

Construction of H.L.B over Dardha River B/w
Saidabad & Timbipur village-

Schedule XLV-Form No. 134

E.E. Karp (Co)

Taluk

DIVISION

A.E. Karp (Co) Kakko SUB-DIVISION

MEASUREMENT BOOK

2672

2672

Johannesburg

DIVISION

Kaiko.

SUB-DIVISION

Measurement Book

No.

2672

Name of officer

Date of first entry

Date of last entry

Schedule PLV-Form No. 134

NOTES

REFERENCE TO P. W. A. CODE, CHPI.VI

Para 39 & 81

Executive Engineer
M.P.C. Division
Jhansi

01/01/1970

1. In recording detailed measurements general instructions should be carefully observed.
- (a) Subject to such subsidiary orders as may be laid down by the local Government detailed measurements should be recorded only by Executive or Assistant Engineers or by Executive subordinates in-charges of work to whom measurement books have been supplied by the Executive Engineer for the purpose.
- (b) All measurements should be bear taken down in a measurement book Form 23, issued for the purpose, nowhere else.
- (c) Each set of measurement should commence with entries starting-
- (i) In the case of bills for work done :-
- (a) Full name of work as given in estimate
 - (b) Situation of work
 - (c) Name of contractor.
 - (d) Number and date of his agreement and
 - (e) Date of measurement
- (i) "Stock", (ii) "Purchase" for direct issue to (here enter full name of work as given in estimate)
- (ii) "Purchase" for (here enter full name of work as given in estimate) issued to contractor on and
- (d) Date of measurements and should end with the Paid initials of the officer marking the measurement, see also paragraph 24. A suitable abstract should than be

prepared which / should collect in the case of measurement for work done, the total quantities of each distinct item of work relating to each sanctioned sub-head.

- (d) As all payments for work supplies are based on the quantities recorded in the measurement books it is incumbent upon the person taking the measurement to record the quantities clearly and accurately. If the measurements are taken in connection with a running contract account on which work has been previously measured he is further responsible (1) that reference to the last set of measurements is recorded and (2) that if the entire job or contract has been completed the fact is recorded prominently just above his initials.
- (e) Entries should be record continuously in the measurement book No blank pages may be left and no page be turn out. Any page left in adveitely must be cancelled by diagonal lines. The cancellation being attested. See also paragraph or the Public Work Department Code.
- (f) No entry may be erased, of a mistake is made it should be correct (and dated) by the responsible officer in the manner prescribed in paragraph 335 of the Public Works Department Code. When any measurements are cancelled, the cancellation, must be supported by the dated initials of the officver ordering the cancellation or by refrence to his orders initialled by the officer who made the measurements in either case the reason for cancellation should be provided with an index which should be kept upto date.

Bill no 3rd on 81C

NO WARD.

25

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area						
	No.	L.	B.	D.							
<u>Name of work:- Construction</u>											
<u>of H. L. R.C.C bridge over</u>											
<u>Dardha river between</u>											
<u>Sardabas & Tumbrepur</u>											
<u>village, under Kako Block</u>											
<u>Agency:- M/S K Andi</u>											
<u>Associate Church Road</u>											
<u>Crore.</u>											
<u>Ag.M. 16 S/B.D/ 2019-2020</u>											
<u>Date of Survey:- 12.02.21</u>											
<u>(1)</u>	<u>Supplying filling</u>										
	<u>and placing 11.ys.2</u>										
<u>bar daado</u>											
<u>Pq Pm No 2</u>											
<u>e14 25mmq 2240 x 26.95 x 3.85 = 2282.67</u>											
<u>e15 12mmq 10540 x 3.65 x 0.89 = 391.75</u>											
<u>16mmq 1340 x 3.5 x 1.58 = 71.89</u>											
<u>for over lap</u>											
<u>2 x 2240 x 1.0 x 3.85 = 169.40</u>											
<u>2865.71</u>											
<u>i.e 2.8657 m²</u>											
<u>(2)</u>	<u>Providing bone</u>										
	<u>cast in setu setu</u>										
<u>R.Ce 435 daado</u>											

$$1 \times 25.6m = 25.6m$$

Joe
12-02-21
TE

~~8hr~~
129312

Ans 09 471 by 28 18-12-21
BDA XLV Form No. 134

PARAPHRASES	Details of actual measurement				Contents of area
	No.	A.	B.	C.	
③ providing supplying and placing H.Y.S.D bar lands -					
PY - P11240 3					
21/25mm 2240x26.95x3.85 = 2282.67					
21/12mm 10570x3.85x 0.89 = 341.75					
16mm 1340x3.5x 1.58 = 71.89					
overlap					
2x2240x1.0x 3.85 = 169.48					
2865.71					
1+ 2.8657 m ²					
④ providing bare cast - Project R.C.C & 35 lands -					
21/25mm 1x 25.6m = 25.6m					
21/12mm 10570x3.85x 0.89 = 341.75					
16mm 1340x3.5x 1.58 = 71.89					
overlap					
2x2240x1.0x 3.85 = 169.48					
2865.71					
1+ 2.8657 m ²					
⑤ providing cleaving & placing H.Y.S.D bar lands -					
PY - P11240 4					
21/25mm 2240x26.9x 3.85 = 2282.67					
21/12mm 10570x3.85x 0.89 = 341.75					
16mm 1340x3.5x 1.58 = 71.89					
overlap					
2x2240x1.0x 3.85 = 169.48					

Continuation

2865.71

1+ 2.8657 m²

Set. XLV-F8M No. 194

27

Particulars	Details of actual measurement				Rate per ft. 10m
	No.	L.	B.	B.	
(6) Providing bore					
5 Cast in set up	11.50 ft	12.00			
	11.35	12.00	12.00		
	1 X 25.6m	—	25.6m		
ACF 10.2.21					
(7) Providing support					
6 along 11 y.s. 2 bay					
	12.00	—			
For A2 pile M1					
e6 20mm 0.612 X 0.95 X 2.17 = 1730.92 kg					
e7 12mm 10.512 X 0.65 X 0.89 = 391.35 kg					
16 bars 12.5 kg X 12.5 = 156 = 31.163					
For over load					
2 X 26m X 1.0 X 2.17 = 128.94					
					22,722.80 kg
					702.2728 MT
(8) Providing bore					
Cast in set up					
11.35 12.00					
A2 - Pile M1					
1 X 25.6m	—	25.6m			
(9) Providing support					
6 along 11 y.s. 2 bay					
12.00	—				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
A 2	Pile No 2				
e6	20mm	2.61m x 26.95 x 2.47 = 1730.72			
e7	12mm	10.51m x 3.65 x 0.89 = 341.75			
	16mm	13.1m x 3.5 x 1.058 = 71.89			
For overlap					
	2 x 2.61m x 1.0 x 2.47 = 128.44				
					2272.80
					102.228 m ²

(10) Providing bore cast
in setu R.C.C.
m25 dia - 20
No. 10 bars

1 x 25.6 m ²	-	25.6 m ²
As per form		
10 bars	25.6 m ²	

Date of entry: — 17.02.21

(11) providing 2 placing
Hyp.S2 bar rods

For A 2 Pile No 2			
e6	20mm	2.61m x 26.95 x 2.47 = 1730.72	
e7	12mm	10.51m x 3.65 x 0.89 = 341.75	
	16mm	13.1m x 3.5 x 1.058 = 71.89	
For overlap			
	2 x 2.61m x 1.0 x 2.47 = 128.44		
			2272.80 kg
			102.228 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Providing m bore					
5 Cast Setu R-pe					
M35 clodo					
A ₂ pillar 3					
1 x 25.6m = -					25.6m
Acu 13.2.21					
(13) Providing 3 pillars M4.50					
6 bore clodo A ₂					
Pillar 4					
E ⁶ 20mm - 26m x 26.95 x 2.47 = 1730.22					
E ⁷ 12mm 10.5m x 3.65 x 0.89 = 341.25					
16mm 13.40 x 3.5 x 1.58 = 71.89					
For over lap					
2 x 26m x 1.0 x 2.47 = 128.44					
2272.80					Vg
ie 2272.80					
(14) Providing bore					
Cast m setu R-pe					
M35 clodo -					
1 x 25.6m = 25.6m					
Acu 13.2.21					
80/10/21					
AI					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) Providing & placing					
6 H.Y.S.D bar clads					
A ₂ PILE NO. 5					
e ₆ 20mm 26 Nos $26 \times 26.95 \times 0.47 = 1730.72$					
e ₇ 12mm 105 Nos $105 \times 3.65 \times 0.89 = 341.75$					
16mm 13 Nos $13 \times 3.5 \times 1.58 = 71.89$					
for over lapping					
$2 \times 26 \text{ Nos} \times 1.0 \times 2.47 = 128.44$					
					2272.80 kg
					10 2.2728MT
(16) providing bore					
cast iron stiffener					
17 Nos clads					
$1 \times 25.6m = 25.6m$					
170 9.2.21					8m
35					170.80
					m
Date of entry: — 21.02.21					
(17) Providing & placing					
6 H.Y.S.D bar clads					
for A ₂ - PILE NO. 6					
e ₆ 20mm 26 Nos $26 \times 26.95 \times 0.47 = 1730.72$					
e ₇ 12mm 105 Nos $105 \times 3.65 \times 0.89 = 341.75$					
16mm 13 Nos $13 \times 3.5 \times 1.58 = 71.89$					
for over lapping					
$2 \times 26 \text{ Nos} \times 1.0 \times 2.47 = 128.44$					
					2272.80
					kg
					10 2.2728MT

Continuation

2272.80

kg
10 2.2728MT

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134				Contents of area
Particulars	Details of actual measurement			
	No.	L.	B.	D.
(18) Povviding bore 5 cast in setu R.C.E				
W35 do - do				
A2 piles no 6				
	1 X 25.6m -			25.6m
<u>Auf</u> 21.02.21 JE				
	858.71			

ABSTRACT OF COST

Name of work:- Construction

of High Level R.C.

bridge over Dartmoor

River between Saeobogad

¶ Tumblapur village.

Agency - M/S K Anand

Agno 16 S33/2019-20

Date of entry:-

① Providing and

7 Constructing one

Span Service Road

~~Dear Sirs~~ Continuation

Continuation
Nov 1 P.M. 25 - 94 m

~~@ f9 1282.31/m - R+ 120837..~~

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
(2) Preparing & fitting					
1) Logo Project board do do vide					
item no 2, P.no					
81 — 140					
Rs 10076.26 each — Rs 100760					
(3) Supplying fittings &					
2) placing H.V.S.D box					
do do vide item no 20					
3 P.no 21 to 22					
→ 60.972 m ²					
50.8813 m ²					
⇒ vide item no 1					
P.no 25 — 2.8657					
⇒ vide item no 3					
P.no 26 — 2.8657					
⇒ vide item no 5					
P.no 26 — 2.8657					
⇒ vide item no 7					
P.no 27 — 2.2728					
⇒ vide item no 9					
P.no 27 to 28 — 2.2728					
⇒ vide item no 11					
P.no 28 — 2.2728					
⇒ vide item no 13					
P.no 29 — 2.2728					
⇒ vide item no 15					
⇒ vide item no 17					
⇒ vide item no 19					
⇒ vide item no 21					
⇒ vide item no 23					
⇒ vide item no 25					
⇒ vide item no 27					
⇒ vide item no 29					
⇒ vide item no 31					
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⇒ vide item no 539					
⇒ vide item no 541					
⇒					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ p. no 10 folding base					
cast in setu rice					
4135 do do-					
wide item no 5					
P-Ho 22+023 - 4864m					
⇒ wide item no 2					
P-Ho 25 — 25.6m					
⇒ wide item no 4					
P-Ho 26 — 25.6m					
⇒ wide item no 6					
P-Ho 27 — 25.6m					
⇒ wide item no 10					
P-Ho 28 — 25.6m					
⇒ wide item no 12					
P-Ho 29 — 25.6m					
⇒ wide item no 14					
P-Ho 29 — 25.6m					
⇒ wide item no 16					
P-Ho 30 — 25.6m					
⇒ wide item no 18					
P-Ho 31 — 25.6m					
					7168m
Rs 16498.72/m	—	Rs 11826282..			
					Rs 17286582..

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
				Rs 17286582.0
less 10% below				(-) Rs 1728658.0
				Rs 15557924.0
less previous bill				Rs 11202170.0
less 10% below				Rs 4355754.0
Acct 21/02/21				Rs 0.00

Material For Payable

$$\text{Coarse sand} = 112 \cdot 199 \text{ m}^3 \times 110 \cdot 69 =$$

Aggregates

$$40 \text{ mm} = 93 \cdot 75 \text{ m}^3 \times 345 \cdot 22 =$$

$$20 \text{ mm} = 93 \cdot 75 \text{ m}^3 \times 456 \cdot 33 =$$

$$10 \text{ mm} = 46 \cdot 87 \text{ m}^3 \times 520 \cdot 42 =$$

~~Acct 21/02/21~~

JG

~~8.00 m~~~~9.00 m~~