

Name of works - Construction of minor Bridge over Rehua

Schedule XLV-Form No. 134

River Reo Road To Pachamwa

DIVISION

M.B.N. 1730/23-24

Name of Block Nasleatigafo **SUB-DIVISION**

MEASUREMENT BOOK

M/S Maszani Niswan

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of					
Minor Bridge over Rethua -					
River in REO Road to Panchawa					
in Block:- Nankahagump					
Agency:- M/s Narayani Nirman					
At:- Hariwadika Chowk					
Bettiah, W. Champaran.					
Agreement No:- 15/2023-24					
Date of start:- 04-11-2023					
Time of completion:- 03-11-2024					
Agr. value:- Rs 3,71,31,607=00					
Details of work done:-					
(1) E/W in excavation for					
structures as per drawing					
and technical specification					
clause 305.1.					
(i) up to 3m depth					
532.53 m ³	vide DMB, P-1				
Limit 333.43 m ³					
	@ Rs 427.089 / m ³ = Rs 1,42,276=00				
(ii) 3m to 6m depth					
146.75 m ³	vide DMB, P-1				
	@ Rs 507.17 / m ³ = Rs 74,427=00				
(2) Piling & laying of					
PCC M/s in levelled					
course below pile cap					
etc. as complete job.					
17.39 m ³	vide DMB, P-16				
	@ Rs 9348.78 / m ³ = Rs 1,62,575=00				
Continuation of 003 Rs 3,79,278=00					

Continuation of 03/15 3,79,278=00

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
					BF 3,79,278=
(4) Bored cast in situ					
755 grade Rcc pile					
excluding reinforcement etc all complete job.					
21.00 M	vide TMB		P-4		
42.00 M	"	"	P-5		
42.00 M	"	"	P-6		
42.00 M	"	"	P-7		
43.00 M	"	"	P-9		
43.00 M	"	"	P-10		
43.00 M	"	"	P-12		
43.00 M	"	"	P-13		
43.00 M	"	"	P-15		
22.00 M	"	"	P-16		
Total 384.00 M @ 31,530.72/M = 81,21,07,796=					

(4/5) S/F/P HYSB bar reinforcement					
Cement in Foundation					
etc all complete job.					
2.37546 M.T	vide TMB		P-3		
4.75094 M.T	"	"	P-5		
4.75094 M.T	"	"	P-6		
4.75094 M.T	"	"	P-7		
4.18629 M.T	"	"	P-8		
4.18629 M.T	"	"	P-10		
4.18629 M.T	"	"	P-11		
4.18629 M.T	"	"	P-13		
4.18629 M.T	"	"	P-14		
1.81083 M.T	"	"	P-15		
13.71492 M.T	"	"	P-17		

TS 53.08548 M.T Continuation
 Limit 53.061 M.T @ 80730.99/M.T = 84,28,3667=

C.O. 1,67,70,741=

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
					B.P. 167,70,741.20
(2) Providing steel Liner 6mm thick for sheathing of wells including fabricating & setting out etc all complete job.					
354.94 kg	vide	TMB	P-3		
709.89 kg	"	"	P-5		
709.89 kg	"	"	P-6		
709.89 kg	"	"	P-7		
709.89 kg	"	"	P-8		
709.89 kg	"	"	P-10		
709.89 kg	"	"	P-11		
709.89 kg	"	"	P-13		
709.89 kg	"	"	P-14		
354.94 kg	"	"	P-16		
→ 6389.00 kg or 6.389 m.T	@ Rs 105,731.24/m.T = Rs 6,67,551.70				
(6/7) Providing and construc- ting temporary Earth Island etc all complete job.					
1 No.	vide	TMB	P-2		
	@ Rs 78583.82 Each = Rs 78,584.00				
(7/8) Providing and construc- ting one span service road etc all complete job.					
28.08 m	vide	TMB	P-2		
	@ Rs 4378.01/m = Rs 1,22,934.00				
	C.O. Rs 1,76,47,776.00				

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
					Rs 1,76,776.00
(3) carrying out load Test on any pile as per standard procedure laid down in the IS:2911 Specification etc all complete job.					
(a) Initial load test on Test pile etc all complete job.					
1 NO. vide TMB, P-4					
					@ Rs 1,50,000.00 Each = Rs 1,50,000.00
(b) Routine Pile load test on pile for 1.5 times the design load etc all complete job.					
1 NO. vide TMB, P-4					
					@ Rs 1,25,000.00 Each = Rs 1,25,000.00
(c) Horizontal Pile load Test on piles for 1.5 times the design load specified in drawings etc all complete job.					
1 NO. vide TMB, P-4					
					@ Rs 1,00,000.00 Each = Rs 1,00,000.00
					Total = Rs 1,80,22,776.00
Add GST @ 18% →					Rs 32,44,100.00
Add L.Cess @ 1% →					Rs 1,80,228.00
Continuation					C.O. = Rs 2,14,47,104.00

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					12.17 m, 21.447, 104 = 00
Add:- S. Fee					50,940.20
(As per details given on this page below)					
					Total 2,14,980.44 = 00
Less:- 13.03% as per agreement					28,011.95 = 00
					Total 1,86,968.49 = 00
					23.1.24
					AE

Details of S. Fee				Material Cost
(i) RCC MS	17.39 m ³	@ 1175.53/m ³		20442.46
(ii) RCC MS	434.07 m ³	@ 1126.46/m ³		488962.49
				Total 5,09,404.95
Hence S. Fee = 10% of 5,09,404.95				
				= 50,940.49
				Sum 5,09,404.95

Material statement				
stone aggregate	→	404.57 m ³		
coarse sand	→	203.68 m ³		

Continuation				