

H.L. RCC Bridge NH-31 Bandh Pori Balwa
Malahadalit Tola.

— NABARD —

Measurement Book

Schedule XLV-Form No. 134

Bayasi

DIVISION

Dagawa

SUB-DIVISION

Jaya Anwar

1425

97 SBD / NABARD 2020

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) E/Work in excav. for structure					
Name of Contractor :- Jaya Anwar.					
At - Dakaita, Khagaha, Namaili.					
Muzenji. Dist - Purnea (Bihar)					
Name of Work :- Construction of					
R.C.C Bridge (3x10.37) m effective					
span in NH-31 Bandhpul					
Balua Mahadalit tola. in					
Dagaru Block.					
Package No - 975B0/2020-21					
Date of Agreement - 30.01.2021					
Date of Completion - 29.01.2022					
Actual date of Completion - 27-10-2022					
(1) E/Work in excav. for structure					
Comp. as per draw. and T.S.					
= 379.22 m ³ vide dy TMB p-27					
@ Rs 310 = 73/m ³ = Rs 117854 = 00					
(2) providing and laying pcc M-15					
levelling course.					
= 23.33 m ³ vide dy TMB p-27					
@ Rs 6084 = 76/m ³ = Rs 141957 = 00					
gp-Rs					259811 = 00

Continuation

$$B/f = R_s \quad 259811 = \omega$$
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9/9) Carrying initial load Test on test pile for 2.5 times of design load					
= 1 Nos vide & TMB p-28					
@ Rs 1,50,000 = 00/1/5 = Rs 150,000 = 00					
(10/10) Carrying Routine load Test on any pile 1.5 times of design load					
= 1.0 Nos vide & TMB p-28					
@ Rs 1,25,000 = 00/1/5 = Rs 1,25,000 = 00					
(11/11) Carrying out load Test Horizontal pile load Test 1.5 times the design load					
= 1.0 Nos vide & TMB p-28					
@ Rs 1,00,000 = 00/1/5 = Rs 1,00,000 = 00					
(12/12) providing and laying R-c-c m-30 in sub structure Comp as per draw and TS					
41.684 m ³ vide & TMB p-32					
37.392 m ³ vide & TMB p-34					
9.00 m ³ vide & TMB p-35					
14.61 m ³ vide & TMB p-42					
T = 102.686 m ³					
Limit to 102.68 m ³					
@ Rs 8469 = 24/m ³ = Rs 869622 = 00					
(13/13) S/F/F HYSD bar reinf in sub structure Comp as per draw and TS -					
= 3.04 MT vide & TMB p-28					
3.452 MT vide & TMB p-32					
c/- 6.492 MT					
@ Rs 14468140 = 00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B/F = 6.492 MT					
3.607 MT vide &ly TMB P-34					
1.28 MT vide &ly TMB P-34					
1.242 MT vide &ly TMB P-41					
T = 12.621 MT					
Limite to 12.363 MT					
@ Rs 53693 = 19 / MT = Rs 663809 = ∞					
(14/14) providing weep hole in Abutment and R/Wall					
= 90 Nos vide &ly TMB P-32					
@ Rs 121.22 / each = Rs 10910 = ∞					
(15/15) providing Back filling behind Abutment					
= 87.63 m ³ vide &ly TMB P-42					
@ Rs 812 = 36 / m ³ = Rs 71187 = ∞					
(16/16) providing filter media behind Abut and R/Wall					
= 47.52 m ³ vide &ly TMB P-32					
@ Rs 3337 = 27 / m ³ = Rs 158587 = ∞					
(17/17) providing and laying R.C.C M-30 in Super structure Comp. as per draw and TS					
= 80.64 m ³ vide &ly TMB P-36					
80.64 m ³ vide &ly TMB P-38					
80.64 m ³ vide &ly TMB P-40					
T = 241.92 m ³ @ Rs 9548 = 70 / m ³ = Rs 2310021 = ∞					
c/o Rs 17682654 = ∞					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18/18) s/f/f HYSD bar reinf. in Super structure Comp. as per draw and FS.					
= 10.519 MT vide dly			TMB	P-36	
10.519 MT vide dly			TMB	P-38	
10.519 MT vide dly			TMB	P-40	
T= 31.557 MT					
Limit to 31.516 MT					
@ Rs 549 47=58/MT=Rs				17	31728=00
(19/19) providing and laying M-30 Wearing Course					
= 22.63 m ³ vide dly			TMB	P-43	
@ Rs 1311 2=38/m ³ =Rs					296733=00
(20/20) Const. of R.C.C. Gas'n Barrier as per drawing					
= 80.46 M vide dly			TMB	P-43	
@ Rs 2038=02/m = Rs					163979=00
(21/21) providing Drain Spout					
= 4 Nos vide dly			TMB	P-36	
4 Nos — do —				P-38	
4 Nos — do —				P-40	
T= 12 Nos. @ Rs 682=83/each= Rs					8192=00
(22/22) providing M-15 p.c.c. levelling course					
= 8.03 m ³ vide dly			TMB	P-42	
@ Rs 5569=46/m ³ = Rs					44723=00
			c/o-Rs	199	28009=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23/23) providing and laying R.C.C. M-30 in approach slab = 16.07 m ³ vide & TMB p-42 @ Rs 10518=22/m ³ Rs 169028=∞					
(24/24) providing and fixing streap seal Exp Joint = 33.80 Rm vide & TMB p-43 @ Rs 11359=71/Rm Rs 383958=∞					
(25/25) providing and fixing 20mm thick Compressive fibre board = 33.80 Rm vide & TMB p-43 @ Rs 277=40/Rm Rs 9376=∞					
(26/26) providing and fixing 20mm thick pre moulded joint filler = 33.80 Rm vide & TMB p-43 @ Rs 389=32/Rm Rs 13159=∞					
(27/27) providing and Constructing Toe wall of grade p.c.c M-15 = 80.50 m ³ vide & TMB p-44 Limit to 79.04 m ³ @ Rs 6084=76/m ³ = Rs 480939=∞					
(28/28) providing and laying Boulder pitching on slopes. = 136.06 m ³ vide & TMB p-44 @ Rs 3184=08/m ³ = Rs 433226=∞					
(29/29) providing filter material under - neath slope pitching = 68.04 m ³ vide & TMB p-45 @ Rs 3611=66/m ³ = Rs 245737=∞					

Continuation $\text{Rs } 21663432=\infty$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(30/30) clearing and grubbing of Road Land					
= 0.16 Hact vide dy TMB P-45					
@ Rs 53879=81/Hact Rs					8621=00
(31/31) Const. of Embankment with approved materials					
= 8588.795 m ³ vide dy TMB P-49					
Limit to 8581.00 m ³					
@ Rs 190=42/m ³ = Rs					1633994=00
(32/32) Const. of Sub grade and earthen shoulder					
= 158.25 m ³ vide dy TMB P-48					
@ Rs 192=31/m ³ = Rs					30433=00
(33/33) providing and laying well graded G.S.B					
= 165.74 m ³ vide dy TMB P-47					
Limit to 165.24 m ³					
@ Rs 2948=58/m ³ = Rs					487223=00
(34/34) providing laying and compacting W.B.M Gr-III					
= 57.65 m ³ vide dy TMB P-47					
Limit to 57.38 m ³					
@ Rs 3813=07/m ³ = Rs					218794=00
(35/35) providing and applying primer coat with Bitumen Emulsion					
= 768.75 m ² vide dy TMB P-48					
Limit to 765.00 m ²					
@ Rs 42=49/m ² = Rs					32505=00

c/o = Rs 24075002 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
36/36 providing and applying tack coat with Bitumen emulsion					
= 768.75 m ² vide Qy TMB P-48					
Limit to 765.00 m ² @ Rs 14 = 69/m ² = 11238=00					
37/37 providing laying Rolling close graded premix Surface					
= 768.75 m ² vide Qy TMB P-48					
Limit to 765.00 m ²					
@ Rs 199 = 52/m ² = Rs 152633=00					
38/38 providing and fixing 1060' of project information board					
= 3 Nos vide Qy TMB P-49					
@ Rs 9809 = 15/each = Rs 29427=00					
39/39 providing Road marking with hot applied thermo-plastic compound					
= 400 m ² vide Qy TMB P-49					
@ Rs 721 = 98/m ² = Rs 28879=00					
40/40 providing R.C.C. M-15 Boundary pillar					
= 269.00 m vide Qy TMB P-50					
@ Rs 523 = 46/each Rs 140811=00					
41/41 providing and laying R.C.C. NP3 grade Humepipe					
= 200 RM vide Qy TMB P-50					
@ Rs 3642 = 05/Rm = Rs 72841=00					
Total Rs					
245 10 831=00					

Continuation

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