

Schedule XLV-Form No. 134

Plu:- Seranya LO27 to haxiaxpur yadav tola.

R.M.D KISHANGANJ-1

DIVISION

Agency:- D.B Construction, Bhojpur.

R.M.D TERUA GACHH

SUB-DIVISION

MMGSY (M.B).

3201

MEASUREMENT BOOK

1st on A/C bill

1

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 measurements relating to each work.)

the measurements relating to each work.)					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
N/W:-	Serraiya Lo27 to haripur				
	yadav tola.				
Agency:-	D.B. Construction.				
Agg No:-	02/MM6SY/MBD/2020-21.				
Date of start:-	20.08.2020.				
Date of Completion:-	19.08.2021.				
Date of entry:-	20/10/2020.				
Date of m/s:-	20/10/2020.				

① PIF of working benchmark

Pillars ———— EIT

:- 2.460 km

② PIF of Reference pillars — EIT.

:- 2.460 km

③ clearing and grubbing road

land ———— EIT

$$2 \times 30 \times 82 \times 1.125 = 5535 \text{ m}^2$$

:- 0.55 hect

20/10/2020.
 J.E

④ Construction of embankment

with material obtained from

borrow pit with a lead up to

1000 m and 150 m ———— EIT

(graph sheet attached).

Continuation

Isl on a/c Bill
memo of Payment - 8572501/-

18

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
By 5% JSD				428625=-	
By 2% JST				171450=-	
By 1% JLC				85725=-	
By 1% CGST				85725=-	1394541=-
By 1% SGST				85725=-	
By Royalty				437267=-	
By Vig. fee				1,00024=-	
By Clor				71,77,960=-	
				85,72,501=-	
Paid of 8572501/- (Eight, five L)					
Amount has been for land & corp					
<i>C. J. J.</i> 18/2/21					
Executive Engineer R.W.D. Works Division Kishanganj-1					

2nd on A/c Bill

2nd on A/c bill

19

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W! - Serniya Lot 27 to hortapur					
yardaw tola.					
Agency! - D. B. Construction					
App No. - 02/M.M.G.S.V./M.B.D/2020-21.					
Date of start = 20-08-2020.					
Date of completion = 19-08-2021.					
Date of entry = 5/3/2021.					
Date of completion =					
Date of M/S. = 5/3/2021.					

① Construction of granular sub-base by providing well graded material for grading - I material ———— 41.

$$10 \times 30 \times 4.05 \times 0.20 = 243 \text{ m}^3$$

$$5 \times 30 \times 4.05 \times 0.20 = 121.50 \text{ m}^3$$

$$1 \times 30 \times \frac{(5.8 + 4.05)}{2} \times 0.20 = 29.55 \text{ m}^3$$

$$2 \times 30 \times 4.05 \times 0.20 = 48.60 \text{ m}^3$$

$$1 \times 20 \times \frac{(5.4 + 4.05)}{2} \times 0.20 = 18.90 \text{ m}^3$$

$$5 \times 30 \times 3.75 \times 0.10 = 56.25 \text{ m}^3$$

$$1 \times 30 \times \frac{(4.90 + 3.75)}{2} \times 0.10 = 12.97 \text{ m}^3$$

$$1 \times 20 \times 3.75 \times 0.10 = 7.50 \text{ m}^3$$

Total = 538.27 m³

Continuation

5/3/2021

J.E

2nd on A/c Bill
memo of Payment - 427499=.

27

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Pay 5% gsd —			21375=		
Pay 2% gsd —			8550=		42750=
Pay 1% gsd —			4275=		
Pay 1% CGST —			4275=		
Pay 1% SGST —			4275=		
Pay Chk —			384749=		
			<u>427499=.</u>		

Grand f 427499= (Four la
 twenty seven thousand four hundred
 ninety nine)

21/5/21
 Executive Engineer

R.W.D. Works Division

Kishanganj-1

21/5/21

3rd on A/C bill.

28

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w: - Sarniya to 1st to Haripur					
Yadav to 1st					
Agency: - D. B. construction					
Agency No: - 021 MM WSY MBD/2020-21.					
date of start: - 20-08-2020.					
date of completion: - 19-03-2021.					
date of M/s: - 16/08/21.					

① P/L/S and compacting stone aggregates of specific size to water bound macadam (W.B.M-6mm-3) ———— ft.

1	30	$\frac{(5.4+3.75)}{2}$	$\times 0.075$	$= 10.29 \text{ m}^3$
20	30	$\times 3.75$	$\times 0.075$	$= 168.75 \text{ m}^3$
1	30	$\frac{(5.2+3.75)}{2}$	$\times 0.075$	$= 10.06 \text{ m}^3$
20	30	$\times 3.75$	$\times 0.075$	$= 168.75 \text{ m}^3$
1	30	$\frac{(5.0+3.75)}{2}$	$\times 0.075$	$= 9.84 \text{ m}^3$
7	30	$\times 3.75$	$\times 0.075$	$= 59.06 \text{ m}^3$
15	30	$\times 3.75$	$\times 0.075$	$= 126.56 \text{ m}^3$
1	30	$\frac{(5.0+3.75)}{2}$	$\times 0.075$	$= 9.84 \text{ m}^3$
2	30	$\times 3.75$	$\times 0.075$	$= 16.87 \text{ m}^3$
1	20	$\times 3.75$	$\times 0.075$	$= 5.62 \text{ m}^3$

Continuation

T = 585.64 m³

16/8/21
J.E

Abstract of cost

29

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① PIF of working benchmark					
Pillars ———— EIT					
Qty: - 2.46 K.M, vide TMB, p-21					
QA: - 4117.24 K.M,					Rs: - 10,128=00
② PIF of reference pillars — EIT					
Qty: - 2.460 K.M, vide TMA, p-21					
QA: - 1897.73 K.M,					Rs: - 4,668=00
③ clearing and grubbing road					
land ———— EIT					
Qty: - 0.55 hect, vide TMB, p-21					
QA: - 49,496.74 hect,					Rs: - 27,223=00
④ construction of embankment					
With approved material					
obtained from borrow pit					
with a lead up to 100m — EIT					
Qty: - 118.86 m ³ , vide TMB, p-21					
QA: - 175.32/m ³					Rs: - 20,838=00
⑤ construction of embankment					
With approved material					
obtained from borrow pit					
lead up to 100 m — EIT					
Qty: - 903.65 m ³ , vide TMB, p-21					
QA: - 141.39/m ³					Rs: - 1,27,767=00
⑥ construction of sub-grade					
and earthen shoulder — EIT					
Qty: - 5544.13 m ³ , vide TMA, p-22					
QA: - 176.96/m ³					Rs: - 9,81,089=00

Continuation

C.O A: - 11,71,713=00

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ construction of granular sub-base by plv well graded material for grading-I					
material ———— E.I.					
Qty: - 1768.42 m ³ vide TMB, P-22					
@A: - 2790.65 m ³					A: - 49,35,041 = ∞
					1
⑧ P/L of a R.C.C. pipe 3000 mm dia irrigation conduit.					
Pipe ———— E.I.					
Qty: - 75 m, vide TMB, P-22					
@A: - 849.59 m ³					A: - 63,716 = ∞
					1

⑨ dismantling of existing structures like culvert brick masonry ———— E.I.					
Qty: - 89.10 m ³ vide TMB, P-22					
@A: - 228.72 m ³					A: - 20,379 = ∞
⑩ dismantling of existing structures like culvert ———— E.I.					
Qty: - 9.07 m ³ vide TMB, P-22					
@A: - 473.83 m ³					A: - 4298 = ∞
⑪ Removing all type of lime pipe 1000 mm lead ———— E.I.					
Qty: - 5 m, vide TMB, P-22					
@A: - 228.68 m ³					A: - 1143 = ∞

Continuation

C.O A: - 61,96,290 = ∞

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑫ E/W in excavation for - foundation of str — E/I					
Qty: - 59.60 m ³ , vide TMB, P-23					
@ R: - 260.59/m ³					A: - 15,531 = 00
⑬ providing (M-15) concrete for plain concrete in open foundation — E/I					
Qty: - 5.92 m ³ , vide TMB, P-23					
@ R: - 6252.89/m ³					A: - 37,012 = 00
⑭ P/L R.C.C. pipe Np-5 for culvert 1500 mm ϕ — E/I					
Qty: - 15 m, vide TMB, P-23					
@ R: - 4062.86/m					A: - 60,943 = 00
⑮ providing concrete for plain/ reinforced concrete in foundation (M-20) — E/I					
Qty: - 61.22 m ³ , vide TMB, P-23					
@ R: - 7013.72/m ³					A: - 4,29,380 = 00
⑯ painting two coats including primer coats — E/I					
Qty: - 232.47 m ² , vide TMB, P-23					
@ R: - 95.63/m ²					A: - 22,231 = 00
⑰ E/W in excavation for structures as per — E/I					
Qty: - 332.82 m ³ , vide TMB, P-23					
@ R: - 260.59/m ³					B: - 86,730 = 00
					/

Continuation

C.O. A: - 68,48,117 = 00

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) plain cement concrete (M-15)					
in levelling course — E.I.					
Qty: - 24.51 m ³ , vide TMB, P-24.					
@ R: - 6252.09/m ³					A: - 1,53,238 = ∞
(19) S/F/R HYSD bar reinforcement					
in super structure — E.I.					
Qty: - 2.959 MT, vide TMB, P-24.					
@ R: - 53,855.76/MT					A: - 1,59,359 = ∞
(20) Plain reinforced cement concrete (M-20) in sub str					
— E.I.					
Qty: - 83.16 m ³ , vide TMB,					
P-24.					

@ R: - 7225.06/m ³					A: - 6,00,836 = ∞
(21) providing p.c.c (M-15)					
concrete in open foundation — E.I.					
Qty: - 108.75 m ³ , vide TMB,					
P-24.					
@ R: - 7013.72/m ³					A: - 7,62,742 = ∞

(22) S/F/R HYSD bar reinforcement					
in super structure — E.I.					
Qty: - 1.11 MT, vide TMB,					
P-24.					
@ R: - 54,923.75/MT					A: - 6,09,65 = ∞
/					

Continuation

C.O A: - 85,85,257 = ∞

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
23) providing and laying					
R.C.C in super str-ELI					
Qty: - 13.20 m ³ TMB. P-24					
@ R: - 8,318.33/m ³					A: - 1,09,802 = ∞
24) P/L R.C.C in super					
structures (M-25) — ELI					
Qty: - 13.185 m ³ , vide TMB. P-24					
@ R: - 8318.33/m ³					A: - 1,09,677 = ∞
25) Drainage spouts complete					
— ELI					
Qty: - 12 nos, vide TMB. P-25					
@ R: - 513.38/m ³					A: - 6160 = ∞
26) P/L cement concrete					
wearing coats — ELI					
Qty: - 3 nos, vide TMB. P-25					
@ R: - 13,399.78/m ³					A: - 41,220 = ∞
27) Copping plain/reinforced					
concrete (M-20) in					
sub/structures — ELI					
Qty: - 2.25 m ³ , vide TMB. P-24					
@ R: - 7,225.06/m ³					A: - 16,256 = ∞
28) Back filling behind, wing					
well, Abut well — ELI					
Qty: - 75.42 m ³ , vide TMB					
P-25					
@ R: - 690.24/m ³					A: - 52,058 = ∞

Continuation

C.O R: - 89,20,430 = ∞

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
29) P/L filter material under north pitching slope — E.I.					
Bty: - 53.55 m ³ , vide TMB. p. 25					
@ Rs: - 4605.08/m ³					R: - 2,46,602=00
30) providing weep holes in brick masonry 100 mm					
φ A.C — — — E.I.					
Bty: - 96 nos, vide TMB. p. 25					
@ Rs: - 111.70/nos,					R: - 10,723=00
					Total R: - 91,7
31) P/Ls and compacting stone aggregates of specific size to water					
bound macadam (w. B.M)					
gr- 3 — — — E.I.					
Bty: - 585.64 m ³ , vide TMB,					
P- 28.					
@ Rs: - 4920.63/m ³ ,					R: - 28,81,717=00
					Total R: - 1,20,59,472=00
Add 17. L-cells					(A) R: - 1,20,595=00
Add 12. G.S.T					(A) R: - 14,47,136=00
					Total R: - 1,36,27,203=00
above 0.46%.					(A) R: - 62,685=00
					Total R: - 1,36,89,888=00
Less previous pay.					(-) R: - 85,72,501=00
					(-) R: - 4,27,499=00
					Total R: - 46,89,888=00.

Continuation

 Sup
 15/9/21
 J.E

13