

Name of Work - Construction of minor bridge over Retic

Schedule XLY-Form No. 134

River Rec Road To Puchanwa

~~REWARD~~

M.O.N. 1730/2324

DIVISION

Place of Block Nalantiga **SUB-DIVISION**

MEASUREMENT BOOK

M/S Puchanwa Nivara

1730

Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
Name of work: -	Construction of Mini				
	Bridge over Rehua river				
	in R.O. road to Pachronwa				
Block: -	Narkatiyagunj				
Agency: -	M/s Narayani Mishra				
	St. Hariwakha Chowk, Bettiah				
	West Champaran.				
Agreement No: -	15/2023-24				
Date of start: -	4.11.2023				
Date of completion: -	03-11-2024				
Gr. Value: -	B39,131.607 = ∞				
Details of work done: -					
(1)	Eg in excavation for structures etc				
	all complete job.				
(i)	up to 3m depth				
333.13 m ³	vide TMB, P-45				
	@ B 427.089/m ³ = B 1,42,276 = ∞				
(ii)	3m to 6m depth				
146.75 m ³	vide TMB, P-45				
	@ B 507.17/m ³ = B 74,427 = ∞				
(2)	Providing and laying of RCCMS 2 nd level 1 st course etc all complete job.				
17.39 m ³	vide TMB, P-45				
	@ B 9348.78/m ³ = B 1,62,575 = ∞				
	C.O. = B 3,79,278 = ∞				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L	B.	D.	
					$B \times D = 13.37 \times 9.278 = 124$
(3)					Rcc 1130 dia pile for oxidation etc all complete job.
239.596 M ³	vide	TMB	P-46		
					@ 10276.45 ft ³ = 132462.196 = 124
(4)					Bored cast in situ M35 grade Rcc pile excluding reinforce- ment etc all complete job.
384 M	vide	TMB	P-46		
					@ 131530.72 M = 1312107.796 = 124
(5)					S/F/P 114 SD bar reinforcement in Foundation etc all complete job.
53.061 M-T	vide	TMB	P-46		
					@ 130730.99 M-T = 134283667 = 124
(6)					providing steel Liner 6mm thick etc all complete job.
6.389 M-T	vide	TMB	P-46		
					@ 105731.24 M-T = 13675517 = 124
(7)					providing and construction Temporary Earth Island etc all complete job.
1 No.	vide	TMB	P-46		
					@ 1378583.82 Each = 1378584 = 124

Continuation C.03 1319987038 =

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Particulars	Details of actual measure				Contents of area	Is
	No.	L.	B.	D.		
				B.P. 199	87,038 =	10
(9/8) Providing and casting - ling one span Service - road etc all complete						
28.08 M	vide TMB P-47					
	@ Rs 4378.01/M				= Rs 1,22,934 =	
(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-47					
	@ Rs 1,50,000.00 Each =				Rs 1,50,000 =	
(b) Routine pile load test on pile for 1.5 times the design load etc all complete job.						
1 No.	vide TMB P-47					
	@ Rs 1,25,000.00 Each =				Rs 1,25,000 =	
(c) Horizontal pile load test on pile for 1.5 times the design load specified in the drawing etc all complete job.						
1 No.	vide TMB P-47					
	@ Rs 1,00,000.00 Each =				Rs 1,00,000 =	
Continuation						
C.O. 20484.972 =						

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Particulars	Details of actual measure				Content of area
	No.	L.	B.	D.	
(10/10)				B.F. 48,274	84,972
RCC grade					
Structure etc					
complete job.					
(i) (4000 SM HT)					
158.57 m ³ wide		TMB	P-48		
(a/b)	10768.74/m ³				= 617,07,599 =
(ii) SM to 10M HT					
8.296 m ³ wide		TMB	P-48		
(a/b)	10872.04/m ³				= 90,194 =
(11/11)					
RCC M35 in Sub-structure					
etc all complete job.					
5.846 m ³ wide		TMB	P-56		
1.36 m ³ "		"	P-48		
T3 7.206 m ³	(a/b)	10978.15/m ³			= 79,253 =
(12/12)					
S/F/P HYSD bar rein-					
forcement in Sub-structure					
etc all complete job.					
21.77288 m ³ wide		TMB	P-48		
(a/b)	80954.52/m ³				= 817,62,613 =
(13/13)					
S/F/F in position done to					
line & level POT-PTFE					
bearings etc all complete job.					
12 Nos. wide		TMB	P-48		
(a/b)	51114.04/Each				= 6,13,368 =
(14/14)					
S/F/F in position done to					
line & level Elastomeric					
bearings etc all complete job.					
1,12,500 cc wide		TMB	P-49		
(a/b)	0.91/cc				= 1,02,375 =

Continuation C.03 248,40,374 =

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(15/15) Bridging wup holes etc all complete job.			13.7	82.48	40,374 = w
132 NOS. vide TMB P-49					
(16/16) Backfilling behind abutment, wing wall & R-wall etc all complete job.			@ 159.71	Each = 13	21082 = w
152.67 M ³ vide TMB P-56					
(17/17) Bridging and Layup Filter Media with gravel crushed aggregates etc all complete job.			@ 985.03/M ³	= 13	1,50,385 = w
83.053 M ³ vide TMB P-55					
(18/18) Bridging and Layup Rec M30 in Super-structure etc all complete job.			@ 5147.67/M ³	= 13	4,27,529 = w
41.838 M ³ vide TMB P-49					
17.306 M ³ " " P-53					
26.818 M ³ " " P-54					
T → 85.9565 M ³ Limit → 85.32 M ³			@ 11943.88/M ³	= 13	19,052 = w
(19/19) S/F/P HYSD bar reinforcement cement in Super-structure complete					
Continuation					0.28,264,58422 = w

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(13/13) Contd.				B.F. = 8.2, 64	58,422 =
as per drawing and technical specification etc all complete job.					
13.3129 M.T	vide	TMB	P-49		
2.07131 M.T	"	"	P-53		
T = 15.38421 M.T					
Limit = 15.236 M.T	@	82685.19/M.T	= B 12,	59,792 =	
(20/20)					
Providing and laying cement concrete wearing course M30 grade including reinforcement etc all complete job.					
18.73125 M.T	vide	TMB	P-51		
@	19875.77/M.T	= B 3,72,298 =			
(21/21)					
Construction of R.C.C. Railings of M25 grade in cast in situ etc all complete job.					
66.60 M	vide	TMB	P-54		
@	4651.71/M	= B 3,09,804 =			
(22/22)					
Drainage Spouts complete as per drawing & technical specifications.					
8 NOS	vide	TMB	P-50		
8 NOS	"	"	P-54		
T = 16 NOS.	@	6302.45 each	= B 1,00,839 =		
			C.O. = 285,	01,155 =	

Continuation

Particulars	Details of actual measure				Content of area
	No.	L.	B.	D.	
(28) 28					B.F.B. 292.09705 =
clearing and grubbing					
road land etc all					
complete job.					
0.171 Hec.					
vide TMB P-50					
@b 75573.34/Hec = B					12930 =
(29) 29					
Construction of Embankt.					
with material obtained					
from 1000 m lead etc					
all complete job.					
2202.55 M ³					
vide TMB P-57					
@b 261.09/M ³ = B					575064 =
(30) 30					
Construction of Embankt.					
with material obtained					
from borrow pits with					
a lead of 1000 m etc					
all complete job.					
541.31 M ³					
vide TMB P-50					
@b 261.09/M ³ = B					141331 =
(31) 31					
Providing and laying					
Reef type N.P. (rounds)					
etc all complete job.					
15 M					
vide TMB P-50					
@b 7845.91/M = B					117689 =
(32) 32					
Dismantling of E.M.S.D.P					
structures etc all comp					
lete job. (Rec/Pcc)					
48.40 M ³					
vide TMB P-56					
@b 713.06/M ³ = B					82912 =

Continuation Total 330139631 =

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				B.P. @ 15,301	39,631 = 00
Add GST @ 18%				→ Rs 5,25,134 = 00	
Add L.C.S.S @ 1%				→ Rs 3,01,396 = 00	
Add S.Fee (As per 1st bill)				→ Rs 50,940 = 00	
Add S.Fee (As per 2nd bill)				→ Rs 45,926 = 00	
Add S.Fee (As per 3rd bill)				→ Rs 12,067 = 00	
Add S.Fee (For 4th bill) (As calculated below)				→ Rs 19,280 = 00	
				Total Rs 13,35,994	37,420 = 00
Less → 13.03% as per agreement =				→ Rs 4,69,006 = 00	
				Total Rs 8,66,988	30,700 = 00
Less → previous payment →				→ Rs 2,81,65,914 = 00	
				Total Rs 31,38,393 = 00	

Arka

	Details of S.Fee			Per (4th bill)
1. coarse sand → 39.14 M ³	@ 577.80/M ³	=	22,615 = 00	
2. Local sand → 183.20 M ³	@ 144.75/M ³	=	26,520 = 00	
3. Earth → 657.55 M ³	@ 35.25/M ³	=	23,179 = 00	
4. Stone Metal → 99.66 M ³	@ 689.23/M ³	=	68,689 = 00	
5. Aggregate (40mm) → 3.86 M ³	@ 992.93/M ³	=	3,833 = 00	
6. Aggregate (20mm) → 45.04 M ³	@ 1207.76/M ³	=	54,349 = 00	
7. Aggregate (10mm) → 29.37 M ³	@ 595.16/M ³	=	17,480 = 00	
			Total Rs 1,92,797 = 00	

Continuation
Hence S.Fee = 10% of Rs 1,92,797 = 00
= 19,279 = 00
Say Rs 19,280 = 00

Arka