

Name of work - MIMDSY(SC) કાલકારિ PMDSY રોડ દાહર
સ્કૂલ પાલાપુર રોડ પુનાલા પાલાપુર દાહર તાલુકો

Schedule XLV-Form No. 134

D/SBD
2021-22

Danapur

DIVISION

Name of A.E. - Sri Somaru Ramn,

SUB-DIVISION

Danapur

M.B No-1447

MEASUREMENT BOOK

Name of Agency -

કલકારિ યુનિટ

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:- PMGICH Road high school					
panapure to puvana panapure to					
tote.					
Agency:- Andulu km.					
Agreement:- 01/SRD/2021-22					
Date of start:- 12.5.2021					
Date of Completion:- 11.5.2022					
Date of Entry:- 5.6.2024					
INDEX					
LVC:-					

2.20	3.50	0.50			20	160.00
2.20	3.50	0.50			20	160.00
① Const of B.M. & Reference pillar						
3.20	1.20	1.00			20	80.00
② Cleaning & Graveling of Road land						
1.00	1.00	3.00			20	180.00
2.90	3.00	3.50			20	609.00
1.90	2.00	3.50			20	140.00
1.00	2.00	3.50			20	84.00
2.00	1.00	3.50			20	140.00
0.90	3.00	3.50				189.00
③ Const of Embankment						
10	1	8			on	0.9144

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Chaining	K.A.	M.A.		Dist	200
0	1.154				120.10
50	0.869	1.0115		50	50.525
100	2.142	1.502		50	75.40
150	1.894	2.0205		50	101.025
200	3.684	2.789		50	139.94
250	4.06	3.222		50	193.60
300	1.154	2.602		50	130.815
350	0.869	1.0115		50	80.525
400	2.142	1.502		50	75.40
450	1.894	2.0205		50	101.025
500	3.701	2.7975		50	139.875
550	3.426	3.562		50	128.125
600	1.154	2.29		50	114.50
650	0.869	1.0115		50	50.525
700	2.142	1.502		50	75.40
750	1.894	2.0205		50	101.025
800	3.422	2.664		50	139.025
850	2.980	3.2025		50	160.125
900	1.154	2.062		50	113.35
950	0.869	1.0115		50	50.525
1000	2.142	1.502		50	75.40
1050	3.60	2.985		50	145.125
1100	1.154	2.462		50	120.35
1150	0.869	1.0115		50	50.525
1200	2.142	1.502		50	75.40

Continuation

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
① Cont. of				
10 x 3.75 + 6.2	1	3.75	0.085	11.18
5 x 3.0 x 3.75	2	3.75	0.085	1.54
11 x 3.75 + 4.9	3	3.75	0.085	3.41
4 x 3.0 x 3.75	4	3.75	0.085	1.28
10 x 3.2 x 3.75	5	3.75	0.085	2.48
23 x 3.0 x 3.75	6	3.75	0.085	19.66
4 x 3.9 x 3.75	7	3.75	0.085	1.54
11 x 8.6 + 3.75	8	3.75	0.085	5.09
9 x 8.2 + 3.75	9	3.75	0.085	4.93
8 x 3.0 x 3.75	10	3.75	0.085	6.75
10 x 3.75 + 5.2 + 3.75	11	3.75	0.085	8.30
10 x 3.75 + 6.2	12	3.75	0.085	3.73
				871.82
Particulars				
28.4 x 3.75				
② Cont. of				
10 x 3.75 + 7.4	1	3.75	0.160	8.92
5 x 3.0 x 3.75	2	3.75	0.160	9.01
11 x 3.75 + 4.9 + 3.75	3	3.75	0.160	7.23
4 x 3.0 x 3.75	4	3.75	0.160	7.23
10 x 3.2 x 3.75	5	3.75	0.160	5.28
23 x 3.0 x 3.75	6	3.75	0.160	4.11
1 x 2.2 x 3.75	7	3.75	0.160	1.74
11 x 8.6 + 3.75	8	3.75	0.160	10.82
9 x 8.2 + 3.75	9	3.75	0.160	8.60

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8x30x 3-75	1	8	30	0.160	144.00
10x6x 3-75	2	10	6	0.160	96.00
3	3				144.00
10x 3.75+6.2	4	10	3.75+6.2	0.160	7.96 m ³
2	2				159.33 m ³
Prokash S. B. 10/24					
कार्यालय का अधिकारी प्रमुख कार्य निदेश का. 2-17/10/15					

- Method of Cost:
- 1/1) Setting up of Bunker
of 1.20m x 1.20m x 1.20m
Bq (1) = 1.20 x 1.20 x 1.20 = 1.728 m³
= 1.20 x 1.20 x 1.20 = 1.728 m³
 - 2/1) Cleaning & Bunker
of 1.20m x 1.20m x 1.20m
Bq (1) = 1.20 x 1.20 x 1.20 = 1.728 m³
= 1.20 x 1.20 x 1.20 = 1.728 m³
 - 3/1) Bunker of Embankment
of 1.20m x 1.20m x 1.20m
Bq (1) = 1.20 x 1.20 x 1.20 = 1.728 m³
= 1.20 x 1.20 x 1.20 = 1.728 m³
 - 4/1) Cost of Embankment

Continuation

P. 219985-W

2nd A/c Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w: Jangsi Road high school panabur to purana panabur lake					
Agency: Aardesh bn					
Agg no. 01/SB/1021-22					
Date of Start - 12.5.2021					
Date of A. Completion - 22.6.2024					
Date of Entry: - 22.6.2024					
Items: -					
① Km post -			3.0 m		
② 200m stone -			5.0 m		
③ Boundary pillar -			26.0 m		
④ providing lining mm 154					
Information board -			3.0 m		
⑤ 600 mm circular board -			6.0 m		
⑦ 600mm Scaled triangle board -			10.0 m		
⑧ 600 x 450 mm road board -			6.0 m		
⑨ 900mm Side octagon -			2.0 m		
⑩ Road marking with hot applied compound					
20x30 x 2 x 0.100 =					174.0
1x20 x 2 x 0.100 =					4.0
4x30 x 2 x 0.100 =					24.0
1x20 x 2 x 0.100 =					4.0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$9 \times 30 \times 2 \times 0.1W =$					$54.0W$
					$260.0W$
(11) Cont. of Embankment and Subgrade					
Adjacent to Curb & W.M.					
$29 \times 30 \times 2 \times 1.30 \times 0.1W =$					234.90
$1 \times 20 \times 2 \times 0.95 \times 0.1W =$					3.80
$4 \times 30 \times 2 \times 1.2 \times 0.1W =$					31.20
$1 \times 20 \times 2 \times 1 \times 0.1W =$					4.00
$9 \times 30 \times 2 \times 1.2 \times 0.1W =$					64.80
Adjacent to C.C.					
$29 \times 30 \times 2 \times 1.25 \times 0.160 =$					348.00

$1 \times 20 \times 2 \times 0.95 \times 0.160 =$					6.08
$4 \times 30 \times 2 \times 1.30 \times 0.160 =$					49.92
$1 \times 20 \times 2 \times 1 \times 0.160 =$					6.40
$9 \times 30 \times 2 \times 1.2 \times 0.160 =$					103.68
					<u>852.78</u>
					100.00

(12) Cont. of Embankment					
(find updated measurement)					
CH	CA	MA		Dist	Vol
0	1.608	—		—	—
50	1.231	1.430		50	71.80
100	3.042	2.141		50	104.05
150	2.629	2.682		50	143.42
200	5.23	3.959		50	197.92
250	5.765	5.492		50	274.82

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
30	1.638	3.701		50	125.02
350	1.234	1.436		50	71.80
400	3.042	2.141		50	107.02
450	2.629	2.862		50	143.42
500	5.223	3.922		50	198.60
550	4.862	5.06		50	258.9
600	1.638	3.701		50	162.52
650	1.234	1.436		50	71.80
700	3.042	2.141		50	107.02
750	2.629	2.862		50	143.42
800	4.862	3.772		50	182.87
850	4.231	4.522		50	227.40

900	1.638	2.934		50	146.72
950	1.234	1.436		50	71.80
1000	3.042	2.141		50	107.02
1050	5.192	4.123		50	216.15
1100	1.638	3.701		50	162.52
1150	1.234	1.436		50	71.80
1200	3.042	2.141		50	107.02
1250	2.629	2.862		50	143.42
1300	5.223	3.922		50	198.60

3878.65

100 m lead 307.5 $3878.65 \text{ m}^2 = 2715.02$

1000 m lead 307.5 $3878.65 \text{ m}^2 = 1163.50$

(12) *Practical and layout*
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
irrigation pipe					8.412.04
3 x 2.5				7.50 Rm	3878.00
					118.80
					113.10
					109.02
					21.80
					790.80
					500.00
					104.00
					41.80
					100.40

Abstract of cost:

(1) Setting out B.M. & R.F.					
pillar with T.M.B. peg					
(S) item (1)					
= 1.30 Km @ 11052.82/Rm = 14375.50					
(2) clearing & Graveling of Road land with T.M.B. peg					
(S) item (2)					
= 0.91 Km @ 52998.20/Rm = 48228.00					
(3) Cont. of embankment					
1000 m long with T.M.B. peg					
item (3)					
= 1163.605 m ³ @ 192.03/m ³ = 223442.00					

Continuation

$$Rs = 286050.00$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(114) Conty & Embankment					
31141' Iron pg (10) ulm					
(12) Iron lead					
= 2715.00m @ 154.50m = 419692.1					
(515) Conty & Embankment					
wide Iron pg (11) ulm					
= 852.78m @ 190.00m = 162037.1					
(616) Conty & G. CB wide					
Iron pg (6) ulm (516)					
= 495.80m @ 292.00m = 145219.6					
(512) P L Irrigation Conty					
wide Iron pg (6)					
ulm (716) = 37.50 RM					
wide Iron pg (13) ulm = 7.50 RM					
45.00 RM					
(a) 7.1503					82126.1
(81) WBM Gr III wide Iron					
pg (6) ulm (612)					
= 371.87m @ 3767.00m = 140034.1					
(91) Conty & Cef Pavement					
wide Iron pg (6) ulm					
(612)					
= 703.33m @ 6391.00m = 504058.1					
(101) km stone wide Iron					
pg (8) ulm (1)					
= 3.400 @ 2227.83 = 6683.4					

Continuation

8830188.1

BF-3 8830/88 W

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/10) 2 m 2 m wide					
per (8) item (2)					
= 5 m no @ 615.63/mo = Rs					3078.15
(12/11) Boundary pillar wide					
Per (8) item (3)					
= 26 m no @ 512.59/mo = Rs					13427.34
(13/12) P/F & Information					
board wide (8) item (2)					
item (1)					
= 3 m no @ 9426.25/mo = Rs					28305.75
(14/13) 6 m m shoulder					
board wide (8) item (2)					
item (1)					
= 6 m no @ 4649.82/mo = Rs					27899.32
(15/16) 6 m m					
wide (8) item (2)					
= 10 m no @ 3425.58/mo = Rs					34255.80
(16/17) 6 m 4 m m					
wide (8) item (2)					
= 6 m no @ 4579.63/mo = Rs					27477.78
(17/18) 9 m m Side					
wide (8) item (2)					
= 2 m no @ 8248.52/mo = Rs					16497.04
(18/19) Road marking with					
hot applied Compound					

Continuation

D = 8981226.11

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Continuation