

Name of works - Construction of Minor Bridge over Rehua

Schedule XLV-Form No. 134

River Reo Road To Pachamwa

~~KLABARD~~

M.O.N. 1730/23-24

DIVISION

Name of Block. Nasleatiga **SUB-DIVISION**

MEASUREMENT BOOK

M/S Masani Nisman

1730

Sch XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No	L	B	D	
Work:- Construction of Minor Bridge over Khus river in RCO road to Puhama in Block:- Markatiyung.					
Agency:- M/s Nargani Nirman at Hariwatika chowk, Bettiah West 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 workdone:-					
(1) E/W in excavation for structures etc all complete job.					
(i) up to 3M depth					
333.13 M ³ vide TMB P-32					
@ Rs 427.089/M ³ = Rs 142276=					
(ii) 3M to 6M depth					
146.75 M ³ vide TMB, P-32					
@ Rs 507.17/M ³ = Rs 74427=					
(2) Providing and laying of PCC M/S in levelling course etc all complete job.					
17.39 M ³ vide TMB, P-32					
@ Rs 9348.78/M ³ = Rs 162575=					
C.O. Rs 379278=					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
				(1/1' x 1')	17,278.11
(1/2) Rec. work in pile form - tid. etc all complete job.					
239.59673	Vide TMB, P-33				
				@ Rs 10276.45/m ³	= Rs 2462196.20
(3/4) Bored cast in situ M35 grade Rcc pile excluding reinforcement etc all complete job.					
384M	Vide TMB, P-33				
				@ Rs 31530.72/M	= Rs 1,21,07,796.00
(5/5) S/F/A HYSD bar rein- forcement in founda- tion etc all complete job.					
53.061MT	Vide TMB, P-33				
				@ Rs 80730.99/MT	= Rs 42,83,667.00
(6/6) Providing steel Liner 6mm thick etc all comp- lete job					
6.389MT	Vide TMB, P-33				
				@ Rs 105731.24/MT	= Rs 6,75,517.00
(7/7) Providing & Constructing Temp. Earth Island etc all complete job.					
1 NO.	Vide TMB, P-33				
				@ Rs 78583.82 Each	= Rs 78,583.82

Continuation C.O.Rs 19987038.00

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					B.F. 231, 77, 87, 038 = 24
(8)					
Providing & Constructing					
One span Service road					
etc all complete job.					
28.08M	vide TMB	P-34			
	@ Rs	4378.01/m		= Rs	1,22,934 = 24
(9)					
Carrying out load test					
on any pile as per standard					
procedure etc all comp-					
lete job.					
(a)					
Initial load test on					
test pile etc all comp-					
lete job.					
1 No.	vide TMB	P-34			
	@ Rs	1,50,000.00	Each = Rs	1,50,000 = 24	
(b)					
Routine pile load test					
on pile for 1.5 times the					
design load etc all					
complete job.					
1 No.	vide TMB	P-34			
	@ Rs	1,25,000.00	Each = Rs	1,25,000 = 24	
(c)					
Horizontal pile load					
test on piles for 1.5					
times the design load					
specified in drawing					
etc all complete job.					
1 No.	vide TMB	P-34			
	@ Rs	1,00,000.00	Each = Rs	1,00,000 = 24	

Continuation 2,04,84,972 = 24

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				12.12.82	14,877.22 =
(10/10)					
				RCC grade 1720 in sub-	
				structure etc all comp-	
				lete job. (up to 5m ht)	
158.57 m ³				vide TMB P-35	
				@ Rs 10768.24/m ³ = Rs 17,07,599 =	
(ii)				5m to 10m ht	
8.296 m ³				vide TMB P-35	
				@ Rs 10872.04/m ³ = Rs 90,194 =	
(11/11)					
				RCC M35 in sub-structure	
				etc all complete job.	
1.36 m ³				vide TMB P-35	
				@ Rs 10998.15/m ³ = Rs 14,957 =	
(12/12)					
				S/F/F HYSD bar rebar-	
				forcement in sub-structure	
				etc all complete job.	
21.2875 m ³				vide TMB P-35	
0.48563 m ³				" " P-39	
T → 21.77313 m ³				@ Rs 80954.52/m ³ = Rs 17,62,613 =	
(13/13)					
				S/F/F in position	
				true to line and	
				level POT-PTFE bearings	
				etc all complete job.	
6 Nos.				vide TMB P-35	
6 Nos.				" " P-42	
T → 12 Nos.				@ Rs 51114.04 Each = Rs 13,368 =	
				C.O → Rs 246,737.03 =	

Continuation

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
					(12) (15) (15) =
(18/27)					
Demolish stone complete					
As per drawings & local					
actual specifications.					
8 NO		vide TMB	P-43		
					@ Rs 6302.45 Each = Rs 50,420.00
(19/28)					
clearing & grubbing					
road land etc all					
complete job.					
0.171 Hec		vide TMB	P-43		
					@ Rs 75573.34/Hec = Rs 12930.00
(20/29)					
Construction of Embank.					
with material obtained					
from borrow pit etc					
all complete job					
1545.00 m ³		vide TMB	P-44		
					@ Rs 261.09/m ³ = Rs 4,03,384.00
(21/39)					
Construction of Embank.					
with material obtained					
from borrow pits with					
a lead of 100m etc					
all complete job.					
541.31 m ³		vide TMB	P-43		
					@ Rs 261.09/m ³ = Rs 1,41,331.00
(22/41)					
Providing and laying R.C.					
pipe NA, etc all complete					
job. (1000 mm dia)					
15 M		vide TMB,	P-43		
					@ Rs 7845.91/M = Rs 1,17,689.00

Continuation

Total Rs 2,71,23,402.00

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
				B.F. 2.71	23,702.20
Add G.P. @ 1.5%				Rs 408	2,212.00
Add L. Cess @ 1.5%				Rs 2.71	2,342.00
Add S. Fee (for 1st bill)				Rs 28	20,940.00
Add S. Fee (for 2nd bill)				Rs 45	926.00
Add S. Fee (for 3rd Bill)				Rs 12	067.00
Total					Rs 3,23,85,781.00
Less 13.03% as per agreement					Rs 42,19,867.00
Total					Rs 2,81,65,914.00
Less Previous bill					Rs 2,58,17,580.00
Total					Rs 23,48,334.00

27/05/24
J.E.

27/05/24
A.E.

Details of S. Fee (For 3rd Bill)				
1. Earth	→	2086.31 m ³	@ 35.25/m ³	= 73,542.00
2. Agg. 20mm	→	22.59 m ³	@ 1207.76/m ³	= 27,283.00
3. Agg. 10mm	→	15.06 m ³	@ 595.16/m ³	= 8,963.00
4. Coarse Sand	→	18.83 m ³	@ 577.80/m ³	= 10,880.00
Total				1,20,668.00
Hence S. Fee = 10% of Rs 1,20,668.00				
				= Rs 12,066.80
				Say Rs 12,067.00

27/05/24
J.E.

27/05/24
A.E.

Continuation

P.T.O for original statement