

NABARD/ 2023-24/04

HL Rec Bridge in RTO Road to Basarpur

Schedule XLV-Form No. 134

Basin

DIVISION

Basin

SUB-DIVISION

MEASUREMENT BOOK

1702

Raj Gyan Vardhan Kumar

4th and final A/c Bill

78

Abstract

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Name of Work:- Const of R.C.C.H.L.
Bridge in R.E.O Road to
prasad pur

Name of Contractor:- Raj Gyan Vardhan
Kumar at- pink city- Rambagh
purnea

Agreement No:- 04/SBD/2023-24

Date of Commencement:- 02.02.2024

Date of Completion:- 01.07.2025
Below 0.11%.

(1/3) E/work in excav. for structures

Comp. as per draw. and T.S
= 710.04 m³ vide dly TMB P-59

@ Rs 427.09/m³ = Rs. 303251=∞

(2/8) plv and laying p.c.c m-15
levelling course

= 24.27 m³ vide dly TMB P-59

@ Rs 9153.47/m³ = Rs. 222155=∞

(3/9) plv and laying R.C.C m-30
in pile cap as per draw. & T.S.

319.47 m³ vide dly TMB P-59

@ Rs 9086.61/m³ = Rs. 2902899=∞

(4/19) Bored cast in situ pile of
R.C.C m-35 grade Conc.

= 504.0 m vide dly TMB P-59

@ Rs. 27301.06/m = Rs. 13759734=∞

(5/12) S/H/F HYSD bar reinf in

foundation Comp. as per draw. & T.S.

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$= 78.73 \text{ m}^3$ vide dly TMB P-59					
@ Rs. 80 140.22/MT = Rs 6 309439 = ∞					
(6/16) p/v and laying Rec M-30					
in sub structure					
(i) up to 5.0 m depth					
$= 164.955 \text{ m}^3$ vide dly TMB P-60					
4.694 m^3 — do — P-71					
$T = 169.649 \text{ m}^3$ @ Rs 9456.60/m ³ = Rs 1604303 = ∞					
(7/17) (ii) from 5.0 m to 10.0 m height					
$= 45.463 \text{ m}^3$ vide dly TMB P-60					
10.183 m^3 — do — P-71					
$T = 55.646 \text{ m}^3$ @ Rs 9557.37/m ³ = Rs 534055 = ∞					
(8/20) p/v and laying Rec M-35 in					
sub structure					
$= 9.428 \text{ m}^3$ vide dly TMB P-60					
2.923 m^3 — do — P-71					
$T = 12.351 \text{ m}^3$					
limite 12.35 m^3 @ Rs 9687.03/m ³ = Rs 119635 = ∞					
(9/21) s/f/f H4SD bar reinf in sub					
structure Comp as per draw & TS					
$= 27.759 \text{ MT}$ vide dly TMB P-60					
0.898 MT — do — P-70					
$T = 28.657 \text{ MT}$					
limite 28.64 MT @ Rs 80363.75/MT = Rs 2301618 = ∞					
(10/22) s/f/f in true line and level					
pvt. PTFE Bearings					
$= 18 \text{ Nos.}$ vide dly TMB P-60					
@ Rs 51114.04/each = Rs 920053 = ∞					

Continuation

40-Rs 28977142 = ∞

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) p/v and fixing Elastomeric bearing in true line and level					
= 168750.00 cum vide Qly TMB p-71					
@ Rs 0.91/cum = Rs					153562 = ∞
(12) p/v weep hole in Abut & R/Wall					
= 156 Nos. vide Qly TMB p-76					
@ Rs 157.86/Nos = Rs					24626 = ∞
(13/25) p/v Back filling behind Abutment					
= 81.795 m ³ vide Qly TMB p-61					
81.795 m ³ — do — p-72					
T = 163.59 m ³ @ Rs 996.38/m ³ = Rs					162998 = ∞
(14/27) p/v and laying filter media behind Abut and R/Wall					
= 45.269 m ³ vide Qly TMB p-61					
45.269 m ³ — do — p-72					
T = 90.538 m ³ @ Rs 4371.17/m ³ = Rs					395757 = ∞
(15/29) p/v and laying R.C.C m-30 in super structure					
= 126.54 m ³ vide Qly TMB p-61					
24.875 m ³ — do — p-68					
38.395 m ³ — do — p-70					
T = 189.81 m ³					
— Limit					
188.39 m ³ @ Rs 10614.11/m ³ = Rs					1999592 = ∞
(16/31) s/f/f H4SD bar reinf in Super structure					
21.324 MT vide Qly TMB p-61					
7.478 MT — do — p-67					
3.085 MT — do — p-69					
T = 31.887 MT					

Continuation

Rs 31713677 = ∞

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F. 31.887 MT					
Limit 31.12 MT	@ Rs	81995.40/MT			Rs 2551697 = 00
(17/32) p/v and laying cement concrete wearing course					
= 20.295 m ³ vide Qty		TMB		P-61	
10.148 m ³ — do —				P-72	
T = 30.44 m ³					
4.433 m ³ — do —				P-74	
T = 34.876 m ³ @ Rs		19344.80/m ³			Rs 674669 = 00
(18/33) Const. of R.C.C. Railing					
= 72.16 m vide Qty		TMB		P-61	
15.76 m — do —				P-73	
T 36.08 m — do —				P-72	
T = 124.0 m @ Rs		4527.73/m			Rs 561439 = 00
(19/34) p/v Drainage spout					
= 16 Nos vide Qty		TMB		P-62	
08 Nos — do —				P-72	
T = 24 Nos @ Rs		1506.49/No			Rs 36156 = 00
(20/) p/v and laying p.c.c m-15 levelling course					
= 7.16 m ³ vide Qty		TMB		P-72	
@ Rs - 8442.35/m ³					= Rs 60447 = 00
(21/-) p/v and laying R.C.C m-30 in approach slab					
= 16.97 m ³ vide Qty		TMB		P-72	
@ Rs 15413.02/m ³					= Rs 261559 = 00
(22/37) p/v and fixing street seal/ expansion joint					
= 16.90 m vide Qty		TMB		P-62	
16.90 m — do —				P-72	
T = 33.80 m @ Rs		Continuation 13698.46/m			Rs 463008 = 00
					c/o-Rs 36322652 = 00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23) plv and laying Boulder pitching on slopes					
= 287.37 m ³ vide dly TMB p - 77					
Limite					
284.68 m ³ @ Rs 4522.91/m ³ = Rs 12 875 82 = ∞					
(24) plv and laying filter material under neath slope pitching					
= 113.08 m ³ vide dly TMB p - 77					
Limite					
107.40 m ³ @ Rs 4360.65/m ³ = Rs. 468333 = ∞					
(25) clearing and Grubbing of Road land					
= 0.09 Hect vide dly TMB p - 73					
@ Rs 75573.34/Hect = Rs 6802 = ∞					
(26) const of embankment with material obtain from borrow pits					
= 3164.72 m ³ vide dly TMB p - 77					
Limite					
3162.0 m ³ @ Rs 248.79/m ³ = Rs 786674 = ∞					
(27) const of Subgrade and earthen shoulder with approved materials					
= 79.124 m ³ vide dly TMB p - 77					
@ Rs 252.32/m ³ = Rs 19965 = ∞					
(28) plv Granular Sub base by providing well graded G.S.B.					
= 83.07 m ³ vide dly TMB p - 75					
Limite					
82.62 m ³ @ Rs 4014.46/m ³ = Rs 331675 = ∞					
(29) plv laying spreading and compacting stone aggregate					
Continuation					
w/m-3					
c/o - Rs 39223683 = ∞					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
= 28.698 m ³ vide &ly TMB p-75					
Limite					
28.69 m ³ @ Rs 5797.44/m ³ = Rs					166329=00
30/ plv and applying primer coat with Bitumen emulsion (SS-1)					
= 386.25 m ² vide &ly TMB p-75					
Limite					
382.50 m ² @ Rs 60.06/m ² = Rs					22973=00
31/ plv and applying tack coat with Bitumen emulsion (RS)					
= 386.25 m ² vide &ly TMB p-75					
Limite					
382.50 m ² @ Rs 21.13/m ² = Rs					8082=00
32/ plv laying and rolling premix Carpet					

= 386.25 m² vide &ly TMB p-76

Limite

382.50 m² @ Rs 289.29/m² = Rs 110653=00

33/51 plv and fixing 1400' of project information Signboard

= 2 Nos vide &ly TMB p-58

01 Nos — do — p-76

= 3 Nos @ Rs - 11327.75/each = Rs 33983=00

34/ plv and laying thermoplastic paint Road marking

= 20.0 m² vide &ly TMB p-76

@ Rs 886.00/m² = Rs 17720=00

35/ plv and fixing Boundary pillar

= 135 Nos vide &ly TMB p-76

@ Rs - 802.00/each = Rs 108270=00

Continuation

40-Rs 39591693=00

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Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B/f =			Rs.	40451669 =	cu
Add 187.95 T =	Rs.		7287300 =		cu
Add 17. L. cess =	Rs.		404517 =		cu
Total SF =	Rs.		121821 =		cu
		T =	Rs.	48259307 =	cu
Less Below 11% =	Rs.		53085 =		cu
			Rs.	48206222 =	cu
(-) prev. payment =	Rs.		40339735 =		cu
				7866487 =	cu
			Rs.	7866487 =	cu
job 29/03/25 AS					
<u>up to date material statement</u>					
(i) E/work =	3241.124 m ³				
(ii) p.c.c M-15 =	21.37 m ³				
c. sand =	9.60 m ³ @ Rs.		57780/m ³		
40mm =	11.54 m ³ @ Rs.		992.33/m ³		
20mm =	5.77 m ³ @ Rs.		1207.76/m ³		
10mm =	1.70 m ³ @ Rs.		595.16/m ³		
(iii) R.c.c pile	-		570.08 m ³		
pile cap	-		319.47 m ³		
sub struct	-		237.645 m ³		
sup. struct =			188.39 m ³		
App. slab	-		16.97 m ³		
W-curve	-		34.876 m ³		
		T =	1367.431 m ³		

Continuation