

Schedule XLV Form No.-134

BIHAR P.W.D.

GBC Chainia Chouk
to Chishtahali (MR-3054)

513

DIVISION

~~RAHAUL~~

SUB-DIVISION

ADAR

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इस भाषी
पुस्तिका में कुल १०० अक्षर हैं जो
सहायक कमिश्नर, एडम्पूर के निमित्त
किया जाता है।
Adampur

कायपालक अख्यत
श्रीमणि ए. ए. ए. ए.
कार्य प्रमंडल, एडम्पूर
13.7.19

Reissued to Sasikant Singh
J.E Adampur.

Recd.
25.7.19
A.E

Schedule XLV Form No.-134

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

Name of officer _____

Date of first entry _____

Date of last entry _____

1st & Final Bill

1

Name of work-

Situation of work-

Agency by which work is executed-

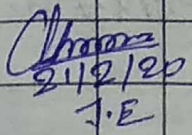
Date of measurement-

No. and date of agreement.

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

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W- GBC Chainia Chowk to Chitthabati					
Agency- A.B. m/s A.B. Buildicon.					
Agmt. No- 150 of 2019-20					
Date of Agmt.- 8/2/2020					
Date of Start- 8/2/2020					
Date of Completion- 7/2/2021					
Date of Actual Completion					
of Work-				4/3/2020	
Date of entry - 21/2/20, 25/2/20, 29/2/20 & 3/3/20					
(1) Clearing and grubbing Road Land- etc					
2 x 10 x 30m x 0.70m =					420m ²
2 x 20 x 30m x 0.70m =					840m ²
2 x 10 x 30m x 0.90m =					540m ²
2 x 10 x 30m x 0.70m =					420m ²
2 x 20 x 30m x 0.60m =					720m ²
2 x 10 x 30m x 0.70m =					420m ²
2 x 6 x 30m x 0.70m =					252m ²
2 x 1 x 22m x 0.70m =					30.80m ²
Total =					3642.80m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F = 3642.80 m ²
					Hence $\frac{3642.80}{10000} = 0.36428$
					= 0.3643 Hect.
2. Construction of Subgrade and					
Cearth Shoulder - etc.					
					2 x 10 x 30 m x 0.70 m x 0.30 = 126 m ³
					2 x 10 x 30 m x 0.85 m x 0.30 = 153 m ³
					2 x 10 x 30 m x 1.10 m x 0.30 = 198 m ³
					2 x 10 x 30 m x 0.95 m x 0.30 = 171 m ³
					2 x 20 x 30 m x 0.70 m x 0.30 = 252 m ³
					2 x 20 x 30 m x 0.75 m x 0.30 = 270 m ³
					2 x 20 x 30 m x 0.70 m x 0.30 = 252 m³
					Total = 1716 m ³
					Limit = 1180.20 m ³
3. Providing GSB Gr-II material					
etc.					
3. P/A Prime Coat with					
Bitumen emulsion (SS-1)					
Qty. Same as WBM Gr-II					
					0.075
					$\frac{291.94}{0.075} = 3892.53 \text{ m}^2$
 21/2/20 J.E.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4. Patch Work over WBM Gr-III					
Using mix seal Surface - etc.					
Qty of WBM Gr-III					
		0.075			
=		$\frac{291.94}{0.075}$			3892.53m ²
5) P/A Tola Coat - etc.					
20 20 x 30 m x 3.75m = 2250m ²					
20 x 30 m x 3.75m = 2250m ²					
20 x 30 m x 3.75m = 2250m ²					
20 x 30 m x 3.75m = 2250m ²					
13 x 30 m x 3.75m = 1462.50m ²					
1 x 20 m x 3.75m = 75m ²					
Total =					
For mss in Patch Ret Area.					
Qty of WBM Gr-III					
		0.075			
=		$\frac{291.94}{0.075}$			3892.53m ²
Total = 144					
Add. Extra for Curve					
8 Nos					
4 x $\left(\frac{5.1m + 4.50 + 3.80}{3} - 3.75 \right)$					
Nos					
x 16m					= 45.86m ²
4 Nos $\left(\frac{5.20 + 4.80 + 3.90}{3} - 3.75 \right)$					
x 17m					= 60.07m ²
					105.92m ²
Total = 14535.96m ²					
Limit = 14535.41m ²					
Checked 25/12/20 J.E					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6. P/L of SDBC 25mm th.					
— ek.					
					$20 \times 30m \times 3.75 \times 0.025 = 56.25m^3$
					$20 \times 30m \times 3.75 \times 0.025 = 56.25m^3$
					$20 \times 30m \times 3.75 \times 0.025 = 56.25m^3$
					$20 \times 30m \times 3.75 \times 0.025 = 56.25m^3$
					$13 \times 30m \times 3.75 \times 0.025 = 36.56m^3$
					$1 \times 20m \times 3.75 \times 0.025 = 1.88m^3$
					Total =
					Add extra for curve
					$4Nos \times 16m \times \left(\frac{5.1 + 4.5 + 3.8}{3} \times 3.75 \right)$
					$\times 0.025 = 1.147m^3$
					$4Nos \times 17m \times \left(\frac{5.2 + 4.8 + 3.9}{3} \times 3.75 \right)$
					$\times 0.025 = 1.50m^3$
					Total = 266.08 m ³
					Limit = 266.07 m ³
					Chhmm 29/2/20 1.E
7. Providing km Stone Post - ek.					
— 4Nos.					
8. Providing 2.0m Stone Post - ek.					
— 10Nos.					
9. Direction and Place identification					
Sign Board - ek.					
					$2Nos \times 1.2m \times 0.80m = 1.92m^2$

Continuation

(11) P/F of Retro reflective Sign Board - etc.

⑪ 600mm Circular
— 12 Nos

(iii) 600 x 450 mm rectangular
— 8 Nos

(12) Providing Boundary Pillar
— 72 Nos.

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Printing New Letters - etc.					
	9	176	= 1584	Per cm height	
				Per letter.	
(14) Planting of Trees and their maintenance for one year					
— 130 Nos.					
(15) Road marking - etc.					
AT Edge of RT Surface					
$2 \times 20 \times 0.10 \text{ m}$					
$2 \times 20 \times 30 \text{ m} \times 0.10 \text{ m}$					120 m^2
$2 \times 20 \times 30 \text{ m} \times 0.10 \text{ m}$					120 m^2
$2 \times 20 \times 30 \text{ m} \times 0.10 \text{ m}$					120 m^2
$2 \times 20 \times 30 \text{ m} \times 0.10 \text{ m}$					120 m^2
$2 \times 13 \times 30 \text{ m} \times 0.10 \text{ m}$					78 m^2
$2 \times 20 \text{ m} \times 0.10 \text{ m}$					42 m^2
Pedestrian Crossing					
$12 \text{ Nos} \times 2 \text{ m} \times 0.50$					12 m^2
Total					574 m^2
16. P/F of Typical Logo of Project					
Sign board - etc.					
Logo of Project - 2 Nos					
Maintenance Board - 1 No					
Total					3 Nos.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Brick masonry with Cm (1:3) in Parapet					
	2	6m	0.40	0.60	2.88m ³
(18) Plastering with Cm (1:4)					
Side face	4	6	0.60m		14.40m ²
Top of	2	6m	0.40m		4.80m ²
Front face	4	0.40	0.60m		0.96m ²
					Total = 20.16m ²
(19) Painting Two Coat on new Concrete Surface					
Side face	4	4	0.60m		9.60m ²
Top	2	4	6.0m		48.0m ²
Front	4	0.40	0.60		0.96m ²
					Total = 58.56m ²
Cham 3/3/20 J.E					
Cham 4/3/20 A.E					

Continuation

Abstract of Cost

① Clearing and grubbing
sod land — etc.

TMB Pg. No. 2(1) — 0.36 Ha

@ Rs 49496.70/- = Rs 17819 = ∞

② Construction of Subgrade
and earthen shoulder — etc.

TMB Pg. No. 2(2) — 1180.20 m³

@ Rs 176.47/- = Rs 208270 = ∞

③ Const. of GSB Gr-II
material — etc.

MB No. 514, Pg. No. () — 175.83 m³

@ Rs 2136.37/- = Rs 375638 = ∞

Continuation

← Total = Rs 601727 = ∞

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F = Rs 601727 = ∞
④ P/L/S/C of WBM Gr-II					
TM B No. 514, Pg. No. () - 177.40 m ³					
@ Rs 3885.85/-					= Rs 689350 = ∞
⑤ P/L/S/C of WBM Gr-III					
TM B No. 514, Pg. No. () - 291.94 m ³					
@ Rs 3576.67/-					= Rs 1044173 = ∞
⑥ P/A of Prime Coat - etc.					
TM B Pg. No. 2(3) - 3892.53 m ²					
@ Rs 41.43/-					= Rs 161268 = ∞
⑦ Patch Work over WBM with mix Seal Surfacing					
TM B Pg. No. 3(4) - 3892.53 m ²					
@ Rs 203.44/-					= Rs 791896 = ∞
⑧ P/A Tack Coat - etc.					
TM B Pg. No. 3(5) - 14535.41 m ²					
@ Rs 14.04/-					= Rs 204077 = ∞
⑨ P/L of SDBC 25mm th. — etc.					
TM B Pg. No. 4(6) - 266.07 m ³					
@ Rs 13157.76/-					= Rs 3500885 = ∞
Total =					Rs 6993376 = ∞

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F=R ₆	6993	376=00
10. Providing km Stone - etc.					
TMB Pg. No. 4(7) - 4 Nos					
@ R 2583.79/-					= R 10335 = 00
(11) Providing 200m Stone Put.					
TMB Pg. No. 4(8) - 10 Nos					
@ R 679.73/-					= R 6797 = 00
(12) Direction and Place identification Sign Board - etc.					
TMB Pg. No. 4(9) - 1.92 m ²					
@ R 13161.04/-					= R 25269 = 00
(13) Painting two Coat on Parapet Wall of C.D					
TMB Pg. No. 5(10) - 126.72 m ²					
@ R 96.40/-					= R 12216 = 00
(14) P/F of Retro reflective Sign Board - etc.					
(i) 600 mm Equilateral Triangle					
Q = 12 Nos					
@ R 3786.98/-					= R 45444 = 00
(ii) 600 mm Circles - etc.					
Q = 12 Nos					
@ R 5101.00/-					= R 61212 = 00

Continuation

Total = R 7154649 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F = Rs 7154649=∞
(iii) 600x450 mm rectangular					
Q = 8 Nos					
@ Rs 4400.31/-					= Rs 35202=∞
(15) Providing Boundary Pillor — etc.					
TMB Pg. No. 5(12) — 72 Nos.					
@ Rs 539.59/-					= Rs 38850=∞
(16) Printing New Letter — etc.					
TMB Pg. No. 6(13) — 12584					
@ Rs 0.50/-					= Rs 792=∞
(17) Planting of Trees — etc.					
TMB Pg. No. 6(14) — 130 Nos					
@ Rs 800.30/-					= Rs 104039=∞
(18) Road marking — etc.					
TMB Pg. No. 6(15) — 574 m ²					
@ Rs 742.75/-					= Rs 426339=∞
(19) P/F of typical Logo of Project — etc.					
TMB Pg. No. 6(16) — 3 Nos					
@ Rs 11497.13/-					= Rs 34491=∞
(20) Brick masonry with (m(1:3)					
TMB Pg. No. 7(17) — 2.88 m ³					
@ Rs 6070.48/-					= Rs 17483=∞

Continuation

Total = Rs 7811845=∞

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F = Rs 7811845 = ∞
21. Plastering with C.M (1:4)					
TM B P. No. 7 (18) -					20.16 m ²
@ Rs 178.97/-					= Rs 3608 = ∞
22. Painting two coat - etc.					
TM B P. No. 7 (19) -					58.56 m ² 9.60 m ²
@ Rs 108.98/-					= Rs 6382 = ∞
Total =					Rs 7821835 = ∞
Add 1% L.Cess =					Rs 78218 = ∞
Add 12% GST =					Rs 938620 = ∞
Total =					Rs 8838673 = ∞
Less 0.81%					= Rs 18561 = ∞
Total =					Rs 8820112 = ∞

Chrom
4/3/20
J.E

Chrom
4/3/20
A.E
C.P.
4/3/20
E.E

The work has been completed
as per Specification on 4/3/20

Chrom
4/3/20
J.E

Continuation