

MMHSY - NDB - BRP - 673
Karmain Ghusa Road to Belbigha 1.500 km

Schedule XLV Form No. 134.

Below + 1.77 %.

Shergahati

DIVISION

Ghusa

SUB-DIVISION

M/S Maa Shanti construction

Measurement Book

Ag. no. 14. SBD-2024-25

1505

(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.	
	Head	(NDB) kmhwy			
Name of work	Constn of road from	Kormaine -			
Curva Road	Trated begha 2200m Road	bel begha.			
	to Hathi				
Agency -	M/S. nara shanti construction				
	Arjun Kumar Singh				
	Sri Ram begha - Curva, Dist. Gaya.				
Agreement No -	14 SBD/2024-25				
Date of Agreement	24-10-2024				
Before INDEX	23-10-2025				
date of survey -	1.77%				

(1)	providing & fixing of working benchmark pillars + nobs / km. dist.		
	02 nobs		
(2)	Reference pillars dist.		
	06 nobs		
(3)	clearing & grubbing road land dist.		
	$2 \times 10 \times 30 \times 1.20$	$=$	$720 m^2$
	$2 \times 10 \times 30 \times 1.20$	$=$	$720 m^2$
	$2 \times 10 \times 30 \times 1.20$	$=$	$720 m^2$
	$2 \times 10 \times 30 \times 1.20$	$=$	$720 m^2$
	$2 \times 10 \times 30 \times 1.20$	$=$	$720 m^2$
	$2 \times 10 \times 30 \times 1.20$	$=$	$720 m^2$
			<u>$3600 m^2$</u>

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24	1150	4.178	3.093	50	$= 154.625 \text{ m}^3$
25	1200	1.984	3.093	50	$= 154.275 \text{ m}^3$
26	1210	4.782	3.382	50	$= 169.150 \text{ m}^3$
27	1300	3.895	4.339	50	$= 216.425 \text{ m}^3$
28	1350	4.859	4.322	50	$= 218.850 \text{ m}^3$
29	1400	5.449	5.154	50	$= 257.200 \text{ m}^3$
30	1450	8.350	6.900	50	$= 344.925 \text{ m}^3$
31	1500	4.813	6.582	50	$= 329.025 \text{ m}^3$
					$T = 5700.457 \text{ m}^3$
80% volume of E/W = 4560.36 m^3					
deduction for B/LW of subgrade (-) 3810.9 m^3					
Total E/W of E/W = 749.172 m^3					
Less up to 1000 mm 20% = 224.23 m^3					
Less up to 1000 mm 20% = 524.37 m^3					
(2)	Centre of subgrade and				
	Gentle shoulders of road				
	$10 \times 30 \text{ m} \times 7.104 \times 6.80 \times 0.30 = 625.5 \text{ m}^3$				
	$10 \times 30 \text{ m} \times 6.80 + 6.50 \times 0.30 = 598.5 \text{ m}^3$				
	$10 \times 30 \text{ m} \times 6.50 + 6.80 \times 0.30 = 598.5 \text{ m}^3$				
	$3 \times 30 \times 6.80 + 6.50 \times 0.30 = 1790.5 \text{ m}^3$				
(A)	$1 \times 10 \text{ m} \times 6.50 \times 0.30 = 19.5 \text{ m}^3$				
(B)	for 1000 mm to 1500 mm Area shoulder.				
	for shoulder				
	$10 \times 30 \text{ m} \times 1.250 \times 0.30 = 112.5 \text{ m}^3$				
	$10 \times 30 \text{ m} \times 1.250 \times 0.30 = 112.5 \text{ m}^3$				
	$10 \times 30 \text{ m} \times 1.250 \times 0.30 = 112.5 \text{ m}^3$				
	$3 \times 30 \text{ m} \times 1.250 \times 0.30 = 33.75 \text{ m}^3$				
	$1 \times 10 \text{ m} \times 1.250 \times 0.30 = 3.75 \text{ m}^3$				
	$T = 2396.5 \text{ m}^3$				
(A) Level up to 1000 mm = 718.8 m^3					
(B) Level up to 1000 mm = 1677.2 m^3					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					2396.5 m^3
Sub base for B.T. Surf					
total = 2071.5 m^3					
$2071.5 \text{ m}^3 \times 70\%$ 1000 lead					
(A) = 1450.05 m^3					
(B) Lead up to 1000m					$20\% = 606.45 \text{ m}^3$
(C) Shallow lead up to 1000m					$20\% = 2021.75 \text{ m}^3$
					$= 375 \text{ m}^3$
(10) Length of G.S.B. type					
Material - do etc					
1 X 30m X 4.80 + 4.05 X 0.200					$= 26.55 \text{ m}^3$
10 X 30m X 4.05 X 0.200					$= 243 \text{ m}^3$
10 X 30m X 4.05 X 0.200					$= 243 \text{ m}^3$
10 X 30m X 4.05 X 0.200					$= 243 \text{ m}^3$
2 X 30m X 4.05 X 0.200					$= 48 \text{ m}^3$
1 X 10m X 4.05 X 0.200					$= 8.1 \text{ m}^3$
for CC surface Area					
10 X 30m X 3.75 X 0.100					$= 112.5 \text{ m}^3$
5 X 30m X 3.75 X 0.100					$= 56.25 \text{ m}^3$
1 X 30m X 3.75 X 0.100					$= 11.25 \text{ m}^3$
1 X 20m X 3.75 X 0.100					$= 7.50 \text{ m}^3$
					$T = 999.15 \text{ m}^3$
(11) Provision & fixing					
Logo Board of project					
manufy. information					
& Technical ISI Board - do					
02 No.					

6/1/2025
32.

Continuation

6/1/2025

Est on Running Bill-

7

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	ABSTRACT of COST				
(1) Providing & fixing of working bench work					
filler & dundo					
Qty vide Tmap.1					
item 1					
0.2 Nos @ 4272.86 / each =					8546.20
(2) Providing & fixing working bench work					
dundo Qty vide					
Tmap.1 item 2					
0.6 Nos @ 1966.84 / each =					11801.20
(3) clearing & rubbishy road level dundo					
Qty vide Tmap.1					
item no 3					
0.36 Hect - @ 7674.02 / Hect =					27701.20
(4) Constn of Embankment with material obtained from borrow pits do					
Qty vide Tmap-3/4					
item 8					
2.24.73 m ³ @ 158.97 / m ³ =					35725.20
(5) Constn of Embankment - dundo					
Lead up to 100 m Qty vide Tmap-3/4 item no 8					
524.37 m ³ @ 258.97 / m ³ =					135665.20
Total Rs =					219438.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1st Rs: 2767794=0
(10/32)					Exc in excavation
					in foundation
					Qty vide TMBP-2.
					item no. 4
	46.99 m ³	405.80/m ³			Rs: 19089=0
(11/33)					provisioning misgale
					pcc (1:2:5) as
					leveling course
					Qty vide TMBP-2
					item no. 5
	6.16 m ³	5611.55/m ³			= 34578=
(12/34)					provisioning concrete
					for plain/reinforced
					concrete in open form
					Qty vide TMBP-2
					item no. 6
	45.495 m ³	6022.22/m ³			= 273983=
(13/35)					provisioning & laying
					reinforced cement
					concrete N/3 pipe
					600mm dia
					Qty vide TMBP-2
					item no. 7
	22.5 m	3181.52/m			= 71584=
					Total = 3169008=

Continuation

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