

પ્રાથમિક તબક્કાના કામોના અંત
માપની પુલ ને માપના કામોને 100
પુલ ને જિલ્લા સહાયક ડાયરેક્ટર
આર.સી. વાસ્તવિક નિર્માણ કામોના અંત
પ્રકારના પાટાની ને પાટાના ને
નિર્માણ નિર્માણ કામો ને


5.10.23
Executive Engineer
Road Works Division
5.10.23

Sch. XLV - Form No. 134

PAKRIDAVAL DIVISION

PATAHI SUB-DIVISION

Measurement Book

No.

1406

Name _____

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	8 th on A/c Bill.				
N/w:→	constn. of RCC bridge in				
	Patahi Thanda clauk				
	to Sugarpes road in				
	Kodaria village under				
	State Scheme 4515 (NABAR)				
Agency:→	M/s Kumar const ⁿ company.				
	C/O - Surendra Kumar, Chatai				
	Motihari, East Champaran.				
Agreement no →	20 SBD/2023-24				
D.O.S →	14.12.2023				
D.O.C →	14.12.2025				
D.O.M →	05.08.2024 to 22/12/24				

	P ₁ to P ₂		
1.→	Supplying, getting and placing		
	HYSD bar in Main Girder and		
	cross girder - do-all comp. job.		
28mm φ.	3x 4x 18.440x @ 4.83 kg/m		
			= 1068.782 kg
chase 3x 4x	18.440x @ 4.83 kg/m		= 1068.782 kg
3x 2x	19.608x @ 4.83 kg/m		= 568.240 kg
3x 2x	18.316x @ 4.83 kg/m		= 530.798 kg
3x 2x	16.430x @ 4.83 kg/m		= 476.141 kg
4x	14.590x @ 4.83 kg/m		= 281.879 kg
16mm φ.			
3x 4x	17.008x @ 1.58 kg/m		= 322.472 kg
6mm φ.			
3x 20x	17.020x @ 0.22 kg/m		= 224.664 kg
3x 19x	1.035x @ 0.22 kg/m		= 12.978 kg
Continuation C.O = 4554.736 kg			

3. > Supplying, fitting and placing
HYSD bar in slab and railing
for Super structure - do-all comp.
job.

Continuation 2611.196 kg

05/11/24 05/11/24 or, 2.611 MT

J.E A.E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4. Providing and laying RCC of 30 grade in slab and railing do. all comp. job.					
$\frac{2}{05-12-24}$	1x	16.50	8.45	0.275	38.34 m ³
	2x	16.50	0.450	0.275	4.08 "
					42.42 m ³
				Limit =	42.05 m ³
$\frac{Roor}{07/11/24}$ J.E					

5. > Supplying, fitting and placing
HYSD bar in slab and railing
— do — all comp. Job. (A, to P.)

12mm ϕ			
22x	7.252x @ 0.89 kg/y =	464.708 kg	
74x	5.300x @ 0.89 kg/y =	349.058 kg	
78x	5.300x @ 0.89 kg/y =	367.926 kg	
16mm ϕ			
156x	2.325x @ 1.58 kg/y =	577.066 kg	
8mm ϕ			
138x	1.850x @ 0.39 kg/y =	99.567 kg	
24x	17.240x @ 0.39 kg/y =	161.366 kg	
24x	17.252x @ 0.39 kg/y =	161.478 kg	
24x	17.020x @ 0.39 kg/y =	159.307 kg	
10x	17.020x @ 0.39 kg/y =	66.378 kg	
10x	17.020x @ 0.39 kg/y =	66.378 kg	
15x	1.700x @ 0.39 kg/y =	9.945 kg	
8x	17.020x @ 0.39 kg/y =	53.102 kg	
116x	1.656x @ 0.39 kg/y =	74.917 kg	

Continuation 2611.196 kg
or, 2.611 MT

				or,	0.42247
16. > Plv Recty-30 Approach					
Slab Do-amp job.					
A ₁ →	1x	3.50x	8.450x	0.300=	8.87243
A ₂ →	1x	3.50x	8.450x	0.300=	8.87243
					17.74443
			1000		
			2212124		
			1.E		
			2		
			221224		
			A.E		

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{4}{02}$ Providing service road		B.F.	—	Rs. 8,66,661=00	
— Do — all comp. job.					
68.480 R.H. vide MB-1406, P-90, item-04					
@ Rs. 4378.01/R.H. —				Rs. 2,99,806=00	
$\frac{5}{01}$ E/W Excavation in foundation					
— Do — all comp. job.					
642.79 m ³ vide MB-1406, P-90, item-05					
@ Rs. 205.54/m ³ —				Rs. 1,32,119=00	
$\frac{06}{08}$ S/P and placing HYSD					
bar in foundation — Do — all comp. job.					
116.22 M.T vide MB-1406, P-90, item-06					
@ Rs. 77941.70/M.T —				Rs. 90,58,384=00	
$\frac{07}{03}$ P/V steel liner 6 mm thick					
for piles — Do — all comp.					
19.18 M.T vide MB-1406, P-90, item-07					
@ Rs. 106716.19/M.T —				Rs. 20,46,817=00	
$\frac{08}{04}$ Bored cast-in-situ M-35					
— Do — all comp. job.					
750.00 M.T vide MB-1406, P-90, item-08					
@ Rs. 18536.11/M.T —				Rs. 1,39,02,083=00	
$\frac{09}{05}$ Dismantling of RCC pile head					
— Do — all comp. job.					
C.O. —				Rs. 2,63,05,870=00	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F		Rs	2,63,000	5,870=00
23.069M ³ vide MB-1406, P-90, item-09					
@Rs. 1588.93/M ³			Rs	36,655=00	
10/06 > P/V and laying RCC M-15 in leveling course do-all comp. job.					
42.28M ³ vide MB-1406, P-90, item-10					
@Rs. 7832.47/M ³			Rs	3,31,157=00	
11/31 > Pile load test on single					
(H) pile do-all comp. job.					
720.00 MT vide MB-1406, P-90, item-11					
@Rs. 300.00/MT			Rs	2,16,000=00	
12/31(B) > Pile load test on lateral load test do-all comp.					
24.00 MT vide MB-1406, P-91, item-12					
@Rs. 5000.00/MT			Rs	1,20,000=00	
13/13 > S/F and placing HYSD bar in Sub-Str. do-all comp. job.					
33.131 M.T MB-1406, P-91, item-13					
0.422 M.T MB-1406, item-15					
33.553 M.T					
@Rs. 78,163.57/M.T			Rs	26,22,622=00	
14/09 > P/V RCC M-30 grade in Sub-Str. do-all comp.					
C.O			Rs	2,96,32,304=00	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
199.362 m^3 vide	B.P.		Rs 2,96,32,304=00		
	HB-1406, P-91, item-14				
@ Rs. 9537.60/ m^3			Rs. 19,01,435=00		
15/11 > P/v & fixing in position					
POT-PIEE bearing of AB &					
Pier do- all comp. job					
6000.00 m^3 vide HB-1406 P-91, item-15					
@ Rs. 204.00/ m^3			Rs. 12,24,000=00		
16/10 > Supply, fitting & fixing					
Elasto-meric bearing of					
AB & Pier do- all comp.					
1,17,600.00 m^3 vide HB-1406, P-91, item-16					
@ Rs. 1.00/ m^3			Rs 1,17,600=00		
17/12 > P/v weepholes do- all comp. job.					
11200. vide HB-1406, P-91, item-17					
@ Rs. 153.80 each			Rs. 17,226=00		
18/14 > P/v Back filling do- all comp.					
158.036 m^3 vide HB-1406, P-91, item-18					
@ Rs. 1519.58/ m^3			Rs 2,40,148=00		
19/17 > P/v and placing HYSD bar					
in Super. str. do- all comp.					
17.226 m^3 HB-1406, P-92, item-19					
7.276 m^3 HB-1406, P-96, item-01					
2.611 m^3 " " P-97, item-03					
2.611 m^3 " " P-98, item-05					

29.724 m^3

Continuation

C.D. Rs. 3,31,32,713=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F		R.B.	3,31,32,713=00	
@Rs.78385.28/4.T			R.B.	23,29,924=00	
20 > P/V RCC 4-25 20- all comp.					
07 465.418 m ³ MB-1406, P-92, item-20					
@Rs.9215.52/4 ³			R.B.	42,89,064=00	
21 > P/V RCC 4-30 4 rad in					
16 Super- b/p 20- all comp job.					
98.66 m ³ MB-1406, P-92, item-21					
25.602 m ³ " " P-97, item-02					
42.05 m ³ " " P-98, item-04					
42.05 m ³ " " P-99, item-06					
208.362 m ³					
@Rs.10,560.75/4 ³			R.B.	22,00,459=00	
22 > clearing and grubbing					
37 road land 20- all comp job.					
0.091 HA vide MB-1406 P-99, item-10					
@Rs.75573.34/HA			R.B.	6877=00	
23 > P/L better media 20- all					
15 comp. job.					
69.027 m ³ MB-1406, P-100, item-11					
@Rs.4443.80/4 ³			R.B.	3,06,742=00	
24 > const ⁿ of Embankment					
38 - 20- all comp. job.					
1262.25 m ³ vide MB-1406, P-100, item-12					
@Rs.211.35/4 ³			R.B.	2,66,777=00	
C.O		R.B.	4,25,32,556=00		

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F		Rs 4,	25,32,	556=00
$\frac{25}{40}$ consth. of G.S.B. Gr-1					
- do - all comp. job.					
23.104 ³ vide MB-1406, P-100, item-13					
@ Rs 4026.40/m ³			Rs		93,010=00
$\frac{26}{21}$ P/V RCC 4-15 below					
approach slab - do - all					
comp. job					
7.884 ³ vide MB-1406, P-100, item-14					
@ Rs 7832.68/m ³			Rs		61,721=00
			Levit	Rs 61,	6822=00

$\frac{27}{22}$ P/V RCC 4-30 20 Approach					
slab - do - all comp. job.					
17.744 ³ vide MB-1406, item-16					
@ Rs 13,019.66/m ³			Rs		2,31,021=00
			Rs 4,	29,18,	269=00
add @ 18% GST			Rs		77,25,288=00
add @ 1% labour cess			Rs		4,29,183=00
Design fee			Rs		2,51,517=00
			Rs 5,	13,24,	257=00
less 0.11% below	(-)		Rs		56,457=00
			Rs 5,	12,67,	800=00
less Previous Payment	(-)		Rs 4,	73,66,	502=00
			Rs		39,01,298=00

Continuation

Ram
22/12/24
J.E

22/12/24
09/05/24

22/12-24
A.E