

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

2672

Schedule XLV-Form No. 134

EE. Koo (co) Telank DIVISION

A.E. Koo (co) Koko SUB-DIVISION

MEASUREMENT BOOK

2672

Sch. XLV - Form No. 134

Ichamboy

DIVISION

Kyko.

SUB-DIVISION

Measurement Book

No.

2672

Name of officer

Date of first entry

Date of last entry

प्रमाणित किया जाता है कि इस मापी-
 मुद्रिका को मापी होकर टेल क्लर्क
 के हस्त में बिना टेल क्लर्क, सहायक
 इंजीनियर या अन्य अधिकारी के
 माफा निगत **NOTES** मापी जाते हैं
 REFERENCE TO P. W. A. CODE, CHPL. VI
 Para 39 & 81

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 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 :-
- Full name of work as given in estimate
 - Situation of work
 - Name of contractor.
 - Number and date of his agreement and
 - Date of measurement
 - "Stock", (ii) "Purchase" for direct issue to (here enter full name of work as given in estimate)
 - "Purchase" for (here enter full name of work as given in estimate) issued to contractor on and
 - Date of measurements and should end with the Paid Initials of the officer marking the measurement, see also paragraph 24, A suitable abstract should then 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 advertently 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 officer ordering the cancellation or by reference 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.

NAWARD 4515

$$5 \times 18.75 = 96.80M$$

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.	D.	
Name of work:-					Construction of
High Level Bridge Between					
Saidabad & Timblepur village					
Under KARO BLOCK.					
Name of Agency:-					M/S K. Ande
& Associate, Ganesha Bhawan					
South Church Road, Near Kachas pebol					
pump - GAYA.					
Agreement No:-					16 SB01
Agreement Amount					39410787.0
5% maintenance					440638.0
TOTAL					39850825.00
Date of work start:-					25-02-2020
Date of work completion:-					24-08-2021
Date of Entry:-					10.9.20
(1) Providing and constructing					
7 one span service road					
to reach Island location					
from the pier to another					
pier location lands					
5 X 18.75m =					94.0m
(2) Providing and fixing					
38 of Logo project.					
board da - de					

Continuation

App
10.9.20
58

90

10/9/20
M

2
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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		-		140	
Date of Estt:-				16.09.20	
③ Supplying fitting and placing in coiled H.Y.S. 2 bar in pill clado					
A, Pill No 1					
26 20mm	26	26.95	2.47		
				=	1730.72kg
27 12mm	105	3.65			
			0.89	=	341.75
Shifting Ring					

16mm	13	3.5	1.58	=	71.89kg
For over lapping					
2x 26.40x	1.0	2.47		=	128.44
					2272.8kg
			12	2.2728	mt

④ Providing Bore cast

in set of M35 grade RCC

Pile clado

As per drawing A, pill No 1

1x 25.6m x 1 — 25.6m

Date of Estt:- 16.09.20

⑤ Supplying fitting and placing 14.5m

bar in pill No 2

Continuation

26 20mm	26	26.95	2.47	=	1730.72
27 12mm	105	3.65	0.89	=	341.75
16mm	13	3.5	1.58	=	71.89
For over lapping					
2x 26.40x	1.0	2.47		=	128.44
					2272.8kg
			12	2.2728	mt

3
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			12	2.288m	
⑥ Providing Bore cast					
in situ m35 R.C.C					
pile do do					
A1 - Pile No 2					
	1	25.6			25.6m
Asup 17.9.20					
Date of Entry: 18.09.20					
⑦ Supplying Piling					
and placing H.P.S.D					
bar in Abutment					
pile do do					
A1 - Pile No 3					
26 mm 2640 x 2645 x 2.47 = 1730.72					
27 12 mm 10540 x 365 x 0.89 = 341.75					
Shifting Ring 16 mm 1340 x 35 x 1.58 = 71.89					
For over Lapping 2640 x 10 x 2.47 x 2 = 128.44					
					2272.84
			12	2.2728m	
⑧ Providing Bore Cast					
in situ R.C.C Pile m35					
do do					
A1 - Pile No 3					
	1	25.6m			25.6m
Asup 18.9.20					
Date of Entry: 18.9.20					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of Entry: -	20	9-20			
⑨ Supplying Fitting 2					
Placing of H.Y.S.D bar					
in Abutment pile No					
4 do do					
A - pile No 4					
e6 20mm 26 Nos $26.95 \times 2.47 = 1730.72$					
e7 12mm 105 Nos $3.657 \times 0.69 = 341.25$					
Per overlapping $2 \times 26 \times 1.0 \times 2.47 = 128.44$					
Shifting Ring 16mm 13 Nos $3.5 \times 1.58 = 71.89$					
					2272.88
					2.2728mt

⑩ Providing Bare cast

Insert R.C.C Pile in					
Abutment pile No 4					
A - pile No 4 -					
As per	1	25.6m	=	25.6m	
Date of Entry: -	22-04-20				
⑪ S/F 1/2 placing H.Y.S.D					
bar do do -					
A - pile No 5					
e6 20mm 26 Nos $26.95 \times 2.47 = 1730.72$					
e7 12mm 105 Nos $3.657 \times 0.69 = 341.25$					
16mm 13 Nos $3.5 \times 1.58 = 71.89$					
Per overlapping					
$2 \times 26 \times 1.0 \times 2.47 = 128.44$					
					2272.88
					2.2728mt

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Providing bore cast in setu R.C.C pile nos do do					
A - Pile nos 5					
1 x 25.6 x 1 =					25.6m
As per 24.9.20					
Date of Entry: 24.9.20					
(13) Supplying fitting and placing H.Y.S.D bar in pile nos do do					
A - Pile nos 6					
26 mm dia 28 No x 26.95 x 2.47 =					1730.32
27 12 mm dia 105 No x 3.675 x 0.89 =					341.75 kg
splitting ring 16 mm 132 x 3.5 x 1.58 =					71.89
For overlapping 2 x 26 mm x 1.0 x 2.47 =					128.44
					2272.48 kg
					ie 2.2728 mtr
(14) Providing bore cast in setu R.C.C 435 in pile do do					
A - Pile nos 6					
1 x 25.6 m =					25.6m
As per 24.9.20					
Date of Entry: 24.9.20					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of entry - 28.09.20					
(15) Supplying Filting & placing H.V.S.D bar					
do do -					
Pier No (P ₁) - pile No. 1					
e14 25mmφ 22 No X 26.95 X 3.85 =					2282.67 kg
e15 12mmφ 105 No X 3.657 X 0.89 =					341.75
Shifting Ring 16mmφ 13 No X 3.5 X 1.58 =					71.89
For overlapping 2 X 22 X 1.0 X 3.85 =					169.40
					<u>2865.71 kg</u>
					ie 2.865 MT
(16) Providing bare cast in situ R.C.C pile m35 in Pier do do -					
P ₁ - pile No 1.					
1 X 25.6m					= 25.6m
Aug 28.9.20					28.9.20
Date of Entry - 30.4.20					
(17) Supplying Filting & placing H.V.S.D bar					
do do -					
P ₁ - pile No 2					
e14 25mmφ 22 No X 26.95 X 3.85 =					2282.67
e15 12mmφ 105 No X 3.657 X 0.89 =					341.75
16mmφ 13 No X 3.5 X 1.58 =					71.89
For overlapping continuation 2 X 22 No X 1.0 X 3.85 =					169.40
					<u>2865.71 kg</u>
					ie 2.865 MT

(18) providing bare cast in
 (A) Setu R.C.C. pile M35 door
 1 x 25.6m = 25.6m
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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) supplying fitting and placing of H.V.S.D bar in pile door					
P ₁ - Pile No 3					
e ¹⁴ 25mm 22No X 26.95 X 3.85 =					2282.67
e ¹⁵ 12mm 105No X 3.657 X 0.89 =					341.75
16mm 13No X 3.5 X 1.58 =					71.89
For over lapping 2 X 22No X 1.0 X 3.85 =					169.40
					2865.71kg
					ie 2.865MT

(19) Providing bare cast in Setu R.C.C. M35 in pile

P ₁ - Pile No 3					
1 X 25.6m =					25.6m
Actual 6.10-20					6.10-20
Date of entry -					10.10.20

(19) supplying fitting and placing of H.V.S.D bar in pile door

P ₁ - Pile No 4					
e ¹⁴ 25mm 22No X 26.95m X 3.85 =					2282.67
e ¹⁵ 12mm 105No X 3.657 X 0.89 =					341.75
16mm 13No X 3.5 X 1.58 =					71.89
For over lapping 2 X 22No X 1.0 X 3.85 =					169.40
					2865.71kg
					ie 2.865MT
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20) Providing bore cast					
in set R.C.C m35					
in pile do do					
P1 - Pile No 4					
1X 25.6m					25.6m
10.15.20					
10/11/20					

ABSTRACT OF COST.

Name of work: Construction

of H-L Bridge Between

Sudlabad & Timblepur

Village under KAKA Block

Agency: M/s K. Ande &

Associates South Church Road

Gurgaon

Ag No 16 S.B.2.2020-21

(1) Providing & Constructing

of One span Service Road

to reach Island do do

Qty rate items No 1

P-No 1 - 94.0m

Continuation @ Rs 1282.31/m — Rs 120537.0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Providing and Fixing 39 of Logo Project board do do vide item no 2 P.No 1 for 1 No @ Rs 10076.28 each — Rs 10076.28					
③ Supplying Lifting 8 & Fixing placing H.Y.S. 2 bar do do vide item No 3 P.No 2 — 2.2728 mt					
⇒ Qty vide item no 5 P.No 2 — 2.2728 mt					
⇒ Qty vide item no 7 P.No 3 — 2.2728 mt					
⇒ Qty vide item no 9 P.No 4 — 2.2728 mt					
⇒ Qty vide item no 11 P.No 4 — 2.2728 mt					
⇒ Qty vide item no 13 P.No 5 — 2.2728 mt					
⇒ Qty vide item no 15 P.No 2 — 2.2728 mt					
⇒ Qty vide item no 15 P.No 6 — 2.865 mt					
⇒ Qty vide item no 17 P.No 6 — 2.865 mt					
⇒ Qty vide item no 18 P.No 7 — 2.865 mt					

Continuation

25096 mt

130613.0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⇒ vide item No 19					
P. No 7 -				2.865 m	
⇒ vide item No				25.0965 m	
① Rs 72893.88/m					Rs 1829403.0
④ Providing base					
3 Cast in set R.C.C					
Pile m 35 do do					
vide item No 4					
P. No 2 -				25.6 m	
⇒ vide item No 6					
P. No 3 -				25.6 m	
⇒ vide item No 8					
P. No 3 -				25.6 m	
⇒ vide item No					
10 P. No 4 -				25.6 m	
⇒ vide item No					
12 P. No 5 -				25.6 m	
⇒ vide item No 14					
P. No 5 -				25.6 m	
⇒ vide item No					
16 P. No 6 -				25.6 m	
⇒ vide item No					
18 P. No 7 -				25.6 m	
⇒ vide item No 19					
P. No 7 -				25.6 m	
⇒ vide item No 20					
P. No 8 -				25.6 m	
Continuation					
					256.003

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					256.0 m ²
@ Rs 16498.72/m ³					Rs 223672.0
					Rs 6183688
1.85 10% Asper Ag					Rs 618369.1
Ref 10.15.20 (A)					Rs 5565319.
⑤ Secored at none					Rs 1010.20
Asper Spd elouse					Rs
10B(i) supplying					
of H.Y.S.D bar for					
above mentioned work					
do do -					
(1) supply of H.Y.S.D					
bar for hill bridge					
over dandhar river					
between sandlabad					
& Timbherpur village					
VI 2 AG TMT BAR					
25 mm 917.96 mt = 17					
② 16mm - 5.080 mt					
20mm - 6.05 mt					
					29.090 mt
					Basic + carriage
14.40 @ Rs 45594.13 + 341.60					
@ 45935.73 / mt					Rs 1236270.0
② supply of H.Y.S.D					
bar for above mentioned					
work do do					

Continuation

Agency: - M/s. Infra Corporation
 Gadhokar Fatu kg.
 Patna

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Cashment -					860 dt 16/11/20
(1) VIZAG TMT BAR					
25mm					6.50mt
Shallmt 20mm					19.50mt
Shallmt 10mm					6.52
					<u>32.07mt</u>
Mos					
12.40 @ Rs 459.35/mt					R 1473159
(3) Supply of TMT bar					
for above mention					
work do do					
Agency - Sigma Steel					
Supplier Kurji, more					
Pahna.					
Invoice No BSS/20-21/462					
dt 16 Nov 2020					
(1) 10mm TMT					10.67mt
(11) 25mm TMT					6.125mt
					<u>16.795mt</u>
@ Rs 459.35/mt					R 771491.0
(4) Supply of TMT Bar					
for H.L bridge over Sardha					
river near Sardabad,					
Agency - Sigma Steel					
Supplier Kurji, more					
Pahna					
Invoice No BSS/20-21/499					
dt 11 Nov 2020					
(1) 25mm					29.99mt
@ Rs 459.35/mt					R 1378741.0
					<u>Total Rs 4859661</u>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B R	R	4859.661.00
Add Ch. 5T 9V. (H) R					437369.
Add S 5T 9V. (F) R					437369.
			(B)		R 5734399
NO TOTAL (A+B)					R 911299718.0
Aug 10.12.20 JS			10.12.20		
Material for Rwy. work					
Aggregate.					
20mm -		138.24	$\frac{3}{4}$		556.33

10mm - 92.16 $\frac{3}{4}$ x 620.42

car sand - 115.2 $\frac{3}{4}$ x 160.69

~~Aug~~
10.12.20
JS

~~10.12.20~~