

3518

NH-10। श्री रामपुर बुनियादि शास्त्रविद्यालय नव

DIVISION

Chappra-2

SUB-DIVISION

4999-MIS MAA Construction.

5/21/22

3518

MEASUREMENT BOOK

22d on A/c Bill

15

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name A Work - Construction					
A Road from NH-101					
Se Rampran Buziyadi					
Bidyalay Tak.					
Name B Agency - M.S. MAA					
Construction.					

App. No - 44 SBD/2019.20.

D.O.C - 6.08.2019

D.O.C - 05.08.2020.

Date of measurement - 20.7.23

① Clearing and grubbing of road L.S.

$$\begin{aligned}
 2 \times 4 \times 30 \times 3.50 &= 840.00 \text{ m}^2 \\
 2 \times 10 \times 3.50 &= 70.00 \text{ m}^2 \\
 \hline
 &910.00 \text{ m}^2 \\
 &= 0.091 \text{ m}^2
 \end{aligned}$$

② Excavation for road

Way in Soil - 10-10

$$\begin{aligned}
 2 \times 4 \times 30 \times 0.525 \times 1.10 &= 12.60 \text{ m}^3 \\
 2 \times 10 \times 0.525 \times 1.10 &= 1.05 \text{ m}^3 \\
 \text{Extra 1.5 m} & \\
 2 \times 1.5 \times 0.525 \times 1.10 &= 1.875 \text{ m}^3 \\
 \hline
 &15.525 \text{ m}^3
 \end{aligned}$$

③ Construction of embankment with material obtained

from borrow pit

do do etc.

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Record Entry					
Date of Entry					
① Construction of sub-grade and earth shoulder					
do do for flexible road.					
for G.S.B.					
2x 30x 30x 1.40x.20					= 504.00 ³
2x 10x 30x 1.39x.20					= 166.80 ³
2x 20x 30x 1.40x.20					= 336.00 ³
2x 11x 30x 1.39x.20					= 183.48 ³
for W.B.M.					
2x 30x 30x 1.20x.075					= 162.00 ³
2x 30x 30x 1.20x.075					= 162.00 ³
2x 11x 30x 1.20x.075					= 59.40 ³
In Reg. of position					
for G.S.B.					
2x 20x 30x.625x.100					= 75.00 ³
2x 6x 30x.625x.100					= 22.50 ³
2x 1x 20x.625x.100					= 2.50 ³
for W.B.M.					
2x 20x 30x.625x.075					= 56.25
2x 6x 30x.625x.075					= 16.875
2x 1x 20x.625x.075					= 1.875
for P.C.C.					
2x 20x 30x.625x.160					= 120.00 ³
2x 6x 30x.625x.160					= 36.00
2x 1x 20x.625x.160					= 4.00
Handwritten					
2x 26x 30x.25x.125					= 48.75
2x 1x 20x.25x.125					= 1.25
Continuation					
Less P.B.II ch4					
					1958.684 ³
					1194.404 ³
					764.284 ³
22/03/23					
22/03/2023					
J.B.					

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
<u>① providing and fixing</u>					
Work B.M.					
vide T.M.B.P - (10)					
03 NIS @ Rs 3783.30 3783.30/100 Pz 11350.00					
<u>② providing and fixing</u>					
R/pillar					
vide T.M.B.P - (10)					
2 NIS @ Rs 1436.76/100 Pz 20841.00					
<u>③ clearing and grubbing</u>					
Area 1000					
vide T.M.B.P - (10)					
and (15)					

$$1.967 \times 0.913$$

$$= 2.05114$$

$$\text{@ Rs } 49174.86/100 \text{ Pz } 100858 =$$

(4) Excavation for road

Way in soil - 40-40
etc.

vide T.M.B.P - (11)

and (15)

$$(240.0 + 15.525)$$

$$= 285.525 \text{ N3}$$

$$\text{@ Rs } 75.43/100 \text{ Pz } 21537.0$$

(5) Construction of embankment
6 material obtained

from borrow pits

40-40 etc.

Continuation

$$\text{@ Rs } 154586.00$$

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
B.P. -					Rs 154586.00
- for Lead -		100	4		
wide T.H.B.P. -				(117)	
(13)					
		(6201.20 + 2373.235)			
		= 8574.43543			
		C.P. 150.70 / 4			Rs 1292167.00
(6) for 1000 H Lead -					
wide T.H.B.P. -				(11)	
and -				(15)	
		(1350.00 + 127.50)			
		1477.5043			

C.P. 179.28 / 4 - Rs 265034.00

(7) Construction of sub-

grade and earthen

shoulder - 40 - 40 ft

wide T.H.B.P. - (11)

and - (24)

(1194.40 + 769.28)

= 1963.6843

C.P. 222.54 / 4 - Rs 435885.00

(8) Constn. of C.C.P. and

- 40 - 40 ft B.T. Potting

wide T.H.B.P. - (11)

and - (9)

(1044.91 + 115.375)

= 1160.28543

Continuation

C.P. 2147672.00

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			B.P.	Pz	2147642.0
	1160	285	43		
	1159	64	43		
	271	4.21		Pz	3147588.0
⑨ providing Laying spreading and compacting W.B.M. m/s - do etc.					
			W.B.M. B.P.	(12)	
			and (19)		
	562	495	43.985		
	606	48	43		
	2955	27		Pz	2398792.0
⑩ providing and apply prime coat.					
			W.B.M. B.P.	(20)	
	8139.00		48.82	Pz	997346.0
⑪ providing and apply tack. coat.					
			W.B.M. B.P.	(20)	
	8139.00		16.32	Pz	132828.0
⑫ providing Laying and a close graded finish surfacing.					
			W.B.M. B.P.	(21)	
	8139.00		245.01	Pz	1994136.0
			W.B.M. B.P.	(10)	218362.0

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			B.F.		2102836.00
(13) construction of C.C.B.					
and to do etc.					
for rigid portion.					
qty. vide T.M.B.					
p - (12)					
65.4657 ³ cfs	2714.21				13177686.0
(14) providing lay'p and					
spread p (200 p.m.m.)					
and etc.					
vide T.M.B. p - (12)					
and (15)					

(228.00 + 3.82)

228.82 m³cfs 3955.27/4³ 1390045.0

(15) construction of un-

reinforced p.c.c. pavement

to do etc.

qty. vide T.M.B.

p - (21)

489.847³

into

489.607³ cfs 7754.03/4³ 13796373.0

(16) Providing and

Laying Brick Solip

to do etc.

vide T.M.B. p - (22)

400 m² cfs 477.27/4³ 190908.00

Continuation

15288374.0

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				B.P. P-15	288374.0
(18) providing and fixing R.C.C. K.M. stone.					
vide T.M.B.P. - (22)					
04 Nos @ P-2257.53/No P-9030.0					
(18) 200 M. stone.					
vide T.M.B.P. - (22)					
(20) 12 Nos @ P-6407.5/No P-7689.0					
(19) providing R.C.C. (H10) beam dry piling - 40					
— above —					
vide T.M.B.P. —					
150 Nos @ P-513.62/No P-77044.0					
(20) providing and fixing 18 retro reflective cautionary mandatory traffic Sign.					
600 MM Circular					
vide T.M.B.P. - (22)					
12 Nos @ P-5618.17/No P-67418.0					
(21) 900 MM equilateral triangle.					
vide T.M.B.P. - (22)					
06 Nos @ P-6263.10/No P-97579.0					
				C.P-15487134.00	

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				B.P. + P	15487134.00
52) 600 mm x 450 mm regular					
wide T.M.B.P. - (22)					
06 Nos Q.P. 5468.04/Ms R					32778.00
53) providing and laying					
A Lot applied thermoplastic compound					
road Marking for B.T. portions.					
wide T.M.B.P. - (22)					393875.00
426.00 m ² C.P. 1027.72/m ²					437809.00
54) providing and laying					
A Lot applied thermoplastic compound for C. portions					
wide T.M.B.P. - (23)					
160.00 m ² C.P. 1027.72/m ²					164435.00
25) providing and laying					
R.C.C. Pipe dia 300					
M.M. dia.					
wide T.M.B.P. - (23)					
and (12)					
75 + 15 = 90 m					
C.P. 885.86/m - P					79727.00
					16157940.00

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					B.P.P. 16157940.00
(26) providing and fixing					
direction and place					
water identification					
Sign.					
vide T.H.B.P. (23)					
01 NR @ 23415.66/MP 3416.00					
(27) providing and fixing					
Logo of M.M.C.S.Y.					
intermediate Sign					
vide T.H.B.P. (23)					
04 NR @ 9916.67/MP 39667.00					
(28) BW in excavation					
10' x 10' trench					
vide T.H.B.P. (12)					
31.32M ³ @ 258.89/17-12 8109.00					
(29) providing P.C.C (416)					
in trench.					
vide T.H.B.P. (13)					
5.70M ³ @ 5373.77/MP 30630.00					
(30) providing BW in CH					
(1:4) in trench.					
vide T.H.B.P. (13)					
27.738M ³ @ 5847.00/17-12 162184.00					
					60P 16401955.00

Continuation

Continuation

Sch.XLV-Form No. 134

Sch.XLV-Form No. 134					Contents of area
Particulars	Details of actual measure				
	No.	L.	B.	D.	
<u>Material statement</u>					
① Stone Metal	—				168.6043
② Stone chips	—				660.6143
③ Coarse sand	—				248.1243
④ Stone screed	—				11.4743
⑤ Bricks	—				2480043
⑥ Fine sand	—				15.0943
⑦ B/W	—				3265.0143
⑧ Bitumen emulsion					
				SS1	6.91843
				PS1	2.23843
⑨ Bitumen S90					15.4643

Working
AG

Drawn
JB

Continuation