

SONO

NABARD

VOL-2

HL R.C.C. BRIDGE OVER MANGECHAPRI. SUKHMAR RIVER

Schedule XLV Form No. 134.

IN BETWEEN BABUDIH PMGSY VIA NIMADIH

R.M.D.

JHAJHA DIVISION

R.M.D. SONO

SUB-DIVISION

Agreement No: 11/SBD/NABARD/23-24

Measurement Book

SUNNY CONTRACTORS & ENGINEERS PVT LTD.

1838+1820

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.	
Head:	NABARD				
Name of work:	Construction of HL Bridge				
	Over Hangechapri - Seekhar River between				
	Babulda PMGSY & N. Madia vil.				
Agency:	Sunny Contractors & Engineers Pvt				
	Ltd West Gandhi Mandam, Jehanabad.				
District:	Jehanabad.				
Agreement No:	11/SBD/NABARD/23-24.				
D.O.W -	12/12/2023				
D.O.C.	11.12.2025				
D.O. measurement:	15/1/24				
D.O. Entry:	15/1/24				
1) Pile laying	R.C.C M-35 in Super				
	Structure (Deck slab) etc.				
In slab:	P ₃ - P ₄ = S ₄ .				
2) Longitudinal Girder:	03 nos				
(a) End Uniform section					
	6 x 1.35 m ² x 1.27 m = 10.287 m ³				
(b) Tapered portion:					
	6 x 1.05 m² x 1.50 m =				
	6 x 1.05 m ² x 1.50 m = 9.45 m ³				
(c) Mid Uniform section:					
	3 x 0.75 m ² x 14.46 m = 32.535 m ³				
	C ₄₀ 52.27 m ³				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	ABSTRACT OF COST				
	8 th on A/C BILL				
Head:	NABARD				
Name of work:	Construction of HL Bridge				
	Bridge Over Manglechapi - Sukhna River				
	between Babadik Pongsyua Nimadik vill.				
Agency:	Sering Contractors & Engineers				
	Pz Ud, West Gandhi Maidan Jehanabad.				
Distt:	Jehanabad.				
Agreement No:	11/SBD/NABARD/23-24,				
D.O.W -	12.12.2023				
D.O.C -	11.12.2025				
D.O. measurement.					2415/24

Date of Entry: 24/5/24					
1. E/W in excavation for structure					
do- do a/c JB					
47 In Ordinary soil vide MAP MB1820P-89					
1199.48 m ³ @ Rs 186.85/m ³ Rs 2,24,123=					
47 In Ordinary soil vide MAP MB1820P-89					
647.324 m ³ @ Rs 266.93/m ³ Rs 1,72,790=					
313. PIV 2 Laying P.C.C. 4-15 leveling					
Course 150mm Thick below 1st floor					
vide MB1820P-89					
60.46 m ³ limit 60.456 m ³ @ Rs 864431/m ³					
Rs 5,22,600=					
414. PIV R.C.C. 4-30 in forenoon for 8th.					
vide MB1820P-89					
516.88 m ³ limit 505.23 m ³ @ Rs 10,065.59/m ³					
Continuation Rs 50,86,082=					

C10 Rs 60,05,595=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5. PIV 2 S.F.F. 475D bar reinforcement					BIF Rs 60,05,595.20
5. PIV R.C.C. 430 in foundation for structure					
		Vide MB 1820 P-89			
41.80 MT @ Rs		77922.87 / MT - Rs			32,57,218.20
6/7: PIV R.C.C. M-30 in Sub-structure					
(1) Up to 5.00m height					
256.084 m ³ vide		THB P-89			
54.881 m ³ vide		MB 1820 P-78			
34.968543 vide		MB 1820 P-95			
345.933543 @ Rs		10395.95 / m ³			
					Rs 35,96,307.20
(ii) Up to 5.00m to 10.00m ht.					
10.1846 m ³ vide		THB P-89			
1.606 m ³ vide		MB 1820 P-96			
11.7906 m ³ @ Rs		10,566.63 / m ³ - Rs			1,24,587.20
7/9: PIV 2 S.F.F. 475D bar reinforcement					
of Sub-structure cladding at C.F.					
55.9924 MT vide		THB MB 1820 P-90			
0.189 MT vide		MB 1820 P-21			
0.15 MT vide		MB 1820 P-22			
0.418 MT vide		MB 1820 P-39			
0.2955 MT vide		MB 1820 P-40 RB2			
0.2955 MT vide		MB 1820 P-80 RB2			
1.3249 MT vide		MB 1820 P-95			
0.209 MT vide		MB 1820 P-96			
0.1477 MT vide		MB 1820 P-96			
59.022 MT @ Rs		77923.87 / MT - Rs			45,99,223.20
					ClO Rs 1,75,82,930.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.Rs	1,75,	82,93020
8/10: Plvz S.F.F & bearing elastomerx					
in beam line & level do do					
3.45, 600.00 c.c. vide P-90/MB1820					
2.30, 400.00 c.c. vide P-97/MB1820					
5.76.000.00 c.c. @ 1.01/c.c. - Rs					5,81,76024
9/14: Plv R.C.C. M-35 in Super					
structure of str. do do					
317.718 M ³ vide MB P-90/MB1820					
105.906 M ³ vide TMB P-2					
423.624 M ³ @ Rs 11377.108 M ³					
					Rs 48,19,61325
10/15: Plv S.F.F of HYD reinforcement					
in Super structure do do all c.m					
72.061 MT vide MB1820 P-90					
7.3942 MT vide MB1820 P-89					
2.3188 MT vide P-98/MB1820					
7.901 MT vide P-99/MB1820					
12.222 MT vide P-4/TMB					
101.9042 MT @ Rs 78367.44/MT					
					Rs 79,85,97126
11/16: Plv R.C.C. M-30 in wearing					
Course do do vide					
33.75 M ³ vide MB1820 P-91					
11.25 M ³ vide TMB P-2					
45.00 M ³ @ Rs 15637.48/M ³ - Rs					703,68727
					@ 10 Rs 3,16,73,96124

Continuation

cuo Rs 3,35,99,018

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S.F. Calculation.					
(1) P.C.C. 1:1.5 leveling course					
60.456 m ³ @ Rs 114.18/m ³ - Rs					6903.20
(1) R.C.C. 1:3:10 in forend					
505.29 m ³ @ Rs 109.27/m ³ - Rs					55,213.20
(1) R.C.C. 1:3:10 in sub-2nd.					
357.7241 m ³ @ 109.27/m ³ - Rs					39,089.20
(4) R.C.C. 1:3:10 in S/S.					
423.624 m ³ @ 109.27/m ³ - Rs					46,289.20
(1) W.C.					
45.00 m ³ @ Rs 109.27/m ³ -					4917.20
(6) filler masonry					
105.00 m ³ @ Rs 82.71/m ³ - Rs					8685.20
(7) Boulder pitch					
210.00 m ³ @ Rs 75.81/m ³ - Rs					15,920.20
					1
					Rs 1,77,016.20
(11) JE RND SDA					
Material Statement update.					
(1) E/W = 6692.56 m ³					
(11) S/chess = 1252.88 m ³					
(111) C. Sand = 626.44 m ³					
(111) Boulder = 378.00 m ³					
(111) SDA					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S.F. Calculation					
47 P.C.C. 1:1.5 leveling course					
60.456 m ³ @ Rs 114.18/m ³ - Rs					6903.20
(1) R.C.C. M-30 in foundation					
505.29 m ³ @ Rs 109.27/m ³ - Rs					55,213.20
(1) R.C.C. M-30 in sub. str.					
357.72 m ³ @ 109.27/m ³ - Rs					39,089.20
(4) R.C.C. M-30 in S/S.					
423.64 m ³ @ 109.27/m ³ - Rs					46,289.20
(5) W.C.					
45.00 m ³ @ Rs 109.27/m ³ -					4917.20
(6) filler material					
105.00 m ³ @ Rs 82.71/m ³ - Rs					8685.20
(7) Boulder pitching					
210.00 m ³ @ Rs 75.81/m ³ - Rs					15,920.20
					1
					Rs 1,77,016.20
 24/5/24 JE RMD SDM					
Material Statement update.					
(1) E/W =	6693.56 m ³				
(1) S/chips =	1252.88 m ³				
(11) C. Sand =	626.44 m ³				
(14) 1/2 Boulder:	378.00 m ³				
 24/5/24					