

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

Sch. XLV—FORM NO. 154					
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 dt TMB P-59

@ Rs 427.09/m³ = Rs. 303251.00

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

= 24.27 m³ vide dt TMB P-59

@ Rs 9153.47/m³ = Rs. 222155.00

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

319.47 m³ vide dt TMB P-59

@ Rs 9086.61/m³ = Rs. 2902899.00

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

= 504.0 m vide dt TMB P-59

@ Rs. 27301.06/m = Rs. 13759734.00

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

Comp. as per draw. & T.S.

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
= 78.73 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 m ³ vide dly TMB P-60					
4.694 m ³ — do — P-71					
T = 169.649 m ³ @ Rs 94 56.60/m ³ = Rs 1604303 = ∞					
(7/17) (ii) from 5.0 m to 10.0 m height					
= 45.463 m ³ vide dly TMB P-60					
10.183 m ³ — do — P-71					
T = 55.646 m ³ @ Rs 95 57.37/m ³ = Rs 534055 = ∞					
(8/20) p/v and laying Rec M-35 in					
sub structure					
= 9.428 m ³ vide dly TMB P-60					
2.923 m ³ — do — P-71					
T = 12.351 m ³					
limite 12.35 m ³ @ Rs 968.03/m ³ = Rs 119635 = ∞					
(9/21) s/f/f H4SD bar reinf in sub					
structure Comp as per draw & TS					
= 27.759 MT vide dly TMB P-60					
0.898 MT — do — P-70					
T = 28.657 MT					
limite 28.64 MT @ Rs 80363.75/MT = Rs 2301618 = ∞					
(10/22) s/f/f in true line and level					
PT- PTFE Bearings					
= 18 Nos. vide dly TMB P-60					
@ Rs 51114.04/each = Rs 920053 = ∞					

Continuation

40-Rs 28977142 = ∞

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) p/v and fixing Elastomeric bearing in true line and level					
= 168750.0 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 HYSD bar reinforcement 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 = ∞

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F. 31.887m					
Limit 31.12m	@ Rs	81995.40/m			Rs 2551697=00
(17/32) p/v and laying cement concrete wearing course					
= 20.295m ³ vide Qty		TMB		P-61	
10.148m 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					
= 72.16m vide Qty		TMB		P-61	
15.76m — do —				P-73	
T 36.08m — do —				P-72	
T = 124.0m @ 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/m			Rs 36156=00
(20/) p/v and laying p.c.c m-15 levelling course					
= 7.16m ³ vide Qty		TMB		P-72	
@ Rs - 8442.36/m ³					Rs 60447=00
(21/) p/v and laying R.C.C m-30 in approach slab					
= 16.97m ³ vide Qty		TMB		P-72	
@ Rs 15413.02/m ³					Rs 261559=00
(22/37) p/v and fixing strip seal expansion joint					
= 16.90m vide Qty		TMB		P-62	
16.90m — do —				P-72	
T = 33.80m @ Rs		Continuation 13698.46/m			Rs 463008=00
					@ 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 1287582 = ∞					
(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 Hact vide dly TMB p - 73					
@ Rs 75573.34/Hact = 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.R.					
= 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

WBSM-3

c/o-Rs 39223683 = ∞

Sch. XLV—Form No. 134

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

= 386.25 m² vide & TMB p-76

Limite

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

(33/51) plr and fixing 1400' of project information Sign board

= 2 Nos vide & TMB p-58

01 Nos — do — p-76

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

(34/) plr and laying thermoplastic paint Road marking

= 20.0 m² vide & TMB p-76

@ Rs 886.00/m² = Rs 17720=00

(35/) plr and fixing Boundary pillar

= 135 Nos vide & TMB p-76

@ Rs - 802.00/each = Rs 108270=00

Continuation

c/o-Rs 39591693=00

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(36/55) const. of embankment with approved materials $= 9600 \text{ m}^3$ vide dly TMB p-58 @ Rs 248.79/m ³ = Rs 238838 = cu					
(37/56) p/v and Granular Sub base by providing well graded G.S.B. $= 45.0 \text{ m}^3$ vide dly TMB p-58 @ Rs 4014.46/m ³ = Rs 180651 = cu					
(38/57) p/v and laying Rec NP3 grade Hume pipe $= 22.50 \text{ m}$ vide dly TMB p-59 @ Rs 7755.21/m = Rs 174492 = cu					
(39/59) dismantling of exist. structures like Culvi Bridge R/Wall etc $= 96.90 \text{ m}^3$ vide dly TMB p-58 @ Rs - 1713.06/m ³ = Rs 165995 = cu					
T= Rs 404516.69 = cu					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B/f =			Rs.	40451669	= 00
Add 187.95 T = Rs.				7281300	= 00
Add 17. L. cess = Rs.				404517	= 00
Total S.F. = Rs.				121821	= 00
			T = Rs.	48259307	= 00
Less Below 11% = Rs.				53085	= 00
			= Rs.	48206222	= 00
⊖ prev. payment = ⊖ Rs.				40339735	= 00
				7866487	= 00
			= Rs.	7866487	= 00

29/03/25
A2

Up to date material statement

(i) E/work = 3241.124 m^3

(ii) p.c.c M-15 = 21.37 m^3

c.sand = 9.60 m^3 @ Rs. $577.80/\text{m}^3$
 ~~$992.33/\text{m}^3$~~

40mm = 11.54 m^3 @ Rs. $992.33/\text{m}^3$

20mm = 5.77 m^3 @ Rs. $1207.76/\text{m}^3$

10mm = 1.70 m^3 @ Rs. $595.16/\text{m}^3$

(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