

Name of works - Construction of Minor Bridge over Rehua

Schedule XLV-Form No. 134

River Ret Road To Pachamwa

DIVISION

M.O.N. 1730/23-24

Name of District Nasikatinga **SUB-DIVISION**

MEASUREMENT BOOK

M/s Masrani Nisman

1730

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name of work:-	Construction of Rahua				
	Minor Bridge over Rahua river				
	in RDO road to Pachamwa				
	in Block:- Marketingung.				
Agency:-	M/S Narayani Niroran				
	At-Harewarika chowk				
	Bettiah, W. Champaran.				
Agreement No:-	15/2023-24				
Date of start:-	4-11-2023				
Time of completion:-	3-11-2024				
Aggr. value:-	Rs 3,91,31,607 =				
Details of work done:-					
(1)	Exp in excavation				
	for structures etc				
	all complete job.				
(i)	up to 3m depth				
333.13 m ³	vide TMB, P-18				
	@ Rs 427.089 / m ³ =				Rs 1,42,276 =
(ii)	3m to 6m depth				
146.75 m ³	vide TMB, P-18				
	@ Rs 507.17 / m ³ =				Rs 74,427 =
(2/2)	providing and laying				
	of PCC MIS in levelling				
	course etc all complete				
	job.				
17.39 m ³	vide TMB, P-18				
	@ Rs 9348.78 / m ³ =				Rs 1,62,575 =
Continuation C-07h 3,79,278 =					

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					B.F. of 329,278 =
(3/3)					
					RCC grade 1/20 in Pile-
					foundation etc all
					complete job.
239.596 M ³					vide TMB, P-25
					@ 10276.45/M ³ = 2462196 =
(4/4)					
					Bored cast in situ
					1/25 grade RCC pile
					excluding reinforcement
					etc all complete
					job.
384 M					vide TMB, P-19
					@ 31530.72/M = 1,21,07,796 =
(5/5)					
					S/F/P HYSD bar rein-
					forcement in founda-
					tion etc all complete
					job.
53.061 M.T					vide TMB, P-19
					@ 80730.99/M.T = 42,83,667 =
(6/6)					
					providing steel liner
					6mm thick etc all
					complete job.
6.389 M.T					vide TMB, P-20
					@ 105731.24/M.T = 6,75,517 =
(7/7)					
					providing PE construction
					Temp. Earth Island etc.
1 No.					vide TMB, P-20
					@ 78583.82 Each = 78,584 =

Continuation

C-03 19987038 =

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
					B. Feb, 1977, 03811
(1/2) Providing and constructing one span service road etc all complete job.					
28.08/4	vide TMB	P-20			
	@ Rs	4378.01/4		= Rs	122,934=
(9/9) carrying out load test on any pile as per standard procedure etc all complete job.					
(a) Initial load test on test pile etc all complete job.					
1 No.	vide TMB,	P-21			
	@ Rs	150000 =	Each = Rs	1,50,000 =	
(b) Routine pile load test on pile for 1.5 times the designed load etc all complete job.					
1 No.	vide TMB,	P-21			
	@ Rs	1,25,000.00	Each = Rs	1,25,000 =	
(c) Horizontal pile load test on piles for 1.5 times the designed load, specified in drawing etc all complete job.					
1 No.	vide TMB,	P-21			
	@ Rs	1,00,000.00	Each = Rs	1,00,000 =	

Continuation

C-0 → Rs 2,04,84,972 =

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D.	
					$(B \times D) = 2.04 \times 84.972 = 174.15$
(10) 10/10					
Rcc grade 1730 in Sub-					
Structure etc all					
upto sm ht & complete job.					
69.632 m ³				P-25	
vide TMB					
89.81 m ³	"	"		P-29	
159.442 m ³					
with 158.57 m ³	@ B	10768.74 / m ³	= B		1707.599 = w
(ii)					
SM to 10m ht.					
8.296 m ³				P-29	
vide TMB,					
@ 10872.04 / m ³	= B				90.194 = w
(11) 11/11					
RCC M35 in sub-struc-					
ture etc all complete					
job.					
1.36 m ³				P-29	
vide TMB,					
@ 10998.15 / m ³	= B				149.57 = w
(12) 12/12					
S/F/P HYSD bar reinf -					
forcement in sub-					
structure etc all					
complete job.					
9.25712 m ³	T			P-25	
vide TMB					
12.03013 m ³	"	"		P-28	
21.28725 m ³	@ B	80954.52 / m ³	= B		1723.299 = w
(13) 13/13					
S/F/F in position touch					
line & level POT-PTEE					
beam p etc all complete job.					
6 Nos.				P-30	
vide TMB,					
@ S 1114.04 each	= B				306.684 = w

Continuation

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			B.F. = B ² /43		27,705 = w
(14/14) S/P/P in position					
touch to line & level					
Elastomeric bearing					
etc. all complete job					
5630 cc vide TMB P-30					
@ B 0.91/c.c				= B	51,88 = w
(15/15) providing weep holes					
etc. all complete job					
132 Nos. vide TMB P-29					
@ B 159.71 Each = B					21,082 = w
(16/19) S/P/P HYSD bar reinforcement in super-					
structure etc. all					
complete job					
5.61795 m.T vide TMB P-31					
@ B 82685.19/m.T = B					4,64,521 = w
Total @ B 2,48,64,496 = w					
Add GST @ 18% → B 44,75,60,9 = w					
Add L.Cess @ 1% → B 2,48,64,5 = w					
Add S.Fee (As per 1st bill) → B 50,94,0 = w					
Add S.Fee (For 2nd Bill) → B 45,92,6 = w					
(vide TMB P-37)					
Total → B 2,96,85,616 = w					
Less → 13.03% as per agreement = (B) 38,68,036 = w					
Total → B 2,58,17,580 = w					
Less previous payment → (B) 18,69,6,849 = w					
Total → B 7,12,07,31 = w					
20/03/2016 J.E					
20/03/24 A.C.					

Continuation

P.T.O for S.Fee

Details of S. Fee for Bill

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
1. Coarse sand $\rightarrow 183.47 \text{ m}^3$					
				@ Rs 77.80/m ³ =	1,06,009.00
2. 20 mm aggregate $\rightarrow 220.16 \text{ m}^3$					
				@ Rs 1107.76/m ³ =	2,65,900.00
3. 10 mm aggregate $\rightarrow 146.77 \text{ m}^3$					
				@ Rs 595.16/m ³ =	87,352.00
				Total @ Rs	4,59,261.00

Hence S. Fee = 10% of Rs 4,59,261.00

= Rs 45,926.10

Say Rs 45,926.00

P. J. E.
20/03/2024
J-E

Material statement

20 mm aggregate $\rightarrow 220.16 \text{ m}^3$

10 mm aggregate $\rightarrow 146.77 \text{ m}^3$

Coarse Sand $\rightarrow 183.47 \text{ m}^3$

P. J. E.
20/03/2024
J-E

P. J. E.
20/03/24
AE

Continuation