

Nilu- Const. of RCC Bridge over Bakkar River in
Between Ramnagar village & meghpur village

Schedule XLV-Form No. 134

MADE

आमिण काम विभाज काम प्रमंडल, फुवरी

DIVISION

आमिण काम विभाज काम प्रमंडल, फुवरी

SUB-DIVISION

Measurement Book

-2287

6.5.20

Nil Agency- Ramvir Nirman Pvt. Ltd.

Agreement No. 68(SR8) /2019-20

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Work:-	Construction of R.C.C Bridge over				
	Bakaur river in between Ramnagar				
	village to Meghpin village in				
	Sarsand block in Sitamarhi District				
	under (NABAD) Head -				
Agency:-	M/s	Ranveer	Nirman Pvt Ltd.		
Agreement No -	18/	SBD/	2019-20.		
Date of Start:-	23	01	2020		
Date of completion:-	22	01	2021.		
Date of Measurement:-					
1) Supplying Fitting and placing					
uncotted	HYSD	bar			
reinforcement in foundation					
complete as per drawing and					
Technical specification - (in foundation)					
Abutment (A2) pile cap. (Side)					
<u>Mesh Jalli</u>					
a) In traffic direction	10mm dia				
10mm dia ϕ	44	4.95	217.80 Q.M	0.62 kg/m	135.036 kg
b) In current direction					
10mm dia ϕ	26	8.55	222.3 m	0.62 kg/m	137.826 kg
c) Bottom bar in current direction					
20mm dia	42	11.802	495.684 mt		
			= 483.882 mt		
	@ 2.47 kg/m				1224.339 kg
d) Traffic direction -					
20mm dia -	72	8.202	590.544 @		1458.644 kg

Continuation 2.47 kg/m =

Total steel reinforcement in kg = 2955.845 kg

C/O

—; Abstract of Cost I —

—; 3rd on A/c Bill I —

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Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ref Vide	MB No -		2287	P-22	-23.
And	MB No -		2286	P-18	-21.
(1) Dismantling of existing structure					
alg vide	TMB-P-	(14)			
alg	12.219 m ³	@	1129.18/m ³		
				⇒	13797.00
(2) Providing and laying steel liner 10mm thick					
alg vide	TMB-P-	(13)			
alg	1.062 MT	@	8599.41/MT	⇒	91331.00/-
(3) Broad cast in situ M35 grade concrete vertical pipe					
alg vide	TMB-P-	15.			
alg	378.00 m ³	@	17432.74/m ³		6589,576.00
(4) S/F and placing HYSD bar reinforcement in foundation					
alg vide	TMB-P-	(15)			
alg	48.23 MT				
alg	5.281 MT				
Total -	53.511 MT	@	76145.14/MT		
					= 4,074,603.00/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	E.	D.	
(5) R.C.C M30 grade in pile cap in foundation					
alg vide TMB-P-(15)-					
alg 159.732 m ³					
alg 79.866 m ³				P-(23)	
alg 239.598 m ³ @ 8328.92/m ³					
					= 1995593.00/-
(6) Earth work in excavation in foundation					
alg vide TMB-P-(15)					
alg 537.346 m ³					
alg 383.818 m ³					
alg 921.164 m ³ @ 123.22/m ³					113506.00
(7) Providing and laying R.C.C MIS grade concrete in foundation					
alg vide TMB-P-(16)					
alg 7.546 m ³					
alg 3.773 m ³					
toally - 11.319 m ³ @ 6940.57/m ³					78560.00/-
(8) ^{Substructure} Providing R.C.C M30 Mechanically mixed concrete in abutment shaft with stone aggregate 20mm nominal size					
alg vide TMB-P-(16)					
alg 38.223 m ³					
alg 49.760 m ³				P-(23)	
alg 87.983 m ³ @ 8630.97/m ³					759379.00/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Providing R.C.C M30 Mech anticolly mixed concrete in abutment shaft cap pier shaft cap etc alg vide TMB-(23)					
alg 21.903 m ³ @ 8630.97/m ³ ⇒					1,89,044.00/-
(10) Supplying fitting and placing MSD reinforcement in substructure, complete as per drawing and Technical specification alg vide TMB-B- (2) M&NO- (228C)					
alg 4.46 MT @ 76292.60/MT					3,40,265.00/-
Subtotal Amount (Rs)					1,42,45,654.00/-
Less @ 10% below Agreement -					(-) 14,24,565.00.
					128,21,088.60.
Less R.A Bill Amount (Rs)					112,16,138.00.
Net payable Amount (Rs)					16,04,950.60/-
Say Rs. 16,04,951.00/-					
Shendul 01/07/2022 JE				Rohit Ranjan 1-07-2022 A.E	Check & Pass M&A A.E.22
Material statement:					
(i) Stone chips - 67.89 m ³					
(ii) coarse sand 33.95 m ³					
Shendul 01/07/2022 JE				Rohit Ranjan 1-07-2022 A.E	