

Schedule XLV Form No. 134.

Executive Engineer RWD.

DIVISION
Telharni

Assistant Engineer

SUB-DIVISION
Telharni

Measurement Book

940

24.5.94

1ST R/N ON MC 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.	
Name of Work :- Construction of Road					
From West Dangi Tola to 2023					
Under MMGSY (SC) Scheme.					
Agreement No. - 31-SBD/MMGSY-SC/2021-22					
Name of Agency: - Dharamveer Kumar					
Village - Tapa, Post - Nepa, Tekari Gayer					
Date of Work starts: - 26.10.21					
Date of completion: - 25.10.22					
Date of Measurement: - 15.05.22					

Work done					
① Construction of Benchmark and reference pillar -- all complete					
② Construction of working benchmark					
For Total Length of Road = 1.183 Km					
(ii) Construction of reference pillar					
For Total Length of Road = 1.183 Km					
③ Clearing & grubbing road land & uprooting vegetation grass - E2					
30 x 30.00m x 7.00 m	=	6300.00m ²			
9 x 30.00m x 6.50 m	=	1755.00m ²			
1 x 13.00 x 6.50 m	=	84.50m ²			
					8139.50m ²
8139.50m ² ÷ 10,000	=	0.814			
					Hectare

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ Construction of embankment					
with soil obtained from borrow					
pits with 100m lead & 100m					
lead & lift -- etc all complete					
E/w calculation as per Cross Sectional					
Area as graph sheet	Calculate Volume				
Chainage	Area Filling	Area Mean	Distance	=	Volume.
0	2.28	—	0	—	0
50	2.32	2.30	50	=	115.00
100	2.48	2.40	50		120.00
150	2.34	2.41	50		120.50
200	2.30	2.32	50		116.00
250	2.28	2.29	50		114.50
300	2.38	2.33	50		116.50
350	2.42	2.40	50		120.00
400	2.56	2.49	50		124.50
450	2.62	2.59	50		129.50
500	2.48	2.55	50		127.50
550	2.56	2.52	50		126.00
600	2.64	2.60	50		130.00
650	2.46	2.55	50		127.50
700	2.34	2.40	50		120.00
750	2.48	2.41	50		120.50
800	2.64	2.56	50		128.00
850	2.62	2.63	50		131.50
900	2.54	2.58	50		129.00
950	2.42	2.48	50		124.00
					2340.50

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					2340.50
950	2.42	—	—	—	—
1000	2.64	2.53	50	=	126.50
1050	1.46	2.05	50	=	102.50
1100	1.24	1.35	50	=	67.50
1150	1.36	1.30	50	=	65.00
1183	0.94	1.15	33	=	37.95
					2739.95
(i) Construction of embankment with					
100 m lead & lift E/W					
70% of Total Quantity					
$2739.95 \text{ m}^3 \times 70\% = 1917.97$					
m ³					
(ii) Construction of embankment with					
1000 m lead & lift E/W					
30% of Total E/W Quantity					
$2739.95 \text{ m}^3 \times 30\% = 821.98 \text{ m}^3$					
(4) Construction of Subgrad					
with approved material of					
Dol. - all complete - jts					
$1 \times 30 \text{ m} \times 7.98 \text{ m} \times 0.30 = 71.82 \text{ m}^3$					
$30 \times 30 \text{ m} \times 7.98 \text{ m} \times 0.30 = 2154.60 \text{ m}^3$					
2226.42 m ³					
(5) P/V & Construction of Granular					
Sub base with gr. material					

Continuation

ABSTRACT OF COST	
Date of Entry :-	08-07-22
① Setting out - construction of Working Benchmark - E/c	
Qty. side P-1 item (i) =	1.183 Km
CR	3723 = 33/km — R 4405 = ∞
② Construction of reference pillar	
Qty. side P-1 item (ii) =	1.183 Km
CR	1688 = 89/km — R 1998 = ∞
③ Clearing & grubbing road land	
Qty. side P-1 item (2) =	0.814 Hectare
CR	52998.20/Hectare — R 43140 = ∞
R 49543 = ∞	

Scanned with CamScanner

B.P. - Rs 4954320

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/5) Construction of embankment with soil 100m lead E/W - B/P					
Qty: side P-3' in 3' = 1917.97m ³					
CB 154.58/m ³ — B 296480=					
(5/4) Construction of embankment with soil 1000m lead E/W					
Qty: side P-3' in 3' = 821.98m ³					
CB 192.03/m ³ — B 157845=					
(6/6) Construction of Subgrade with soil — all length as per plan					
Qty: side P-3' in 3' = 2226.42m ³					
CB 176.64/m ³ — B 393271=					
(7/7) P/O Construction of Gravel Sub base with gr. material					
Qty: side P-4' in 5' = 729.00m ³					
CB 1605.98/m ³ — B 1170759=					
					B, 2067898=
Add 12% for GST — (+) B 248148=					
Add 1% for Labourers — (+) B 20679=					
Add Site storage fee — (+) B 30,000=					
					B, 2366725=
Less 0.11% Below Appx against — B 2603=					
					B, 2264122=

(M) 03/07/22
JE

Continuation

CEP
03/07/22