

Construction of H.L. Over Dardha River B/w
Saidabad & Timblepur Village.

2672

Schedule XLV-Form No. 134

EE. Rao (w) Tehnaly DIVISION

A.E. Rao (w) Karko SUB-DIVISION

MEASUREMENT BOOK

2672

Iehangbof DIVISION
Kgko SUB-DIVISION

Measurement Book

No.

2672

Name of officer

Date of first entry

Date of last entry

REFERENCE TO P. W. A. CODE, CHPI.V
Para 39 & 81

Para 39 & 81

Executive Engineer
R. V. D. (CV) Division

ers as **Jehonabad**

ernment detailed
corded only by

1. In recording detailed measurements, the following 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, no where else.
- (c) Each set of measurement should commende with entries tarting-
- (i) In the case of bills for work done :-
- (a) Full name of wok 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 I 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 adveitently 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 O/C

NAWAR.

25

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of H.L R.C.C bridge over Dardha river between Sardabad & Tinobkepur village, under Karko Block Agency:- M/S K Ardi Associate Church Road Gurga.					
Ag No 16 EBD/2019-2020					
Date of entry:- 12.02.21					
<u>①</u> 6 Supplying Poling and placing H.Y.S2 bar danda					
P4 Poling No 2					
e/y 25mm 2240 X 26.95 X 3.85 = 2282.67					
e/y 12mm 10540 X 3.65 X 0.89 = 341.75					
16mm 1340 X 3.5 X 1.58 = 71.89					
For over lap					
2 X 2240 X 1.0 X 3.85 = 169.40					
					2865.71
					ie 2.8657m
<u>②</u> 5 Providing core cast in setu setu R.C.C 435 danda					

Continuation
1 X 25.6m = 25.6m

Sup
12.02.21
JE

Bar
12.02.21
MC

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ providing supplying and placing H.V.S.D bar do do -					
P4 - pile No 3					
Qty 25mm	22 Nos	26.95	3.85		2282.67
Qty 12mm	105 Nos	3.65	0.89		341.75
16mm	13 Nos	3.5	1.58		71.89
over lap					
2 x 22 Nos x 1.0 x 3.85 =					169.40
					2865.71
					ie 2.8657 mt

④ providing bare cast					
5 - for set R.C.C. for do do -					
Qty 1 x 25-bm =					25-bm
Rate of entry -					18.12.20
⑤ providing supplying and placing H.V.S.D bar do do -					
P4 - pile No 4					
Qty 25mm	22 Nos	26.9	3.85		2282.67
Qty 12mm	105 Nos	3.65	0.89		341.75
16mm	13 Nos	3.5	1.58		71.89
for over lap					
2 x 22 Nos x 1.0 x 3.85 =					169.40

Continuation

2865.71
 kg
 ie 2.8657
 mt

Particulars	Details of actual measurement			Quantity in m³
	No.	L.	B.	
(6) Providing bore				
5 Cast in situ pile				
m35 do do				
1 x 25.6m				25.6m

For (6.2)				
7 Providing Supplying				
6 placing HYSD bar				
do do				

For A2 pile No. 1

e6 20mm	26m x 20.95 x 2.47 =	1730.92 kg
e7 12mm	10.5m x 2.65 x 0.87 =	391.25 kg
16mm	13.1m x 2.5 x 1.58 =	71.57

For overlap

$$2 \times 26m \times 1.0 \times 2.47 = 128.44$$

$$2272.80 kg$$

$$702.2728 m³$$

(8) Providing bore				
5 Cast in situ pile				
m35 do do				

A2 - Pile No. 1

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

(9) @ (6.2.2)				
26m x 2.65 x 0.87 =				
16mm x 2.5 x 1.58 =				

(9) Providing & placing				
14 Y.S. 2 bar				
do do				

Continuation

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) Providing & placing H.Y.S.D bar do do					
A ₂ Pile No. 5					
e6 20mm	26 No	26.95	0.47		1730.72
e7 12mm	105 No	3.65	0.89		341.75 kg
16mm	13 No	3.5	1.58		71.89 kg
for over lap					
2 x 26 No x 1.0 x 2.47					128.44
					2272.80 kg
					10 2.278 MT

(16) Providing bore
cast in surface

Mass do do					
1 x 25.6m					25.6m
19.2.21					
25					

Date of Entry: 21.02.21

(17) Providing & placing
H.Y.S.D bar do do

For A ₂ - Pile No. 6					
e6 20mm	26 No	26.95	0.47		1730.72
e7 12mm	105 No	3.65	0.89		341.75
16mm	13 No	3.5	1.58		71.89
for over lap					
2 x 26 No x 1.0m x 2.47					128.44

Continuation

2272.80 kg
10 2.278 MT

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(18) Providing bore				
5 Cast in situ R.C.C				
435 dia - 40				
A2 pile no 6				
1x 25.6m -				25.6m
Aug 21.02.21 JE				

ABSTRACT OF COST

Name of work:- Construction
of High Level R.C.C
bridge over Dandha
River between Saeploba
& Timblepur village.

Agency:- M/S K Rander
Associates. Gurgaon.

Ag No 16 SB2/2019-20

Date of entry:-

(1) Providing and
7 Constructing one
span service Road

at Continuation

NO 1282.31/m - 94m

@ Rs 1282.31/m - Rs 120537.11

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Performing & fixing 12 Laga Project band do do vide item No 2 P. No 21 — 140					
③ 10076.26000 — 10076.0					
③ supplying fittings & placing H.V.S.D bar do do vide item No 3 P. No 21 to 22 → 6.971 mt 50.8818 mt					
⇒ 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 mt					
⇒ vide item No 7 P. No 27 — 2.2728 mt					
⇒ 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					
Avy 29.2099 mt 2.2728 mt					
② R 72893.88/mt — R 2188858.0 53,29687.0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ providing bore					
5 cast in situ R.C.C					
435 do do					
vide item no 5					
P.No 22 to 23 - 486.4m					
⇒ vide item no 2					
P.No 25 —			25.6m		
⇒ vide item no 4					
P.No 26 —			25.6m		
⇒ vide item no 6					
P.No 27 —			25.6m		
⇒ vide item no 8					
P.No 27 —			25.6m		
⇒ vide item no 10					
P.No 28 —			25.6m		
⇒ vide item no 12					
P.No 29 —			25.6m		
⇒ vide item no 14					
P.No 29 —			25.6m		
⇒ vide item no 16					
P.No 30 —			25.6m		
⇒ vide item no 18					
P.No 31 —			25.6m		
			716.8m		
@ Rs 16498.72/m —					Rs 11826282.00
					Rs 17286582.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF	R ₉ 17286582.0
less 10% below				(-) R ₉	1728658.0
					R ₉ 15557924.0
less previous below				(-) R ₉	11202170.0
					R ₉ 4355754.0
 21/02/21 JE 				 21/02/21 JE 	
Material for Paving					
Coarse sand - 117.199 m ³ x 110.69 =					
Aggregates					
40 mm - 93.75 m ³ x 345.22 =					
20 mm - 93.75 m ³ x 436.33 =					
10 mm - 46.87 m ³ x 520.42 =					
 21/02/21 JE 				 21/02/21 JE 	

Continuation