

N.H. 98 to Chandrapur Bigha (10220 K.H.BT)

Schedule XLV - From N.H. 98

KJ.M.V.S.V(81d)

Section 4 of 1980

MINAR P.W.D.

E.E. Road work Aurangabad **Division**

A.E. Aurangabad **3rd Division**

MAINTENANCE BOOK

M.B.N.

[41095]

Agency - Rajesh K. Singh

Certified That This M.B. Contain (100)
Pages By Printers Matchine And Issued
To Sri...R.P. KharwarA.E. R.W.D
Work Sub-Div.....A. bad

J. K. Singh
30/11/21
Executive Engineer
Road Works Depart. of
Works Division, Aurangabad

[Signature]
30/11/21

Form No. 134 - Form No. 134.

E. E. A. bad Division.

A. E. Aurangabad Division.

MEASUREMENT BOOK.

112160

Sri R. P. Kharwar

A. E. Aurangabad

A

निर्माण मंत्रालय, भारत ।

Name of work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement.

(These four lines should be repeated at the commencement of the measurements relating to each work.)

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

1) Name of Work - Construction of Road from NH-28 to Chandrakho bigha land NOYEST (SE)					
2) Agency - Mr Rajish Kumar Singh					
3) Agreement no - 500/2021-22					
4) Date of Work start 15.07.2021					
5) Rate - 10% below					
Date of Bill 6.10.2021					
1) PN Setting out pillar					
each pillar 07					
B-M below - 2000					

Ref. pillar - 4 no					
2) PN & survey infirmatory					
Sign Board with logo					
etc - do - 07					
2000					
3) PN clearing and grubbing					
road land etc - do - 07					
2x27x30x3.50 2					5670M ³
2x13x30x3.50 2					2730M ³
2x1x20x3.50 2					140M ³
					8540M ³
@ 0.354 Hant.					
4) PN E/W Excavation					
in 10' trenches etc do - 07					
2x3.9x1.75x1.50 2					13.455M ³
6 no culverts - 6x1.34 2					80.73M ³
5) PN P.C.C H/s as levelled					
course etc - do - 07					
2x3.9x1.15x0.15 2					1.340M ³
6 no culverts - 6x1.34 2					8.07M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
6) Dismantling of Existing Structure etc. - do - etc.					
Cement concrete -					
2x 3.15 x 1.5 x 0.20 = 1.89 m ³					
7) PW Dismantling of Existing Structure etc. - do - etc.					
Cement Mortar					
7x 2x 2.90 x 1.5 x 0.85 = 51.76 m ³					
8) PW Removal of all type H.P. etc. - do - etc.					
9x 2.52 22.5 mt					
9) PW and laying Beaming duct pipe etc. - do - etc.					
5x 4x 2.52 50.0 mt					

Off

06/10/2019

JE H202

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>Date of Entry</u>					15.3.02
1) PW and laying recs					
600mm ϕ etc. do. etc.					
$6 \times 3 \times 2.8 = 48 \text{ mt}$					
2) PW P.C.C. 1/20 in sub					
structure etc. do. etc.					
$2 \times 3.60 \times 0.75 + 0.40 \times 1.43 = 5.92 \text{ m}^3$					
less for pipe					
$2 \times 0.785 \times (0.83)^2 \times 0.33 = 0.574 \text{ m}^3$					
					Total 5.346 m ³
600 cu. ft. - $6 \times 5.346 = 32.07 \text{ m}^3$					
3) PW Construction of G.S.B					
with grading 2 etc.					
$27 \times 30 \times 4.05 \times 0.20 = 656.1 \text{ m}^3$					
$6 \times 30 \times 4.05 \times 0.20 = 145.80 \text{ m}^3$					
					801.90 m ³
4) PW Construction of WBM grade					
laying and compaction etc.					
$20 \times 30 \times 3.75 \times 0.075 = 168.75 \text{ m}^3$					
15.3.02					
JE					
Assistant Engineer					
Rural Works Department					
Works Sub-Div. Aurangabad					

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>Abstract of Crst</u>					
PW and fixing Working B.M					
& ruff. pillar etc. do - TB					
B.M. Qty n de 1-①					
2 no @ 292.86/each					b 7842 = 0
Ruff. pillar					
4 no Qty n de 1-①					
@ 1776.05/each					b 7104 = 0
PW clearing and grubbing					
road land etc. do - TB					
0.854 Hect Qty n de 1-①					
@ 57133.76/Hect					b 43464 = 0
PW Construction of					
Embankment with					
material approved lead					
100m etc. do TB					
1923.25 m ³ Qty n de 1-③					
@ 131.03/m ³					b 252069 = 0
PW Construction of sub-grade					
and earthen shoulder etc TB					
lead 100m					
1842.75 m ³ Qty n de 1-③					
@ 141.58/m ³					b 260141 = 20
PW Construction of sub-grade					
and earthen shoulder etc					
upt 100m lead etc TB					
877.50 m ³ Qty n de 1-③					
@ 176.58/m ³					b 154949 = 20
PW Construction of G.S.D					
with grading I etc do - TB					
801.20 m ³ Qty n de 1-④					
@ 2384, continuation					b 191826 = 0
Total					b 26373952 = 0
					— Clo

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				8 ft 6 in	263739520
7) PW WBM. gr. layup					
Compaction etc. do. 15					
168.75 m ³ Qty incl- ①					
@ 3348.40/m ³					56504220
8) PW and layup R.C.C. 30mm					
duct pipe etc. do. 15					
50 mt Qty incl- ②					
@ 889.49/mt					4447520
9) PW 26 mm thick of Ex 15					
Structure etc. do. 15					
1) Cement concrete					
1.89 m ³ Qty incl- ②					
@ 484.74/m ³					91620
2) Cement Mortar					
51.86 m ³ Qty incl- ②					
@ 231.77/m ³					1199620
10) PW Removal of all type					
to 1. etc. do. 15					
22.5 mt Qty incl- ②					
@ 174.78/mt					393320
11) PW E/W in Excavation					
a ft etc. do. 15					
13.299 m ³ Qty incl- ②					
80.73 m ³ Qty incl- ①					
94.02 m ³					
@ 269.32/m ³					2532120
12) PW R.C.C. 15 mm thick					
etc. do. 15					
8.07 m ³ Qty incl- ①					
9.04 m ³ Qty incl- ③					
17.11 m ³					
@ 469.42/m ³					8032220
Total					336940020
					EW

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					BWP b 3369400=0
13) P.V. P.C.C. 420 in Sub					
Structure etc. do etc.					
52.448 m ³ Qty n d e f - (3)					
32.07 m ³ Qty n d e f - (4)					
84.578 m ³ @ 5447.69/m ³ b 4604112					
14) P.W. & laying R.C.C. pipe					
N.P.3 600 mm dia etc. etc.					
45 mt Qty n d e f - (4)					
@ 998.65/mt b 4493920					
15) P.W. and fixing informally					
Sign Board with logo					
etc. etc. do etc.					
200 Qty n d e f - (3)					
@ 9222.28/ea etc. b 1844520					
Total b 389319520					
Add L.S. @ 1% b 3893220					
Add G.S.T @ 12% b 46718320					
Total b 439931020					
Deduct @ 10% after agreement					
sub 43993120					
Total b 395937920					
15.3.22					
JE					
CSP					
16/4/22					
Assistant Engineer					
Rural Works Department					
Works Sub-Div. Aurangabad					

Continuation