

Sch. XLV - Form No. 134

Executive Engineer R.W.D. DIVISION
Daudnagar

Assistant Engineer SUB-DIVISION
Rafiganj

Measurement Book

No. *787*

Name of Officer _____

Date of first entry _____

Date of last entry _____

समाधिपत्र विभागात् है 10 ईस
 मा/पुस्तक विभाग में कुल 100 खण्ड हैं
 पुस्तक अंश हैं, जिसे सहायक अधिकारी
 INDEX
 समाधिपत्र विभाग, कर्च अथवा समाधिपत्र
 रफ़्तार के नाम से कहते हैं।

कार्यपालक अभियन्ता
 समाधिपत्र विभाग
 श्री गणेश बाग़ (औरंगाबाद)
 11/10/21

INDEX

PAGE

1. समाधिपत्र विभाग	100
2. समाधिपत्र विभाग	100
3. समाधिपत्र विभाग	100
4. समाधिपत्र विभाग	100
5. समाधिपत्र विभाग	100
6. समाधिपत्र विभाग	100
7. समाधिपत्र विभाग	100
8. समाधिपत्र विभाग	100
9. समाधिपत्र विभाग	100
10. समाधिपत्र विभाग	100

1st con A/C Bill

1

Name of Work—
Situation of Work—
Agency by which work is executed—
Date of Measurement—
No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
Name of work — Const. of				H.L.R.C.C.
Bridge at				Rafiganj
Karna to Thakur				
(size - 3 x 18.75 m)				
Agency — Anritraj Construction				
Agreement No. 31 SBD/MM/687/Sc/				
				2021-22
Date of work order — 25-08-2021				
Date of completion — 24-08-2022				
Agreement value — 49887800 = W				
Record Entry				
Working date — 6/2/2022 to 15/2/2022				
(1/60) Plv and constructing				
Temporary Earth Island — 02 Nos				
(2/7) Plv and const one				
Span Service road etc.				
3 x 18.75 m = 56.25 m				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3) Plv supplying fitting and Placing HYSD bar - For Abutment 1 for one pile 25 mm ϕ 22 Nos X 21.550 m = 474.10 m @ 3.851 kg/m = 1825.759 kg (A) 8 mm ϕ Ring bar @ 150 mm c/c 134 Nos X 3.396 m = 455.064 m @ 0.390 kg/m = 177.475 kg (B) Spacer Ring 20 mm ϕ @ 2.0 m c/c 10 Nos X 3.200 m = 32.00 m @ 2.46 kg/m = 78.720 kg (C) Total Qty of HYSD bar A + B + C 1825.759 kg + 177.475 kg + 78.720 kg = 2081.954 kg or 2.081 MT No of pile = 8 Nos 8 X 2.081 MT = 16.648 MT 4) Plv steel liner 6 mm thick for pile etc. 8 X 3.14 X 1.20 X 0.006 X 1.50 X 7.86 = 2.132 MT					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/4) Bored cast in situ M30 grade R.C.C. pile excluding Reinforcement Depth of pile - 20 m No of pile - 8 Nos Total length of pile $8 \times 20.00 \text{ m} = 160.00 \text{ m}$					
As per 15/2/2022 J.E					

Record Entry

Working date - 16/2/2022 to 28/2/2022

For Abutment II

(1/5) supplying fitting
and placing HYSD bar
reinforcement for foundation etc

Same Qty of Item No (3/5)

on TMB Page (2) = 16.648 MT

(2/6) p/v steel liner 6mm
thick for pile etc

 $8 \times 3.14 \times 1.20 \times 0.006 \times 1.50 \times 7.86 = 2.132 \text{ MT}$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) (4) Bored Cast in situ M35 grade R.C.C. pile extending reinforcement etc. Same Qty of Item No. (5) on p.m. Page (3) —					160.10 m
Adumar 25/2/2022 J.E					

Record Entry			
Working date 26/02/2022 to 5/3/2022			
For Pair I			
(1) (5)	Supplying fitting and Placing HYSD bar reinforcement for foundation etc For one pile		
20mm ϕ			
24 Nos X	23.560 m	= 565.44 m	
2.46 kg/m	= 1390.98 kg (A)		
8mm ϕ Ring bar @ 150 mm/c			
147 Nos X	3.396 m	= 499.212 m	
@ 0.390 kg/m	= 194.69 kg (B)		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Spacer Ring 20mm ϕ					
@ 2.00 m c/c					
12 Nos $\times$ 3.20 m = 38.40 m					
@ 2.46 kg/m - 94.46 kg (C)					
Total Qty of HYS bar					
A + B + C					
1390.98 kg + 194.69 kg + 94.46 kg					
2		1680.13 kg			
		or 1.680 MT			
No. of pile - 6 Nos					
6 $\times$ 1.680 MT = 10.08 MT					

(2/6) Plv steel liner 6mm
thick for pile etc.
6 $\times$ 3.14 $\times$ 1.20 $\times$ 0.006 $\times$ 3.14 $\times$ 7.86 = 3.193 MT

(3/4) Bored Cast in situ
M35 grade R.C.C. Pile
excluding reinforcement etc.
Depth of pile - 22m
No of pile - 6 Nos
Total length of pile - 6 $\times$ 22.00 = 132.00 m

Asiman
5/3/2022
J.E

Shyamu
6/3/2022
AR

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Entry					
Working date 6/3/2022 to 13/3/2022					
For Pair II					
(1/5) Supplying fitting and placing HYSD bar reinforcement for foundation					
Same Qty of Item No (1/5)					
on TM3 Page (5) -					10.08 MT
(2/6) P/V Steel liner 6mm thick for pile - etc					

$6 \times 3.14 \times 1.20 \times 0.006 \times 3.14 \times 7.86 = 3.198 \text{ MT}$

(3/5) Bored Cast in Sity	
M 35 grade R.C.C. pile	
excluding reinforcement etc	
Depth of pile - 22.0m	
No. of pile - 6 Nos	
Total length of pile $6 \times 22.0\text{m} = 132.0\text{m}$	

Aiman
16/3/2022

Aiman
14/3/2022

Material Statement

Stone chip 20mm	- 356.483 m ³
Stone chip 10mm	- 237.655 m ³
Course Sand	297.069 m ³

Aiman
13/3/2022

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of Cost					
(1) Plv and const of Temporary Earth Island.					
02 Nos vide TMB Page (1)					
@ Rs 57767 = 52/each - Rs 115539 = 10					
(2) Plv and const one Span Service Road					
56.28 m vide TMB Page (1)					
@ Rs 3692 = 48/m - Rs 207702 = 10					
(3) Supplying fitting and Placing HYSD bar -					
2.081					
16.648 MT vide TMB Page (2)					
16.648 MT vide TMB Page (3)					
10.080 MT vide TMB Page (5)					
10.080 MT vide TMB Page (6)					
53.456 MT					
@ Rs 54032 = 82/MT - Rs 2888378 = 10					
(4) Bored Cast in City M35 grade R.C.					
b'le-excavating reinforcement etc.					

Continuation

[illegible]

Scanned with CamScanner