

A/no:- 65/NABARD/SBD/2020-21

CH OF WORK:- CONSTRUCTION OF RCC

Schedule XLV-Form No. 134

BRIDGE OVER KANKAL DHER NEAR JANKI CHH
WKN UNDER WARABD

BMD(WD) KISHANGHAT J-2 DIVISION

DIGHAL BARK

SUB-DIVISION

I MB 00-1421

MEASUREMENT BOOK

MD. SHAQUE ALAM

1421

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.	
Construction of RCC Bridge over Kankai Ahar near Janki chaur					
CH. H. =		N.B. and			
Agreement No. =					
Rated Agreement =					
D.O. of order =					
D.O. of completion =					
D/E =				07-04-2021.	
<u>Record Measurement.</u>					
1. P/fixing logo of Project = 2 no.					
2. P/fixing Citizen information Board = 1 no.					
3. Dismantling of structure					
1	24.0	6.0	0.40	= 57.60 m ³	
4	6.0	2.50	3.50	= 210.00 m ³	
1	24.0	6.00	0.15	= 21.60 m ³	
4	6.0	3.0	3.0	= 216.00 m ³	
4	6.50	3.0	5.0	= 390.00 m ³	
					895.20 m ³
(4) Const. of Embankment for diversion to - r. to B.					
3	30.0	9.0	1.20	= 972.00 m ³	

Continuation

1st ABSTRACT OF COST.

Sch. XLV-Form No. 134

34

10/6/21

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) E/W in excavation - c.s.b.					
Vide T.M.B. Page 11 item (1) =					
444.05 cu @ 318.84/cu = Rs. 1,41,581					
(2) P/ temporary earth island -					
Vide T.M.B. Page 15 item (2) =					
1 cu. @ 2,81,302.54/- Rs. 2,81,303					
3) P/ Service road - c.s.b.					
Vide T.M.B. Page 15 item (3)					
= 93.00 M @ 4732.05/- Rs. 156158					
4) P/ PCC M15 - c.s.b.					
Vide T.M.B. Page 11 item (2) =					
17.28 cu @ 6,021.31/cu = Rs. 1,04,048					
5) P/ R.C.C. M35 in pile cap					
to - c.s.b.					
Vide T.M.B. Page 15 item (1) = 159.73 cu					
" " " (1) = 79.87 cu					
239.60 cu					
@ 7352.63/cu = Rs. 17,61,690					
6) Board cast - in situ					
R.C.C. M35 pile - to -					
- all - c.s.b. a.s.					

Continuation

Rs. 24,44,780

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			8/12	2	4,44,780 =
Vide T.M.B. Page 2 item 6 =		41	20 M.		
1	1 (3)	1	1	41.20 M.	
"	" (4)	1	1	41.20 M.	
"	" (5)	1	1	41.20 M.	
"	" (6)	1	1	41.20 M.	
"	" (7)	1	1	41.20 M.	
"	" (8)	1	1	41.20 M.	
"	" (9)	1	1	41.20 M.	
"	" (10)	1	1	41.20 M.	
			370.80 M		
	@	14,499.65/m			53,76,470 =

7) S/P/F HYSD Bar Reinf. 10.					
R x B = 20 - all T. & B.					
Vide T.M.B. Page 2 item 7 = 41.20 M.					
1	(3)	1	(2)	5101.53 kg.	
"	(4)	1	(2)	5101.53 kg.	
"	(5)	1	(2)	5101.53 kg.	
"	(6)	1	(2)	5101.53 kg.	
"	(7)	1	(2)	5101.53 kg.	
"	(8)	1	(2)	5101.53 kg.	
"	(9)	1	(2)	5101.53 kg.	
"	(10)	1	(2)	5101.53 kg.	
"	(12)	1	(3)	6712.98 kg.	
"	12	1	4	5401.27 kg.	
			58028.02 kg.		
Add: 10% for waste Contingent 80 kg.					
63830.82 kg.					
= 63.830 kg.					
Limited to 62.960 kg @ 59650.63/t					
= 37,55,604					
Rs 1,15,76,854					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F = 1		15,76,854
8) P/Steel liner growth.					
→ do →	all	τ. job.			
Vide T.M.B. Page 2	item 8 =	1.432	τ		
"	3	113 =	1.432	τ	
"	4	113 =	1.432	τ	
"	5	113 =	1.432	τ	
"	6	113 =	1.432	τ	
"	7	113 =	1.432	τ	
"	8	113 =	2.150	τ	
"	9	113 =	2.150	τ	
"	10	113 =	2.150	τ	
Up to	15.030		15.542		
①	71,145.13		τ		10,69,311
9) Pile load test (initial and routine load test).					
Vide T.M.B. Page 14	item 42				
1 no.	①	5,00,000	τ		5,00,000 =
10) RCE grade M30 in sub str.					
→ do →	all	τ. job.			
Vide T.M.B. Page 17	item 2 =	49.28	sq		
"	24	11(1) =	18.40	sq	
"	21	11(1) =	19.58	sq	
			87.26	sq	6,60,274
②	7566.74		τ		10,138,064.39 =

Continuation

$$1. 1,58,54,018 =$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				R/L R. 1	58,540.18
14) P/Back holding behind					
Alw x R/L - do - all c.B.s.					
Alw	2	5.40	2.80	3.90	= 122.15 m^2
R/L	2	3.50	2.40	3.30	= 147.42 m^2
					267.57 m^2
vide T.M.B. Page 33 item (2)					
= 269.52 m^2 @ 951.56 / m^2					= 2,56,512 =
15) P/laying higher width					
- do - do - all - c.B.s.					
vide T.M.B. Page 33 item (2)					
= vide T.M.B. Page 33 item 3 =					
51.48 m^2 @ 3372.39 / m^2					= 1,73,662.2
16) P/RCC M35 in Super Str.					
- do - c.B.s.					
vide T.M.B. Page 30 item (1) = 71.790 m^2					
" " 33 " (1) = 51.180 m^2					
					122.98 m^2
@ 8,592.52 / m^2					= 10,56,708 =
17) S/P/P HYSD Bar & cut					
in Superstructure - c.B.s.					
vide T.M.B. Page 29 item (1) = 16048.11 kg					
" " " 32 " (1) = 11105.28 kg					
					27153.39 kg
Add 10% for lap & etc					29868.73 kg
29.869 MT @ 61,108.13 / MT					= 18,25,239 =
					Ag. 1,91,66,139 =

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
18) clearing and grubbing of 2nd band - C. Sub.				
Vide T.M.B. Page 33 item (4) =				
0.148 Ha @ 53012/31/100 =				7846 =
19) Const. of Embankment from boundary cutting C.S.B.				
Vide T.M.B. Page 34 item (1) = 449.052				
X 60p.				
= 266.4347				
20 22/100 = 20				21,386 =
20) Const. of Embankment - 1000 m lead - do - C.S.B.				
Vide T.M.B. Page 33 item (5) = 4770.604				
limited 3911.4047				
221.03/43p				8,64,537 =
21) P/and fixing logs to scheme project - do - C.S.B.				
Vide T.M.B. Page (1) item (1) =				
= 1 ha. @ 7500p -				7500 =
(22) P/fixing of logs scheme Citizen Automation board C.S.B.				
Vide T.M.B. Page (1) item (1) =				
1 ha @ 9500p -				9500 =

Continuation

Rs. 2,00,76,908 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
23/ Const. of Embankment for diversion - C.S.B.			B/F 4		2,00,76,908 =
vide T.M.B. Page (1) Item (4)					
= 972.00 m ³ @ 221.03 / m ³					2,14,841 =
4 P/ G.S.P. Gr 1 - C.S.B.					
vide T.M.B. Page 2 item (5)					
= 40.50 m ³ @ 3155.34 / m ³					1,27,791 =
5) Dismantling of existing structure - C.S.B.					
vide T.M.B. Page 1 item (D) =					
895.20 m ³ @ 102.68 / m ³					91,991 =
					1
					2,05,11,459 =
Addn G.S.T. 12% (+/-)					24,61,375 =
Addn L.Ces 4% (+/-)					2,05,115 =
S. Fee					69146 =
					1
					2,32,47,095 =
deduct 0.24% below to S/R					
					55,793 =
					2,31,91,302 =
14/06/21 J.E.					

Continuation

C 28
20/06/21