

Schedule XLV-Form No. 134

Executive Engineer. R.M.D. Works **DIVISION**

Tekasi

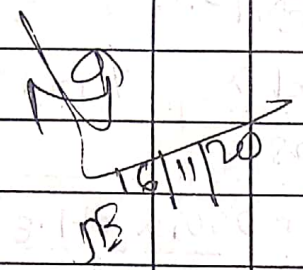
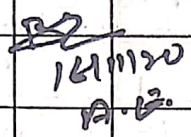
Assistant Engineer R.M.D. Works **SUB-DIVISION**

Belagavi

MEASUREMENT BOOK

837

H.L. Bridge at Sonepur

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Pile depth	20M	dia (1200mm)			
6 Nos Pile	A2				
6 x 20M	=	120M.			
Previously	-	120M (Page 2)			
		240M.			
					
					

Date of entry. — 21/12/20					
(1) supplying fitting & placing un-reinforced HYSD bar reinforcement in foundation complete as per drawing —					
Pier Pile	P1	4 Nos pile			
Main bar	25 ϕ	20 Nos each			
Cutting Length	24.00 M.				
Vertical bar	—				
4 Nos pile		x 20 Nos		x 24.00 M	
1920 M	@ 3.85 kg/M		= 7392 kg.		
Stirrups	10 ϕ 150 c/c				
= $\frac{20}{0.150}$	+ 1	= 134 Nos			

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
C. Length = 744.50 m (L x P)					
$= (3.14 \times 1050 + 50 \times 10) \text{ mm}$					
$= 3797 \text{ mm} = 3.80 \text{ m}$					
Qty - 4 Nos Pile x 134 Nos x 3.80					
$2036.8 \text{ m} @ .62 \text{ kg/m} =$					1262.82 kg
					8654.82 kg.
(2) Borad Cast in situ M35					
Grade R.C.C. Pile excluding					
Reinforcement Complete					
as per drawing - - job.					
Pier Pile - P ₁					
4 Nos x 20 m = 80 m					

Previous Qty m & 240.0 m
 This Page (4) 320.0 m.

21/12/20
 J.E.

22/12/20
 A.E.

Date of entry - 3/2/20

(1) Supplying fitting &
 placing un-reinforced
 14 SD bar reinforcement
 in foundation complete
 as per drawing -

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Pier Pile - P ₂			4 Nos		
Main bar 25 ϕ			20 Nos each Pile		
Cutting Length -			24.00 M.		
Vertical bar					
4 Nos Pile $\times$ 20 Nos $\times$ 24.00 M					
= 1920 M					
$\times$ 3.85 kg/M = 7392 kg					
Stirrups 10 ϕ 150 c/c					
$\frac{20}{0.150} + 1 = 134$ Nos					
Cutting length -			3.80 M.		
4 Nos Pile $\times$ 134 $\times$ 3.80 M					
= 2036.8 M					
$\times$ 0.62 kg/M					
					1262.82 kg
					8654.82 kg
Previous stirrups (5) - (4)					8654.82 kg
					17309.64 kg
2) Bonding steel liner 8mm					
thick up to scour level incl					
ding fabricating - - - job					
Depth of Liner -			0.814 M.		
P ₁ - 4 Nos Pile					
P ₂ - 4 Nos Pile					
8 Nos Pile -			8 $\times$ 10 $\times$		
0.814 = 62.80 kg/M					
8 $\times$ 3.14 $\times$ 1.208 $\times$ 0.814 $\times$ 62.80					
kg/M ²					= 1.551 kg
3) Bored Cost in situ M 35					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Grade R.C.C. Pile excluding Reinforcement Computations					
Per drawing -				756	
Pier Pile P ₂					
4 Nos x 20 M				80.00 M.	
Previously by (5)				320.00 M	
				400.00 M.	
④ Providing & Constructing One span Service Road for each island location from one Pier location to another Pier location					
90 - - - job -					
44 - 52.00 M.					
91					
3/2/2021					
JE.					
82					
3/2/2021					
A.E.					
First on a c bill					
Abstract of Cost					
①/2 Bored Cast in 82/4 M35					
Grade R.C.C. Pile each					
- ding Reinforcement - 756					
400.00 Paye					
e 15586 = 32/M 15623452826					
②/6 SP4 Placing un-coated					

BF 13 6234528:0

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1450 bar reinforcement in foundation.					Job: -
52098.528 Kp	Page (3)				
17309.640 Kp	Page 6				
69408.168 Kp					
= 69.41 MT.					
CRS 80251=57/MT	5570261=0				
(3) Providing steel for					
10mm thick for corners.					
6mm thick for stretching of walls including reinforcement					Job: -
1.55 MT.	Page 6				
CRS 89442=0/MT	138776=0				
(4) Constructing of one					
Span Service Road to reach Island					Job
52.00 M	Page (7)				
CRS 3689=53/MT	191856=0				
					12135421=0
Loss 10% Below as per Agreement					1213542=0
					10921879=0
Conjunction of Material					
(1) Stone Aggregate			400 M ³		
(2) Sand			200 M ³		

Ng

3/2/2021
BERND.

Continuation
3/2/2021
A.E.

APR

Rs 42,345.28 =

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
HYSD bar reinforcement in foundation. . . job: -					
52098.528 kg Page ③					
17309.640 kg Page ⑥					
69408.168 kg					
= 69.41 MT.					
② Rs 80251=57/MT Rs 5570261=					
③/③ Providing steel lining 10mm thick for corbels & 6mm thick for skinning of wells including reinforcement — job: -					

1.55 MT. Page. 6					
② Rs 89442=07/MT Rs 138776=					
④ Constructing of one span service Road to reach Island — job					
52.00 M Page. ⑦					
② Rs 3689=53/M Rs 191856=					
Less 10% Below after Agreement					
Rs 12135421=					
Rs 10921879=					
Consumption of Material					
(1) Stone aggregate 400 M ³					
(2) Sand — 200 M ³					

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3/2/2021
BRWD.

Continuation
3/2/2021
A.G.

C.P.
10/3/2021