

Wes + Dangi to 20:23

PIMG54/50

Schedule XLV Form No. 134.

Executive Engineer Rwd.

DIVISION

Tekari

Assistant Engineer

SUB-DIVISION

Tekari

Measurement Book

940

21.5.94

5th and final bill

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Sch. XLV-Form No. 134

[illegible]

Measurement

① comp. of embankment
with material obtained

from borrow/pits

① const. of granular subbase
do

2	$\times 30$	$\times 3.75$	$\times 0.10$	22.50 m
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$$1 \times 17 \times 3.75 \times 0.102 = 6.375 \text{ m}$$
$$1 \times 30 \times 0.50 \times 0.20 = 3.0 \text{ m}^3$$

Total	31.875m ³
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② WBM gr-II

Providing, Laying, spreading

and compacting stone.

aggregates	do
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$$2 \times 30 \times 3.75 \times 0.075 = 16.875 \text{ m}^3$$

1x17x 3.75x 0.075 4.781m

$$1 \times 30 \times 0.50 \times 0.075 = 1.125 \text{ m}$$

~~Total 22.781m~~

1X30X3.75X0.075 = 8.437m

Continuation

$$\frac{n}{\text{Total}} = 31.218 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	Hs	L	B	D	
(3) Const. of subgrade and earthen shoulder					
27	3173.07	1.75	0.08		178.56m ³
27	3173.07	1.35	0.20		552.79m ³
278	3173.07	1.75	0.16		9.0m ³
2730	3173.07	1.40	0.10		72m ³
			Total		842.16m ³
(4) Const. of unreinforced plain cement concrete pavement					
3	5	3.75	0.16		9.0m ³
30	(3.15 + 4.0)		0.16		18.60m ³
30	(3.75 + 3.70)		0.16		17.88m ³
30	(3.7 + 4.0)		0.16		18.48m ³
30	4		0.16		19.20m ³
19	(4 + 4.50)		0.16		12.92m ³
30	3.80		0.16		18.24m ³
30	(3.8 + 3.0)		0.16		16.32m ³
28	(3.0 + 3.10)		0.16		13.64m ³
			Total		144.304m ³
(5) Laying cement concrete					
pipe 18-3					50.8m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Kilometer stone					
(i) ordinary kilometer stone				ent =	3 No.
(ii) 200 m stone				ent =	4 No.
(7) Boundary pillar					
do				ent =	23 No.
(8) Providing & fixing of					
typical masonry					
informatory sign					
board with logo				ent =	3 No.
(9) Retro-reflectorised					
traffic sign					
do					
(i) 600 mm circular				ent =	2 No.
board					
(ii) 600 mm equilateral				ent =	10 No.
triangle					
(iii) 600 mm x 450 mm					
rectangular board				ent =	6 No.
(10) Road marking on					
BT cuttable					
do					
2 X 930 X 0.10				=	186 m ²
(11) Road marking on c/c portion					
do				ent =	48.40 m
2 X 242 X 0.10				=	
(12) Brick siding					
do					
12 X 242 X 0.50				=	121 m ²

G Singh
30/03/24
JE

15/04/24
Continuation
AE

Continuation

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① const. of working bench mark					
do					
amt = 1.183 Km P-①⑦					
ctm-① @ Rs 3723.33 =					
				Rs	4405 =
2. const. of reference pillar					
do					
amt = 1.183 Km P-①⑦					
ctm-② @ Rs 1688.89 =				Rs	1998 =
3. clearing & grubbing road land					
do					
amt = 0.814 Hect					
P-①⑦ ctm-③					
@ Rs 52998.20 =				Rs	43140 =
④ const. of embankment					
do					
amt = 1917.97 m ³					
P-①⑦ ctm-④					
@ Rs 154.58 = Rs					296480.
⑤ const. of embankment with soil					
do					
amt = 821.48 m ³ P-①⑦					
ctm-⑤ @ Rs 192.03 =				Rs	157845 =

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ const. of subgrade & earthen shoulder do					
amt =	2226.42	m ³	P-18		
itm-⑥ + amt	842.76	m ³			
P-②③ itm-③					
=	2226.42 + 842.76				
=	3069.18	m ³			
@ Rs 176.64/m ³					Rs 5421402
⑦ P.V. & const. of granular subbase—do—					
amt =	825.75	m ³			
P-①⑧ itm-⑦					
+ amt	31.875	m ³	P-②③		
itm-①					
=	825.75 + 31.875				
=	857.625	m ³			
@ Rs 1605.98/m ³					Rs 13773292
⑧ Providing, laying, spreading and compacting stone aggregates—do—					
amt =	302.062	m ³			
P-①⑧ itm-⑧ (+)					
amt =	31.218	m ³	P-②②		
itm-②					
=	302.062 + 31.218				
=	333.28	m ³			
@ Rs 2246.32/m ³					Rs 7486542

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Prime coat					
do					
amt = 3555.72 m ²					
P- (19) itm - (9)					
@ Rs 41.31 = Rs 146887 =					
(10) Tack coat					
do					
amt = 3555.72 m ²					
P- (19) itm - (10)					
@ Rs 14.29 = Rs 50811 =					
(11) Mix seal surfacing					
ms s do					
amt = 3555.72 m ²					
P- (19) itm - (11)					
@ Rs 165.06/m ² = Rs 586907 =					
(12) Const. of unreinforced plain cement concrete pavement					
do					
amt = 1441.304 m ³					
P- (23)					
itm - (4) @ Rs 5414.79 = Rs 781376 =					
Rs 732643 =					
(13) Laying cement concrete pipe NP-3					
do					
amt = 50 Rm P- (23)					
itm - (5) @ Rs 721.14 = Rs 36057 =					
(14) Kilometer stone					
(i) ordinary Kilometer stone					
do					
amt = 3 No. P- (24)					
itm - 6 (i) @ Rs 1991.44 = Rs 5974 =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 200 m stone — do — ant = 4 No. P- (24) itm = 6 (ii) @ Rs 513.91 = Rs 2296 =					
(15) Boundary pillar do — ant = 23 No. P- (24) itm = 7 @ Rs 516.42 = Rs 11878 =					
(16) Providing & fixing of 19 typical masonry informatory sign board with logo do — ant = 3 No. P- (24) itm = 8 @ Rs 9223.01 = Rs 27669 =					
(17) Retro-reflectorised traffic sign do — (i) 600 mm circular 24 board — do — ant = 2 No. P- (24) itm = 9 (i) @ Rs 4560.13 = Rs 9120 =					
(ii) 600 mm equilateral 29 triangle — do — ant = 10 No. P- (24) itm = 9 (ii) @ Rs 3379.80 Rs 33798 =					
(iii) 600 mm x 450 mm rectangular 23 board — do — ant = 6 No. P- (24) itm = 9 (iii) @ Rs 4439.30 = Rs 26636 =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) Road marking on BT surface	24		do		
185.920 ant = 186m ² P- (24)					
itm - (10) @ Rs 735.89 =					
				Rs	136817 =
(19) Brick piling					
(19) Road marking on c/c portion	25		do		
ant = 48.40m ² P- (24)					
itm - (11) @ Rs 870.17 =					
				Rs	42116 =
(20) Brick piling					
13 do					
ant = 121m ² P- (24)					
itm - (12) @ Rs 459.43 =					
				Rs	55591 =
Total Rs					5125924 =
Add GST-12% (+) Rs					615111 =
Add labour @ 1% (+) Rs					51259 =
Add Seigniorage fee (+) Rs					74365 =
Total Rs					5866659 =
Less 0.11% below Rs per agreement (-) Rs					6453 =
Total Rs					5860206 =
Less previous bill amount (-) Rs					4214483 =
Total Rs					1645723 =
Gaining 30/03/24 JE					
15/04/24 AE					

Continuation