

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd on A/c Bill					
Name of work: Construction of					
High level R.C.C Bridge					
across river Harbolwa					
Saroh on Grangabipar to					
Harbolwa RWD road Under					
NABARD					
Block - Chiraiya					
Agency - M/s Rudraani Infracon,					
NH28A Matliya Zirat,					
Motihaki, Dist-East Champaran					
Agreement no - 08 SDD/2020-21					
Agreement value :					
3,08,53,761=00					
4,45,348=00					
Rs 3,12,99,109=00					
Date of work order - 06/06/2020					
Date of completion as					
per Agreement - 05/06/2021					
Date of Measurement -					
11/12/2020					
① Providing & laying					
HYSD Steel Reinforcement					
Abutment A.					
Pile P2 - ①					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Vertical bar					
20mm $\rightarrow$ 20 Nos $\times$ 27.485 m $\times$ 2.47 kg/m					
					= 1.35 mt
Stirrups					
10mm $\rightarrow$ 173 Nos $\times$ 3.499 m $\times$ 0.62 kg/m					
					= 0.37 mt
Pressure bar					
16mm $\rightarrow$ 27 Nos $\times$ 3.499 m $\times$ 1.58 kg/m = 0.14 mt					
Add 5% wastage					= 0.09 mt
					Total 1.95 mt
(2) Providing steel lines					
6mm thick					

2 Nos $\times$ 1 $\times$ 1.20 m $\times$ 1.0 m $\times$ 47.10 kg/m					
					= 0.355 mt
5% wastage					0.017 mt
					= 0.372 mt

(3) Bored Cast in situ

R.C.C M35 grade

1200 mm dia

18.24 M



11/12/2020

J.E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12/12/2020					
① Providing & fixing					
(S.F.F) HYSD steel					
Reinforcement					
Pile P2 - (2)					
Vertical bar					
20mm ϕ $\rightarrow$ 20 nos $\times$ 27.485 m $\times$ 2.47 kg/m					
					= 1.35 mt
Stirrups					
10mm ϕ $\rightarrow$ 173 nos $\times$ 3.499 m $\times$ 0.62 kg/m					
					= 0.37 mt
Pressure bar					
16mm ϕ					
27 nos $\times$ 3.499 m $\times$ 1.58 kg/m = 0.14 mt					
Add 5% wastage = 0.09 mt					
Total = 1.95 mt					
② Providing steel liner					
6mm thick					
2 nos $\times$ 5 $\times$ 1.20 m $\times$ 1.04 m $\times$ 47.10 kg/m					
					= 0.355 mt
5% wastage					= 0.017 mt
					= 0.372 mt
③ Bored Cast in situ					
R.C.C M35 grade					
1200mm ϕ					18.24 m
12/12/2020					
JE					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15/12/2020					
① S.F.F HYD Steel					
Reinforcement in					
Pile 2 - (3)					
Vertical bar					
20mm $\rightarrow$ 20 nos $\times$ 27.485 m $\times$ 2.47 kg/m					
					= 1.35 mt
stirrups					
10mm $\rightarrow$ 173 nos $\times$ 3.499 m $\times$ 0.62 kg/m					
					= 0.37 mt
Pressure bar					
16mm $\rightarrow$ 27 nos $\times$ 3.499 m $\times$ 1.58 kg/m					
					= 0.14 mt
Wastage 5%					= 0.09 mt
					Total = 1.95 mt
② Providing steel liner					
6mm thick					
2 nos $\times$ 1 $\times$ 1.20 m $\times$ 1.0 m $\times$ 47.10 kg/m					
					= 0.355 mt
Wastage 5%					= 0.017 mt
					0.372 mt
③ Band cast in situ					
R.C.C M35 grade of					
1200mm $\times$					18.24 m
15/12/2020					
J.E					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16/12/2020					
① S.F.F HYSD steel					
Reinforcement in					
Pile P2 - (4)					
Vertical bar					
20mm ϕ - 20 nos $\times$ 27.985m $\times$ 2.47 kg/m					
					= 1.35 mt
Stirrups					
10mm ϕ $\rightarrow$ 173 nos $\times$ 3.499m $\times$ 0.62 kg/m					
					= 0.37 mt
Pressure bar					
16mm ϕ $\rightarrow$ 27 nos $\times$ 3.499m $\times$ 1.58 kg/m = 0.14 mt					
Wastage 5%					= 0.09 mt
					= 1.95 mt
② providing steel liner					
of 6mm thick					
2 nos $\times$ π $\times$ 1.20m $\times$ 10mm $\times$ 7.10 kg/m					
					= 0.355 mt
5% wastage					= 0.017 mt
					= 0.372 mt
③ Cast in situ R.C.C					
M35 grade of 1200mm					
diam					
					18.24 m
16/12/2020					
J.E					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19/12/2020					
① S.F.F HYD steel					
Reinforcement in pile					
Abutment A ₂ - ①					
Vertical bar					
20mm $\rightarrow$ 21 nos $\times$ 23.425m $\times$ 2.47 kg/m					
					= 1.21 mt
Stirrups					
10mm					
146 nos $\times$ 3.499m $\times$ 0.62 kg/m = 0.31 mt					
Pressure bar					
16mm $\rightarrow$ 23 nos $\times$ 3.499m $\times$ 1.58 kg/m					
					= 0.12 mt
Wastage 5%					= 0.08 mt
					= 1.72 mt
② Providing steel liner					
of 6mm Thick					
2 nos $\times$ π $\times$ 1.20 m $\times$ 1.0m $\times$ 47.10 kg/m					
					= 0.355 mt
5% wastage					= 0.017 mt
					= 0.372 mt
③ Bored Cast in situ					
R.C.C M35 grade of					
1200mm dia pile					
					17.83 m
19/12/2020					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20/12/2020					
① S.F.F HYSD steel					
Reinforcement in					
Pile of					
Abutment A ₂ - ②					
Vertical bar					
20mmφ - 21 Nos × 23.425m × 2.4749/m					
					= 1.21 mt
Stirrups					
10mmφ → 146 Nos × 3.499m × 0.6248/m					
					= 0.31 mt
Pressure bar					
16mmφ → 23 Nos × 3.499m × 1.5845/m					
					= 0.12 mt
Wastage 5%					= 0.08 mt
					= 1.72 mt
② Providing steel liner					
6mm thick					
2 Nos × π × 1.20m × 1.0m × 7.10 kg/m					
					= 0.355 mt
Wastage 5%					= 0.017 mt
					= 0.372 mt
③ Bored Cast in situ					
R.C.C M35 grade					
φ 1200mm					17.83 m
20/12/2020					
J.E					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
25/12/2020					
① S.F.F MYS Steel					
Reinforcement in					
Pile of					
Abutment A2 - ②					
Vertical bar					
21mm - 21 Nos x 23.425m x 2.17kg/m					
					= 1.21mt
Stirrups					
10mm - 146 Nos x 3.499m x 0.62kg/m					
					= 0.31mt
Pressure bar					
16mm - 23 Nos x 3.499m x 1.58kg/m					
					= 0.12mt
Wastage 5%					
					= 0.08mt
					= 1.72mt
② Providing steel liner					
of gun truck					
2 Nos x 1.20m x 7 x 10m x 47.10kg/m					
					= 0.355mt
Wastage 5%					
					= 0.017mt
					= 0.372mt
③ Bored Cast in situ					
RCC M35 grade in					
pile of 1200mm					
					17.83M
25/12/2020					
JE					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
06/01/2021					
(1) S.F.F HSS steel					
Reinforcement in					
Pile of Abutment A ₂ - (4)					
Vertical bar					
20mmφ - 2 Nos x 23.425 m x 2.47 kg/m					
					= 1.21 mt
Stirrups					
10mmφ - 146 Nos x 3.499 m x 0.62 kg/m					
					= 0.31 mt
Pressure bar					
16mmφ - 23 Nos x 3.499 m x 1.58 kg/m					
					= 0.12 mt
Wastage 5%					= 0.08 mt

					1.72 mt
(2) Bridging Steel liner					
of 6mm Thick					
2 Nos x 11 x 1.20 m x 1.0 m x 47.10 kg/m					
					= 0.355 mt
Wastage 5%					= 0.017 mt
					= 0.372 mt

(3) Board cast in situ					
R.C.C M35 grade in					
Pile of 1200 mm φ					
					17.83 m

06/01/2021
J.E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19/01/2021					
① S.F.F. MCD steel reinf.					
in Pile of Abutment A ₂ - (5)					
Vertical bars					
20mmφ - 2 nos × 23.425m × 2.47 kg/m					
					= 1.21 mt
Stirrups					
10mmφ - 146ms × 3.499m × 0.62 kg/m					
					= 0.31 mt
Pressure bar					
16mmφ - 23ms × 3.499m × 1.58 kg/m					
					= 0.12 mt
Wastage 5%					= 0.08 mt
					= 1.72 mt
② providing steel liner					
of 6mm thick					
2 nos × π × 1.20m × 1.0m × 47.10 kg/m ²					
					= 0.355 mt
Wastage 5%					= 0.017 mt
					= 0.372 mt
③ Bore cast in situ					
R.C.C M35 grade in					
Pile of 1200mmφ					
					17.83m
19/01/2021					
J-E					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24/01/2021					
① S.F.F HYSD steel					
Reinforcement in pile					
of Abutment A ₂ - (6)					
Vertical bar					
20mmφ - 21 Nos x 23.425m x 2.4749/m					
					= 1.21mt
Stirrups					
10mmφ - 146 Nos x 3.499m x 0.6248/m					
					= 0.31mt
Pressure bar					
16mmφ - 23 Nos x 3.499m x 1.5848/m					
					= 0.12mt
Wastage S.F.					= 0.08mt
					= 1.72mt
② Provision & laying steel					
liner of 6mm thick					
2 Nos x 1 x 1.20 m x 1.0m x 47.10kg/m					
					= 0.355mt
Wastage S.F.					= 0.017mt
					= 0.372mt
③ Barred cast in situ					
R.C.C M35 grade in					
Pile of 1200mmφ					
					17.83m
24/01/2021					
J-E					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of Cost					
(1) 35 Construction of embankment with lead up to 1000m					
814m ³ side mms P13					
@ 195200m ³					1,58,730=
(2) 39 Providing laying R.C.C.					
NP3 H.P of 1.0m dia					
15.0m side mms P13					
@ 3914=04					58711=00
(3) 12 S.F.F HYSD steel Reinforcement in					
Foundation					
18.12mt side mms P13					
1.95mt side mms P18					
1.95mt side mms P19					
1.95mt side mms P20					
1.95mt side mms P21					
1.72mt side mms P22					
1.72mt side mms P23					
1.72mt side mms P24					
1.72mt side mms P25					
1.72mt side mms P26					
1.72mt side mms P27					
36.24mt @ 50.173=89					18,18,302=00
					20,35,743=00

Continuation

2K

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Pot	20,35		743200
(4) 6	providing & laying steel lines of 6mm thick				
3.72mt	vide	TMS	P14		
0.372mt	vide	TMS	P18		
0.372mt	vide	TMS	P19		
0.372mt	vide	TMS	P20		
0.372mt	vide	TMS	P21		
0.372mt	vide	TMS	P22		
0.372mt	vide	TMS	P23		
0.372mt	vide	TMS	P24		

0.372mt	vide	TMS	P25		
0.372mt	vide	TMS	P26		
0.372mt	vide	TMS	P27		
7.44mt	63,172=89			4,70,006=00	
(5) 7	Bored cast in situ R.C.C M35 grade vertical pile of 1200mm dia				
179.94m	vide	TMS	P15		
18.24m	vide	TMS	P18		
18.24m	vide	TMS	P19		
18.24m	vide	TMS	P20		
18.24m	vide	TMS	P21		
17.83m	vide	TMS	P22		
270.73m	Continuation				25,05,749=00

E.K.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
bt 270.73 m		Pof	25.05		749=00
17.83 m	vide	Tmr3	P23		
17.83 m	vide	Tmr3	P24		
17.83 m	vide	Tmr3	P25		
17.83 m	vide	Tmr3	P26		
17.83 m	vide	Tmr3	P27		
359.88 m @	16571=81			59,63,863=00	
				84,69,612=00	
				84,696=w	
Add 1% L. w					
Add 12% GST				10,16,353=00	
				95,70,661=00	

0.21% below as per Agreement				(-) 20,098=00	
				Rs 95,50,563=00	
Less Paid 1st A/c bill					
vide Tmr3 P16				(-) 48,97,877=00	
				Rs 46,52,686=00	

27/01/2021
J-E

27/01/2021
AC

27/01/2021
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Material Statement

- ① Coarse sand - 95.53 m³
- ② Stone chips - 183.07 m³

27/01/2021
J-E

Continuation