑧	Maintenance of 200				
	m & km stones				0.76 km
⑨	cutting of branches				
	of trees & shrubs				4.00 NO
⑩	cutting of shrubs for				
	ford ways				17.00 NO
⑪	White washing of				
	para pet walls of				
	C.D work & structure				
Top	2	3.50	X 0.40	=	2.88 m ²
Parapet	4	X 0.40	X 1.20	=	1.92 m ²
Inner side	2	3.60	X 0.60	=	4.32 m ²
Outer side	2	3.60	X 1.00	=	7.20 m ²

Qty: 16.32 m²

Continuation

4 x 16.32 = 65.28 m²

Rev
21/10/2021 J.C

3rd year maintenance work

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Asst. ref. & cont.</u>					
① Restoration of raincups Borm with Soil Moorm do do all complete job					
Qty vide Item No. 1					
P. No. - 13					
Tim. B = 2297.60m ²					
② 858 = 2/m ²					Rs 106547.00
② Making up of Borm/Soil do do all complete job					
Qty vide Item No. 2					
P. No. - 14					
Tim. B = 573.64m ²					
② 51 = 29/m ²					Rs 51143.00
③ Repair to pot holes bitly with 75 mm W.B. mdo do all complete job					
Qty vide Item No. 3					
P. No. - 14					
Tim. B = 49.86m ²					
② 240 = 32/m ²					Rs 2129.00
② 86 = 67/m ²					Rs 8857.00
④ Periodical Renewal to existing bitum/hom do do all complete job					
Qty vide Item No. 4					
P. No. - 14					
Tim. B = 119.50m ²					
② 86 = 67/m ²					Rs 10357.00
⑤ Periodical Renewal to existing bitum/hom					
Qty vide Item No. 5					
P. No. - 15					
Tim. B = 119.50m ²					
② 75 = 32/m ²					Rs 9001.00
② 86 = 67/m ²					Rs 159177.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			131	13	15917720
(6) Mainline of C.D. work -					
Qty wide item No - 6					
P.No - 15 Tim.B = 4.00 NO					
@ 1057208/NO					Rs 423220
(7) Mainline of Road Sign -					
Qty wide item No - 7					
P.No - 15 Tim.B = 0.63 km					
@ 1020250/km					Rs 648200
(8) Mainline of 1km Source					
Qty wide item No - 8					
P.No - 15 Tim.B = 0.75 km					
@ 551292/km					Rs 419200
(9) cutting of branches of					
branches of Shrub -					
Qty wide item No - 9					
P.No - 15 Tim.B = 2.00 NO					
@ 9845/NO					Rs 394200
(10) cutting of Shrub for					
Road wayside - do -					
Qty wide item No - 10					
P.No - 15 Tim.B = 1.70 NO					
@ 6204/NO					Rs 105200
(11) White washing of					
largest wall of C.D. work					
before bunding					
Qty wide item No - 11					
P.No - 15 Tim.B = 65.28 m ²					
@ Rs 1525/m ²					Rs 1012500
Continuation					
					Rs 16598000

dt 24-2-22

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Term	with	soil	do -	do	
3 x 15.00	x	1.50	x	0.30	= 20.25 m ³
2 x 30.00	x	1.40	x	0.30	= 25.20 m ³
2 x 30.00	x	1.50	x	0.30	= 27.00 m ³
6 x 16.00	x	1.60	x	0.30	= 28.80 m ³
3 x 30.00	x	1.50	x	0.30	= 40.50 m ³
2 x 30.00	x	1.40	x	0.30	= 25.20 m ³
2 x 30.00	x	1.50	x	0.30	= 27.00 m ³
5 x 36.00	x	1.20	x	0.30	= 54.00 m ³
3 x 13.00	x	1.10	x	0.30	= 12.87 m ³
6 x 15.00	x	0.80	x	0.30	= 21.60 m ³
4 x 25.00	x	0.90	x	0.30	= 27.00 m ³
8 x 11.00	x	1.15	x	0.30	= 30.36 m ³
			Qty	= 3	39.78 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ Maintenance of 200 m and Km stone do-do all -					0.76 Km
⑨ Cutting of branches of trees and shrubs do-do all -					4.00 No.
⑩ Cutting of shrubs from road way do-do all complete					17.00 No.
⑪ White washing of parapet walls of CD work and free					
Top	2	3.60	0.40		$2.880 m^2$
End parapet	4	0.40	1.20		$1.920 m^2$
inner side	2	3.60	0.60		$4.320 m^2$
outer side	2	3.60	1.00		$7.20 m^2$
				Qty	$= 16.32 m^2$

$$4 \times 16.32 m^2 = 65.28 m^2$$

by

15/11/22

A.E

15/11/22
A-22

28/11/22
Jumax
15/11/22

4th year maintenance work

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Ab Stract of cost				
① Restoration of Raincut/Berm					
do-do all complete job.					
Qty vide item no- 1					
P.No-20 T.M B = 3					39.78 m ³
@ 358.02/m ³					Rs 121648 = 00
② making up of Berms/shoulder					
do-do all complete job.					
Qty vide item no- 2					
P.No-21 T.M B = 765.00 m ²					
@ 765.00/54.25/m ²					Rs 41532 = 00
③ Repair to pot holes filled					
do-do all complete job.					
Qty vide item no- 3					
P.No-21 T.M B = 11.92 m ³					
@ 240.32/m ³					Rs 2865 = 00
④ periodical Renewal to existing bituminous do-do all.					
Qty vide item no- 4					
P.No-22 T.M B = 159.37 m ²					
@ 86.67/m ²					Rs 13813 = 00
⑤ periodical Renewal to existing bituminous do-do all.					
Qty vide item no- 5					
P.No-22 T.M B = 159.37 m ²					
@ 75.32/m ²					Rs 12004 = 00

Continuation

Rs 191862 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF —	Rs 19	1862 = W
(6) maintenance of c/d work					
do-do complete all jobs					
Qty vide item No - 6					
P.No-22	T.M	B =	4-W	No.	
@ 105	7.9	8/No.		Rs 4	232 = W
(7) maintenance of Road sign					
do-do all complete jobs.					
Qty vide item No - 7					
P.No-22	T.M	B =	0.63	Km	
@ 1020.54/Km				Rs 643	= W
(8) maintenance of 200 m and km					

Stays do-do all complete jobs.					
Qty vide item No - 8					
P.No-23	T.M	B =	0.76	Km	
@ 551.92/Km				Rs 419	= W
(9) cutting of branches of trees and shrubs do-do all complete —					
Qty vide item No - 9					
P.No-23	T.M	B =	4-W	No.	
@ 98.45/No.				Rs 394	= W
(10) cutting of shrubs from roadway do-do all complete.					
Qty vide item No - 10					
P.No-23	T.M	B =	17-W	No.	
@ 6.04/No.				Rs 103	= W

Material statement

 $E/w = 424.725 \text{ m}^3$

 $(SS-1) = 0.142 \text{ MT}$

 $(RS-1) = 0.623 \text{ MT}$

 $(S-90) = 1.6 \text{ MT}$

Crushed Stone Aggregate

 $25.483 \text{ m}^3 @ 572.28/\text{m}^3$

Crushed Sand $= 1.912 \text{ m}^3$

 $@ 100.80 / \text{m}^3$

by
 TSM/22
 J.E

5th 7/2 Months' (2011)

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

2			
Making up Dr Berms / Shoulder			
Stopping excess soil from the			
Shoulder Surface to achieve			
level			
6x	20.0	x 1.20	= 144.00 M ²
8x	25.0	x 0.90	= 180.00 M ²
16x	23.0	x 0.75	= 276.00 M ²
			600.00 M ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11 Trimming of 2 nd Weeds					
	8	6.0	0.30	2	14.40 M ²
12 White Washing of Parapet					
Walls of C.D. Work 2 Trees					
Trunks					
Top	2x	3.60	0.40	2	2.88 M ²
End Parapet	4	0.40	0.20	2	1.92 M ²
Inner Side	2x	3.60	0.60	2	4.32 M ²
Outer Side	2x	3.60	1.00	2	7.20 M ²
					16.32 M ²
Per 4 Nos					65.28 M ²

ABSTRACT OF COST

① Restoration of Railcut

Borrow with Soil material

Qty side 14.40 at 1000

38 2.58 M³P 3582 02/M³

B 13697120

2. Making up of berm/shoulder

Shifting excess Soil from the
Shoulder Surface to achieve

level -

B 13697120

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B 12 R	1369	712 W
Qty note Page No 28 in TMN			860.40 M ²		
@ 54 = 291 M ²				B	467112 W
3. Repair of pot holes filled					
with 75 mm 71.25					
Qty note Page No 28 in TMN			14.89 M ²		
@ B 240 = 234 M ²				B	35782 W
4. Periodical Renewal to					
existing bituminous					
surface 2 nd coat					
Qty note Page No 29 in TMN			199.16 M ²		
@ B 86 = 67 M ²				B	172612
5. Periodical Renewal existing					
bituminous surface 2 nd coat					
Qty note Page No 29 in TMN			199.16 M ²		
@ B 75 = 32 M ²				B	150012
6. Main UB & D Work					
7. Qty note Page No 29 in TMN			4 M ²		
@ B 1057 = 931 real				B	42322 W
			Total	B	2235742 W

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		1212 B	223		57420
7 Mains of C.D. work					
Qty vide Paper No		4 Nos			
8 Mains of Road Sign					
Qty vide Paper No		29 in 1mm			
			0.63 KM		
10 1020 254 KM					64320
8 Mains of 200 2km stone					
Qty vide Paper No		29 in 1mm			
			1.01 KM		
9 551 292 KM					5572
9 Cutting of branches of trees					
Qty vide Paper No		29 in 1mm			
		4 Nos			
98 45/ear					3942
10 Cutting of stumps from					
11 Roadways					
Qty vide Paper No		29 in 1mm			
		17 Nos			
62 04/ear					10320
11 Trimming of grass & weeds					
Qty vide Paper No		30 in 1mm			
			14.40 M ²		
2201 M ²					2920
Total					22530020

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			11.25	30.00	2.0
12/12 white					
Walls of CD work					
Tree Trunks					
Qty of concrete					
@ 15	251	M ²			10122.4
					B 2263122
Qty of 10% asphalt					226312
					R 20368120

Boiler					
20/10/23					
J.E.					
Curtain					
31/10/23					
Material Statement					
Q.W.	1.25	382.58	M ³	2	478.23 M ³
(S-90)	0.1	99 MT		+	0.1 79 MT = 0.378 MT
sticks	1.99	M ³			
QB	663	11	M ³		
sticks	1.59	M ³			
QB	663	55	M ³		
Boiler					
20/10/23					
J.E.					