

(NABARD)

H.R. RCC Bridge from Ishwarpura to Kulu Jera
Path in Ishwarpura gaon Near Bhagar nadi

Shedule XLV Form No. 134.

Sanjay Kumar Singh

Jagdishpur DIVISION

Shafpur SUB-DIVISION

Agg No- 14/Nabard/S.B.D/2023-24

Measurement Book

MB No- 954

(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.	
Name of work: —	Const. of HL RCC				
	Bridge from Ishwarpura to				
	Lalu Dera Path under Shahpur				
	Block in Bhogpur District under				
	NABARD.				
Length of HL Bridge: —	60.91 M				
Agreement No. : —	14/NABARD/2023-24.				
Date of Commencement: —	06.02.2024				
Date of Completion: —	05.02.2025				
1/ P/V and constructing Temporary Island 16 m diameter etc with all job.					
For (P ₁) & (P ₂) = 02 Nos.					
2/ p/v service road etc. with all job.					
1 x 60.91 m = 60.91 M.					
 12/03/24 JE/shahpur.					
3/ Conducting Confirmatory Boring, sampling of soil, conducting S.P.T. & Lab Testing soil sample.					
$A_1 \& A_2 = 2 \times 33 \text{ m} = 66.00 \text{ M}$ $P_1 \& P_2 = 2 \times 36 \text{ m} = 72.00 \text{ M}$ 138.00 M					
Continuation					

Continuation

8th 12/08/24
Shahpur

ABSTRACT OF COST (1st on A/c Bill)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/ E/W in excavation of foundation of structures.					
Qty. = 154.413 m ³ (vide TMBP - 32)					
111.321 m ³ (vide TMBP - 34)					
111.321 m ³ (vide TMBP - 36)					
154.413 m ³ (vide TMBP - 38)					
531.468 m ³					
Qty. = 531.47 m ³ @ ₹ 469.80/m ³ = ₹ 2,49,685.00					
2/ Providing and constructing Temporary Island 16 m diameter.					
Qty. = 02 Nos. (vide TMBP - 01)					
@ ₹ 85,886.19/No. = ₹ 1,71,772.00					
3/ Providing service road etc. all complete job.					
Qty. = 60.91 m (vide TMBP - 01)					
@ ₹ 4378.01/m = ₹ 2,66,665.00					
4/ Providing steel helix 6 mm thick for piles.					
Qty. = 0.717 22.22 MT (vide TMBP - 31)					
Limit Qty. = 22.020 MT @ ₹ 106616.14/MT = ₹ 23,47,687.00					
5/ Bored Cast - in - situ M-35 grade RCC pile.					
Qty. = 640.0 M (vide TMBP - 31)					
@ ₹ 17854.13/M = ₹ 1,14,26,643.00					
Continuation 1,44,62,452.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6/ Drilling of reinforced concrete pile head.					
Qty. = 5.429 m ³ (vide TMBP-32)					
4.072 m ³ (vide TMBP-34)					
4.072 m ³ (vide TMBP-36)					
5.429 m ³ (vide TMBP-38)					
19.002 m ³					
Limit Qty. = 19.00 m @ ₹ 1588.93/m = ₹ 30,190 = 00					
7/ Providing and laying RCC M-15 levelling Course 150 mm thick below the pile cap.					
Qty. = 10.206 m ³ (vide TMBP-32)					
7.290 m ³ (vide TMBP-34)					
7.290 m ³ (vide TMBP-36)					
10.206 m ³ (vide TMBP-38)					
34.992 m ³					
Limit Qty. = 34.990 m ³ @ ₹ 7220.13/m ³ = ₹ 2,52,632 = 00					
8/ Cement Providing RCC M-35 in pile cap.					
Qty. = 112.914 m ³ (vide TMBP-34)					
79.866 m ³ (vide TMBP-36)					
79.866 m ³ (vide TMBP-38)					
112.914 m ³ (vide TMBP-40)					
385.56 m ³ @ ₹ 8609.50/m ³ = ₹ 33,19,479 = 00					
40 → 1,80,64,753 = 00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9/ S, F & P HYSD bar reinforcement in foundation.					
Qty. = 66.272 MT (vide TMBP-31)					
6.615 MT (vide TMBP-33)					
4.852 MT (vide TMBP-35)					
4.852 MT (vide TMBP-37)					
6.615 MT (vide TMBP-39)					
89.206 MT @ ₹ 77,841.65/MT = ₹ 69,43,942.00					
10/ S, F & P HYSD bar reinforcement in substructures.					
Qty. = 1.548 MT (vide TMBP-33)					
1.159 MT (vide TMBP-35)					
1.159 MT (vide TMBP-37)					
1.548 MT (vide TMBP-40)					
5.414 MT @ ₹ 78,063.52/MT = ₹ 4,22,636.00					
11/ Pile Load Test on single vertical pile					
(a) Initial and routine load test					
Qty. = 1750.00 MT (vide TMBP-31)					
@ ₹ 300.00/MT = ₹ 5,25,000.00					
12/ (b) Lateral Load Test					
Qty. = 50.00 MT (vide TMBP-31)					
@ ₹ 5000.00/MT = ₹ 2,50,000.00					
13/ Conducting Confirming					

c/o → 2,62,06,331.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Boring, Sampling of soil,					
conducting S.P.T & Lab					
Testing soil sample.					
Bty. = 138.00m (Vode TMBP-01)					
@ ₹ 950.00/m = ₹					1,31,100=00
Total = ₹					2,63,37,431=00
Add Labourless @ 1% = (+) ₹					2,63,374=00
Add GST @ 18% = (+) ₹					47,40,738=00
Add S. Fee = (+) ₹					1,86,057=00
Total = ₹					3,15,27,600=00

03/07/2024

JE / Shahpur