

27/11/65

Construction of road

Schedule XLV-Form No. 134

from Dewsthan Hazi Bishu

to 1034

DIVISION

21/11/65 21/11/65 21/11/65 21/11/65

SUB-DIVISION

21/11/65 21/11/65 21/11/65 21/11/65

MEASUREMENT BOOK

744

27/11/65 → Krishorekya Singh

प्रमाणित किया जाता है, कि
 इस मसौदा में कुल 100 एक सं
 प्रकट मंजूर है जिस सहायक अधिकारी
 प्रमाणित कर दिया गया, और मजदूर
 के नाम से चिनि किया
 जाता है

13.12.21
 Executive Engineer
 Road Division
 Jammu
 13/12/21

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2nd & Final Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Const. of road from Devi'sham Hazi Bigha to L034.					
Agency - Kishor Kumar Singh.					
Agreement No - 84/887/mma/gg/21-22					
Date of commencement - 24.2.21					
Date of completion - 23.2.22					
Date of measurement - 14.4.22					
① Roadway 67.5 B. gr - I m.					
3x535m x 0.50m x 0.100m =					53.50
3x345m x 0.375m x 0.100m =					25.88
Leveling 1x85m x 2.75m x 0.100m =					23.65
					103.03 m ³
② Roadway W.B.M gr - II m.					
4x25m x 3.75m x 0.075m =					28.125
4x25m x 3.75m x 0.075m =					28.125
4x25m x 3.75m x 0.075m =					28.125
4x25m x 3.75m x 0.075m =					28.125
4x25m x 3.75m x 0.075m =					28.125
1x35m x 3.75m x 0.075m =					9.844
2x345m x 0.375m x 0.075m =					19.406
2x10x8.25m x 0.075m =					12.375
					187.25 m ³
③ Const. of leather shoulder.					
1000m length					
2x880m x 0.375m x 0.160m =					105.60
2x880m x 0.375m x 0.075m =					49.50
					155.10 m ³

Continuation

Date of measurement	25-5-22
① Boulding	M98 (type B)...
$8 \times 25 \text{ m} \times 3.75 \text{ m}$	$= 750.00 \text{ m}^2$
$8 \times 25 \text{ m} \times 3.75 \text{ m}$	$= 750.00$
$8 \times 25 \text{ m} \times 3.75 \text{ m}$	$= 750.00$
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$8 \times 25 \text{ m} \times 3.75 \text{ m}$	$= 750.00$
$8 \times 25 \text{ m} \times 3.75 \text{ m}$	$= 750.00$
$12 \times \frac{10.0}{2} \text{ m} \times \frac{2.0}{2} \text{ m}$	$= 120.00$
	<u>6120.00 m^2</u>
② Prime coat	$= 6120.00 \text{ m}^2$
③ Tack coat	$= 6120.00 \text{ m}^2$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Const. of C.C. pavement m/s...					
4x2.5m x 3.75m x 0.16m =					60.00 ^m
4x2.5m x 3.75m x 0.16m =					60.00
4x2.5m x 3.75m x 0.16m =					60.00
4x2.5m x 3.75m x 0.16m =					60.00
4x2.5m x 3.75m x 0.16m =					60.00
4x2.5m x 3.75m x 0.16m =					60.00
4x2.5m x 3.75m x 0.16m =					60.00
4x2.5m x 3.75m x 0.16m =					60.00
4x2.0m x 3.75m x 0.16m =					48.00
8x8.25m x $\frac{0+2.0}{2}$ x 0.16m =					10.56
					538.56 ^m

⑤ Km stone — 4 Nos.

⑥ 200m stone — 12 Nos.

⑦ Providing 'Logo' of Project — 4 Nos.

⑧ Traffic sign.

⑨ 600mm eq. Frangible — 20 Nos.

⑩ 600mm circulars — 2 Nos.

⑪ 800mm x 600mm rectangular — 6 Nos.

⑫ 600mm x 450mm rectangular — 6 Nos.

⑬ 900mm side octagon — 2 Nos.

⑭ Road marking on B.T. surface.

$$2 \times 1600m \times 0.100m = 320.00 m^2$$

⑮ Road marking on concrete surface

$$3 \times 880m \times 0.100m = 176.00 m^2$$

⑯ Planting of tree — 40 Nos.

Planned
25.4.22
JE

Continuation

Checked
25/4/22
AR

material statement

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item	Sand chips	metal	Return		
① G.B.					
103.03	39.56	-	92.30		
② W.B.M. trail					
182.25	43.74		220.52		
③ C.C. pavement					
538.56	242.35		484.70		
④ M.B.					
6120.0					3-90
⑤ Prime coat					
	65.24	-	11		62.8 at
					53-1
6120.0					5.200 mt
⑥ Tack coat					
					R.B-I
6120.0					1.683 mt
Total	221.91		693.60		
			312.82		
Delto.	155.10				
	66.00				
	221.10				mt?
⑦ Shaving					
25.5.22					
85					

Continuation

ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) Setting out pillars.					
(i) Bench mark pillars.					
3 Nos. 8-10					
@ 3648 = 11 each = ₹					10,944=00
(ii) Reference pillars.					
9 Nos. 8-10					
@ 1666 = 69 each = ₹					15,000=00
(2) Clearing & grubbing.					
1.74 Ha 8-10					
@ 52966 = 72/Ha = ₹					92,162=00
(3) Bore cutting.					
306.78 m ² 8-10					
@ 74 = 23/m ² = ₹					22,772=00
(4) Const. of embankment by locally setting.					
184.07 m ³ 8-10					
@ 26 = 17/m ³ = ₹					4,817=00
(5) Const. of embankment with 100 m lead.					
5058.42 m ³ 8-10					
@ 142 = 26/m ³ = ₹					719,611=00
(6) Const. of embankment with 1000 m lead.					
2712.63 m ³ 8-10					
@ 187 = 92/m ³ = ₹					509,757=00

13,75,063=00

Continuation

Continuation

5631,398=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑪ Prime coat					
6120.00 m ² P-16					
@ 43 = 09/m ² = ₹					263,711=00
⑫ Tack coat					
6120.00 m ² P-16					
@ 14 = 88/m ² = ₹					91,066=00
⑬ M. S.S (Type 8)					
6120.00 m ² P-16					
@ 183 = 11/m ² = ₹					11,20,633=00
⑭ Cons. of C.C.					
Pavement 1130 m ²					
538.56 m ² P-17					
@ 5722 = 60/m ² = ₹					308,1963=00
⑮ Km stone					
① 4 Nos. P-17					
@ 1973 = 2.5 each = ₹					7,893=00
② 200 m stone					
12 Nos. P-17					
@ 560 = 95 each = ₹					6,731=00
⑯ Roadway 'Log' & 'Poth'					
4 Nos. P-17					
@ 9467 = 95 each = ₹					47,340=00
⑰ Traffic Sign					
① 600mm sq. Triangle					
20 Nos. P-17					
@ 3599 = 60 each = ₹					71,992=00

103,22,727=0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 600mm circulars.					
2 Nos. P-17					
@ 4824=45 each					9,649=00
(iii) 800mm x 600mm rectangular					
6 Nos. P-17					
@ 6,724=42 each					40,347=00
(iv) 600mm x 400mm rectangular					
6 Nos. P-17					
@ 4699=07 each					28,194=00
(v) 900mm side octagon.					
2 Nos. P-17					
@ 8576=17 each					17,152=00

(18) Road marking on B.T. surface.					
320.00 m ² P-17					
@ 721=90/m ²					231,008=00
(19) Road marking on concrete surface.					
176.00 m ² P-17					
@ 810=70/m ²					142,683=00
(20) Plinth of Free					
40 Nos. P-17					
@ 844=36 each					33,774=00
(21) 8/10 in. cautions					
150.52 m ³ P-11					
@ 279=09/m ³					42,009=00

10867,543=00

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(22) Paving PCC m ² in 24.10 m ² P-11				
@ 4535=83/m ² ₹				109,314=00
(23) Paving PCC m ² in in Sub. str.				
165.30 m ² P-12				
@ 5237=79/m ² ₹				865,807=00
(24) Paving on Parapet 107.52 m ² P-12				
@ 100=76/m ² ₹				10,834=00
(25) Paving 1000mm dia. N.P. H.P.				
30.00 m P-12				
@ 3946=53/m ² ₹				118,396=00
(26) Paving 600mm dia. N.P. H.P.				
15.00 m P-12				
@ 2154=96/m ² ₹				32,324=00
(27) Paving laying 300mm dia. H.P.				
90.00 m P-12				
@ 940=97/m ² ₹				84,687=00
(28) Discontinuing of PCC				
2.01 m ³ P-12				
@ 496=96/m ³ ₹				999=00
				120,89,904=00

Continuation

12089.904700

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