

20741-71915 (1532 20750112)

Named work - H.L. Bridge is Surkhalatti to Haulkari road.

Schedule XLV Form No. 134.

शेड्यूल 45 नम - प्रतापगढ़ संसि फिनु

Executive Engineer
H.L. Works Division.

DIVISION

Baheri

SUB-DIVISION

MB.No: - 4058

Measurement Book

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:- Construction of high level R.C.C Bridge in Surhachatti to the Hithauri Road in place of damaged screw pile Bridge.					
Agency:- Shivelani Engineers.					
At:- Schildhager, post:- Laheria.					
Sector Dist:- Darbhanga					
Ag Valve- RS 29800431-00/-					
Ag NO:- 14/SBD/2021-22					
Date of start:- 14/05/2021					
Date of completion:- 13.05.2023					
Estimated cost:-					
(1/9) SFP 14 SD bar in reinforcement in band					
— do — do —					
69.172 MT vide TMB page (14)					
@ RS. 53483.61/MT — RS 3699568.00/-					
(2/3) PIV steel line 95 6mm thick — do — do —					
10.75 MT vide TMB page (14)					
@ RS. 69772.61/MT — RS 750056.00/-					
(3/4) PIV Bored cast in situ RCC M ₃₅ — do — do —					
528.54 m vide TMB page (14)					
@ RS. 16293.00/MT — RS. 8611502.00					
C/O RS.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BEAS
(4/2) PIV service road etc					
do do do					
58.77 m ² vide TMR page (15)					
@ RS. 3705.00/m ²					RS. 217743.00
(5/1) E/W in excavation					
in bound ⁿ do do					
446.481 m ³ vide TMR page (15)					
@ RS. 79.80/m ³					RS. 35629.00
(6/5) Dismantling of existing structure					do do
27.154 m ³ vide TMR page (15)					
@ RS. 1227.00/m ³					RS. 33318.00
(7/6) PIV sand filling in bound ⁿ trenches					do do
18.92 m ³ vide TMR page (15)					
@ RS. 473.06/m ³					RS. 8950.00
(8/7) PIV PCC M ₁₅ base levelling					
course do do					
18.92 m ³ vide TMR page (15)					
@ RS. 5899.76/m ³					RS. 111623.00
(9/15) SFF & placing HYSD bars reinforcement in sub structure					do do
24.71 MT vide TMR page (15)					
@ RS. 53645.61/MT					RS. 1325583.00
					C/O BS.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BEAS
(10/8) p/v R.C.C M ₃₅ in pile					
cap - do - do					
320.38 m ³ vide TMR page (16)					
@ RS. 7163.65/m ³					RS. 2295090/-
(11/10 & 11) p/v R.C.C M ₃₀ in sub					
structure - do - do					
97.69 m ³ vide TMR page (15)					
@ RS. 7290.26/m ³					RS. 712185.00
(12/13) supplying bedding & lining					
elastomeric bedding					
including - do - do					
273067.20 cm ³ vide TMR page (15)					
@ RS. 0.78 cm ³					RS. 212992/-
(13/14) p/v Weep holes in rein-					
basement concrete abutment					
ent/R. Wall - do - do					
32.0 Nos vide TMR page (16)					
@ RS. 118.00/each					RS. 3776.00
(14/12) p/v R.C.C M ₃₀ Conc in					
abutment sheet piling					
& piers hammer head					
with - do - do					
30.998 m ³ vide TMR page (16)					
@ RS. 7421.26/m ³					RS. 230044/-
					cl/o RS.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BEES
(15/19) SEE & placing RYS bars reinforcement in super structure — do — do —					
38.41 MT vide TMB page (17)					
@ RS. 54900.61/MT — RS. 2108732.00					
(16/18) p/v & laying R.C.C M ₃₀ in Super structure — do —					
— do — etc all comp job					
244.98 m ³ vide TMB page (17)					
@ RS. 7940.26/m ³ — RS. 1945205.00					
(17/16) p/v back billing behind chutment, & well — do —					
— do — all comp job					
113.988 m ³ vide TMB page (17)					
@ RS. 780.06/m ³ — RS. 88917.00					
(18/20) p/v R.C.C M ₃₀ in wear ring coat — do —					
— do — all comp job					
34.239 m ³ vide TMB page (18)					
@ RS. 10893.02/m ³ — RS. 372966.00					
(19/25) p/v & laying strip seal expansion joint — do —					
— do — all comp job					
33.80 m vide TMB page (18)					
@ RS. 11284.00/m — RS. 381399.00					
c/o RS					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					TBFBS
(20/22) P/V drainage spout complete — do — do —					
18.00 Nos vide TMB page (18)					
@ Rs. 849.00/m —					Rs. 15282.00
(21/21) constn of precast RCC ceiling of M ₃₀ grade concrete — do —					
137.34 m vide TMB page (18)					
@ Rs. 1624.21/m —					Rs. 223069.00
(22/29) constn of embankment with material					
970.147 m ³ vide TMB page (18)					
@ Rs. 210.00/m ³ —					Rs. 203731.00
(23/30) constn of granular sub base gnd — do —					
36.563 m ³ vide TMB page (18)					
@ Rs. 2803.72/m ³ —					Rs. 102504.00
(24/31) P/V & laying 1000 mm RCC hollow pipe — do — do — — do — all comp job					
7.50 m vide TMB page (19)					
@ Rs. 3768.09/m —					Rs. 84782.00
(25/28) P/V & erecting direction & place identification					
					CLOS

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
TBE BP					
retro-reflectored					
sign — do — do —					
1.8 m ² vide TMB page (19)					
@ RS. 10906.00/m ² — RS. 19631.00					
(26/35) R/W in excavation for					
structure — do — do —					
223.20 m ³ vide MR (4057) p (65)					
Limited (222.75) m ³					
@ RS. 79.80/m ³ — RS. 17775.00					
(27/37) supplying blinding &					
paving — do — do —					
2.85 m ³ vide MR (4057) p (65)					
Limited (2.33) m ³					
@ RS. 53483.61/m ³ — RS. 124617.00					
(28/36) p/v pcc m ³ in bound ⁿ					
complete — do — do —					
25.80 m ³ vide TMB page (65)					
253.20 m ³ vide MR (4057) p (66)					
279.00 m ³ limited (278.85) m ³					
@ RS. 6306.92/m ³ — RS. 1758685/-					
(29/38) p/v weep holes in					
plain/reinforced — do —					
— do — all comp top					
40.00 m ³ vide MR (4057) p (66)					
@ RS. 118.00/each — RS. 4720.00					
c/o RS 25700074.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F.D.S.
(30/39) clearing & grubbing road land - do - do -					
0.064 Feet wide MR (4057) p (67)					
@ RS. 53680.00/acre RS. 3448.00					
(31/40) constn of embankment - do - do -					
2134.00 m ³ vide MR (4057) p (67)					
@ RS. 53680.00/m ³ RS. 114480.00					

					1
					Total RS. 26151662.00
					Add GST 12% @ RS. 3138199.00
					Add LC 1% @ RS. 261517.00
					Add previous seigniorage fee @ RS.
					RS. (677765 + 28161) = RS. 95926
					Add current seigniorage fee @ RS. 22711.00
					40 RS. 29670015.00

Continuation

SF calculation

N - 2356.75 m^3

@ $34.81/\text{m}^3 \times 0.10$ — egg —

— 133.848 m^3

@ $494.15/\text{m}^3 \times 0.10$ —

egg — 66.924 m^3

@ $604.91/\text{m}^3 \times 0.10$

— 22.308 m^3

@ $668.89/\text{m}^3 \times 0.10$

— 133.848 m^3

@ $175.89/\text{m}^3 \times 0.10$

— 17.589 m^3

MS 2

Self MS 2

19/01/24

J.T Continuation

Continuation

$$\textcircled{=} 34.81/\text{m}^3 \times 0.10 = 3.481$$
$$40 \text{ mm} - 133.848 \text{ mm}^3$$
$$\textcircled{08.494.15/m^3 \times 0.10 = 08664.09}$$

20mm Stone egg - 66.924 m³ x 0.10

$$\textcircled{c} \text{ } 604.91/\text{m}^3 \times 0.10 = \text{ } 60.491 \text{ m}^3$$

10 mm stone	-	22.308 m ³
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$$\text{@ } 15.668 \text{ g/m}^3 \times 0.10 = \text{1.5668 g}$$

Scmd $\rightarrow 133.848 \text{ m}^3$

Ans $175.89 \text{ m}^3 \times 0.102 = 17.93 \text{ m}^3$

$$\text{Ans } 22710.79 \text{ m}^2$$

sayes 22711.00/-

18/19/01/24