

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) N/W:- Const ⁿ of high level					
bridge across Behuan Nala					
on Pipra kotu to Semra Bazar					
road, in Persauni wajid.					
2) Agency:- Munna Kumar Singh.					
At-Vent Post - kotwa,					
East Champaran.					
3) Agreement No:- SBP-22/2020-2021					
4) Date of work order:- 24/11/2020					
5) Contract date of comp. 23/11/2021.					
6) Item of work done:-					
(1) Sand filling in 4m trench.					
(Pier cap).					

$$1 \times 5.30 \times 5.30 \times 0.100 = 2.809 \text{ m}^3$$

(2) Providing & laying PCC M15

in levelling course - (Pier).

$$1 \times 5.30 \times 5.30 \times 0.100 = 2.809 \text{ m}^3$$

(3) Supplying fitting & placing

of HYSD bars in pier cap.

(a) 8 mm dia bars -

$$1 \times 34 \times 4.950 = 168.30 \text{ mtr}$$

$$1 \times 34 \times 4.950 = 168.30 \text{ mtr}$$

$$336.6 \text{ mtr}$$

$$336.6 \text{ mtr} @ 0.40 \text{ kg/m} = 0.134 \text{ MT}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	@	1.58 kg/m			0.110 MT
→ 12 mm ϕ bars -					
1x 4x 0.012					32.048 mtr
	@	0.89 kg/m			0.028 MT
					0.373 MT
Add 5% for wastage &					0.418 MT
lapping					8.791 MT
Qty for 02 Nos of span					
2	2x	8.791 MT			17.582 MT
(8) Providing RCC M30 grade					
conc. for 13.5m span -					
2x	53.0 m ³				106 m ³ .
(9) M30 in abutment -					
2x	8.45 x (0.9 + 0.9) x 0.45				6.844 m ³
(10) abutment -					
1x	1/4 x (1.4 x 1.4) x 1.325				2.040 m ³
(11) pier bottom pedestal -					
1x	5.10 x 1.00 x 0.500				4.845 m ³
					13.730 m ³
Abutment Demand 12.03 m ³					
Abstract of cost:-					
[1/1] Pile load test on single					
vertical pile					
Qty. 1644 MT (vide P-2)					
@ 300/MT					493200.00
[2/2] Pile load test on single					
Continuation					493200.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
re-thick. pile -					
Qty - 48.0 MT (vide P-2)					
@ 5000/MT					₹ 240,000.00
[3/3] E/W in excavation of					
for of the waste					
Qty - 292.07 m ³ (vide P-3)					
@ 76.0					₹ 22,197.00
[4/4] Providing one lane -					
service road -					
Qty - 27 RM (vide P-1)					
@ 3704/RM					₹ 1,00,008.00
[5/5] Providing & laying 6mm					
thick steel liner -					
Qty - 4.938 MT (vide P-12)					
@ 67067.89/MT					₹ 331,818.00
[6/7] Bored cast-in-situ					
pile M35 grade					
Qty - 322.50 RM (vide P-11)					
@ 16530.46/RM					₹ 5331,073.00
[7/8] Dismantelling of existing					
structure -					
Qty - 18.10 m ³ (vide P-1)					
@ 1208.00/m ³					₹ 21,853.00
Continuation					6539,512.00

B/F-6539,512.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
[8/9] Sand filling in fdn.					
Qty- 12.296 m ³ (vide P-9)					
@ 471.06/m ³					₹ 5,792.00
[9/10] Providing & laying PCC					
M15 in levelling course -					
below pile cap -					
Qty- 12.296 (vide P-13,16)					
@ 6093.74/each					₹ 74,929.00
[10/11] Cement concrete for RCC					
M35 in pile cap -					
Qty- 201.468 m ³ (vide P-13,17)					
@ 7376.79/m ³					₹ 1,490,448.00
[11/12] Supplying & fitting & placing of HYSD Bars in foundation -					
Qty- 36.474 MT (vide P-13,17)					
@ 56277.89/MT					₹ 20,52,680.00
[12/13] Providing RCC M30 mechanically mixed concrete.					
Qty- 13.73 m ³ (vide P-30)					
@ 7503.96/m ³					₹ 1,03,029.00
[13/17] Supplying & fitting & placing					
Continuation					1,03,063,90.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
of electromeic bearing -					
Qty - 1820 14.80 Cur m (vide p-26)					
@ 0.478					₹ 1,19,95.00
[14/18] Providing deep holes					
in abutment cap-					
Qty - 16 Nos (vide p-25)					
@ 118.0/each					₹ 1,888.00
[15/19] supplying fitting &					
placing of HYSD bars -					
Qty - 10.89 MT (vide p-25)					
@ 56.437.89					₹ 6,14,609.00
					₹ 6,14,609.00

[16/24] Providing RCC 130 grade					
and super structure					
Qty - 106 m ³ (vide p-30)					
@ 8170.96/m ³					₹ 8,66,122.00
[17/26] Providing HYSD bars					
in all types of RCC work					
Qty - 17.58 MT (vide p-30)					
@ 57673.89/MT					₹ 10,13,907.00
					1,29,44,911.00
less @ 15% as per agg. (-)					1,94,17,37.00
					1,10,02,874.00
Add 2% Labourers -					1,10,02,9.00

Continuation

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	Material	Statement
(1) Sand	-	2.89 m^3
(2) PCCM 15-		
	ceement	- 16 bags.
	Sand	- 1.26 m^3
	Asidegate	- 2.83 m^3
(3) RCCM 35-		
	ceement	- 396 bags.
	Sand	- 21.06 m^3
	Agreegate	- 41.20 m^3

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