

YATRI SHEB MANIKPUR TO PASWAN
TOLI KANHOULI

Schedule XLV-Form No. 134

MMGSY-SC

BENIPUR DIVISION

BENIPUR SUB-DIVISION

MEASUREMENT BOOK

DHARMENDRA K. YADAV M.B.N. 1189

~~11/10/92~~

SBD-2020-21

प्रमाणित किया जाता है कि इस मापी
पुस्तक में कुल - 100 एकड़, है जिस को
सहायक अभियंता अशोक कुमार तत्काल
कार्य विभाग कार्य अफ. प्रमंडल
बेनीपुर नाम से निर्गत किया जाता है

18/6/20

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बेनीपुर (दरभंग)

वे. ज. न.
18/6/20

Sch. XLV-Form No. 134

BENIPUR DIVISION
BENIPUR SUB-DIVISION

ग्रामीण कार्य विभाग. कार्य
प्रमंडल. बेनीपुर

Measurement Book

No. 1189

Name of officer अशोक कुमार
सहायक अभियंता - बेनीपुर

Date of first entry _____

Date of last entry _____

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Is on A/c bill				
Name of Work - Const. of road from Yatri					
	Sheet Manikpur to Pashanoli				
	Kamhuli under nalgaya (SC)				
Agency's name - Sri Dharmendra K.R. Yadav					
	vill - Nawaragga, P.O. Harbingapur				
	P.S. - Ghanashyampur Dist. Darbhanga				
Agm No.	25 SBD/2020-21				
Agm Amount	Rs. 99744292				

Rate	2.50% Below from B.O.G.				
Date of Estt	18/06/2020				
Date of Comp (B.O.G.)	17/06/2021				
① clearing & grubbing road land etc.					
	1265 x 3.5 sq = 4427.5				
	= 0.44 Hect				
② Const. of embankment etc.					
approved material - 20-22					
change	C/S Area	Mesh	C/S Area	Area	Volume
0	1.46	-	-	-	-
50	1.38	1.42	50	-	71
100	1.58	1.48	50	-	74
150	1.30	1.44	50	-	72

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	change	cls Area	Mean c/s Area	Dist	Volume
	200	1.52	1.41	50	70.5
	250	2.42	1.97	50	98.5
	300	2.20	2.31	50	115.5
	350	1.96	2.08	50	104
	400	3.44	2.70	50	135
	450	2.36	2.90	50	145
	500	2.64	2.50	50	125
	550	2.14	2.39	50	119.5
	600	0.98	1.56	50	78
	650	0.74	0.86	50	43

	700	1.32	1.03	50	51.5
	750	1.10	1.21	50	60.5
	800	2.96	2.03	50	101.5
	850	2.06	2.51	50	125.5
	900	2.54	2.30	50	115
	950	2.14	2.34	50	117
	1000	1.70	1.92	50	96
	1050	1.44	1.57	50	78.5
	1100	1.96	1.70	50	85

					2081.573
At 75% $720/18.5 = 1561.12$ ft					
(a) for 1000m l - 30% $7156/112 = 468.34$ ft					
(b) for 1000m l - 70% $7156/112 = 1092.78$ ft					

29/11/2020
h.m.

Continuation
Sumae
29/12/2020
AA

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Particulars	Details of actual measurement				Contents of area
	Nc.	L.	B.	D.	
③ E/W excavation in tank 20' dia					
	2x2x	4.15x	1.40x	1.47x	34.16
	2x1x	5.78x	1.07x	0.25x	3.09
	1x2x	6.45x	1.40x	1.50x	27.09
	1x1x	5.78x	1.53x	0.25x	2.21
					66.55 m ²
④ PIV PCHS in tank 20' dia					
	2x2x	4.15x	1.40x	0.15x	3.49
	1x2x	6.0x	1.40x	0.15x	2.52
					6.01 m ²
⑤ PIV B/W in tank (11.4) dia 20' dia					
	2x2x	4.15x	$\frac{1.25+0.4}{2}$	x 2.0	27.39
	2x2x	4.15x	0.4x	0.6	3.98
	1x2x	6.0x	$\frac{1.25+0.4}{2}$	x 2.45	24.25
	1x2x	6.0x	0.4x	0.6	2.88
					58.5 m ²
	1x2x	0.465x	0.61x		1.13
	2x1x	1.188x	0.61x		1.45
					2.58 m ²
					Net B/W - 55.92 m ²
⑥ PIV by RCC type HP 20' dia					
(a) 600 mm ϕ	2x	3x	2.5		15 m ²
(b) 1000 mm ϕ	1x	3x	2.5		7.5 m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) PIV Ist class bed for 2nd					
	24	5.78	1.07	0.55	6.8
	14	5.78	1.53	0.55	4.86
					11.66 m ³
less - 34	5.78	0.22		3.81	
Net BF - 7.85 m					
(8) Excavation for work					
	24	30	0.525	0.1	15.75 m ³
(9) PIV for 2nd class					
Profile mesh - 64	9	10	0.1		5.4 m ³
	4	30	3.75	0.1	45
	24	30	0.525	0.1	31.5
	5	30	3.0	0.1	45
	24	30	4.05	0.2	583.2
					710.1 m ³
21/11/2021					
21/11/2021					

Continuation

Particulars	Details of actual measurement				Co. of area
	No.	L.	B.	D.	
Abstract of Calc					
(1) clear p & gable end land.					
8/4 wide T.B.P. 124 (1)					
0.44144 eb. 51133.76/Half					22497.20
(2) Const. of embankment with 100mm					
8/4 wide T.B.P. 1 to 284-2(1)					
468.34 m ² eb. 175.22/m ²					82063.20
(3) Const. of embankment with 100mm					
8/4 wide T.B.P. 1 to 284-2(5)					
8/4 wide T.B.P. 1 to 284-2(5)					
1092.78 m ² eb. 139.85/m ²					152825.00
(4) E/W embankment with 100mm					
8/4 wide T.B.P. 345-3					
66.55 m ² eb. 269.32/m ²					17939.20
(5) PIV PCC H.P. 27mm dia					
27/8/4 wide T.B.P. 345-4					
6.01 m ² eb. 5752.91/m ²					34575.20
(6) PIV PCC H.P. (144) mm dia					
28/8/4 wide T.B.P. 345-5					
55.92 m ² eb. 5844.03/m ²					326798.20
(7) PIV RCC H.P. 600mm dia					
29/8/4 wide T.B.P. 345-6(9)					
15 m eb. 2577.75/m ²					38666.20
(8) PIV RCC H.P. 1000mm dia					
30/8/4 wide T.B.P. 345-6(5)					
7.5 m eb. 3524.94/m ²					26737.20

Continuation

Continuation