

H.L.R.C.C Bridge over Falgue Nala at ghoshi Ichampur
path to Maddapur path in Choshi.

Schedule XLV-Form No. 134

E.E. Koo D (w) Tehsildar DIVISION

A.E. Koo D (w) Choshi SUB-DIVISION

2622

MEASUREMENT BOOK

Sch. XLV—Form No. 134

EE, Rawi (w) Jehumeh DIVISION
A. E, Rawi (w) hash. SUB-DIVISION

Measurement Book

No.

2622

Name of Officer

Date of first entry

Date of last entry

प्रमाणित किया जाता है/एक मास
 गुणवत्ता के मानीत आंकृत रुक 100
 (100) रुक है/एक मास
 यादगी, सहायक निमित्त कोषी
 को निमित्त निमित्त

Schedule PLV-Form No. 134

NOTES

REFERENCE TO P. W. A. CODE, CHPT VII
 Para 39 & 61

- In recording detailed measurements the following general instructions should be observed:-
- (a) Subject to such subsidiary orders as may be issued down by the local Government, detailed measurements should be recorded only by Executive or Assistant Engineer or by Executive subordinates in-charge 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 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
 - (ii) "Stock", (ii) "Purchase" for direct issue to (here enter full name of work as given in estimate)
 - (iii) "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 adveltenly must be cancelled by diagonal nes. The cancellation being attested. See also paragraph of the Public Work Department Code.
- (f) No entry may be erased, of a mistake is made it shold 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 up to date.

- Abstract at cost

72

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/7) providing & construction temporary earth island location from one pier to another pier do-do -					
Qty vide TMB					
Page No - 59				= 02 NOS.	
@ 53274.58/No				₹	106549.16
(2/6) supplying, fitting & placing uncracked HYSD Bar Reinforcement in foundation do - do -					
Qty vide TMB					
Page No - 59				= 47.12 MT	
@ ₹ 60952.09/MT				₹	2893442.0
(3/2) Ply Steel linear 06 mm thick for steining at wall do-do -					
Qty vide TMB					
Page No - 59				= 8.52 MT	
@ ₹ 72141.86/MT				₹	657248.64
(4/3) Bore cast in situ m35 grade R.C.C. Pipe Ex-cluding Reinforcement do - do -					
Qty vide TMB					
Page No - 59				= 345.60m	
@ 14219.52/M				₹	4914266.11
(5/1) Earth work in					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Excavation at foundation					
at structure do do					
844 vide TMB					
Page No - 60				206.55m ³	
@ 285.17/m ³					58902.0
(6/4) Plv & laying at					
PCC mis levelling course					
100mm thick below the					
foundation.					
844 vide TMB					
Page No - 60				1042 m ³	
@ 4401.81/m ³					45867.0
(7/8) Discontinuity at existing					

Structure - - - etc.					
Page No - 60				10.83m ³	
@ 1130.10/m ³					12239.0
(8/14) Subblying & fitting					
Placing HYSD Bar in					
Sub-structure - - - etc.					
844 vide TMB					
Page No - 60				19.58 MT	
@ 61102.34/MT					1196384.0
(9/15) cement concrete					
for Reinforcement					
Concrete in Pile Cap					
- - - etc.					
844 vide TMB					
Page No - 60				206.53m ³	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ 5501	781	m ³			1136282.0
(10/9) Rce in Sub-structure					
with concrete (in					
abutment & Pier Shabti)					
etc.					
Qty vide TMB					
Page No - 61			141	21 m ³	
@ 757	66.37	m ³			814269.0
(11/11) Plv weep Holes in					
Rce abutment, Return					
Wall with 100mm					
dia AC pipe - etc					
Qty vide TMB					

Page	61		48	Nos	
@ 1108	63	Nos			5694.0
(12/13) Plv & laying at					
Filter media with granular					
material Stone material					
Satisfying The requirement					
do - do -					
Qty vide TMB					
Page No - 61			42	28 m ³	
@ 2458	66	m ³			108952.0
(13/10) Back Filling behind					
abutment, Intake Wall and					
Return Intake do - do -					
Qty vide TMB					
Page No - 61			55	33 m ³	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ ₹ 619.00/m ³ — ₹					34253.0
(14/15) Subbling, fitting and fixing in position					
True to line do - do					
Qty vide TmB					
Page No - 62 = 101455.2					
@ 0.88/cum — ₹					89281.0
(15/16) Subbling, fitting and placing HYSD Bar					
Reinforcement in					
Super Structure do - do					
Qty vide TmB					
Page No - 62 — 12.085 MT					
@ 62200.03/MT — ₹					751929.0
(16/15) furnishing and placing Reinforced / PC					
in Super Structure					
do - do -					
Qty vide TmB					
Page No - 62 $A_{in} = 66.08 m^2$					
@ ₹ 6315.63/m ³ — ₹					417337.0
(17/17) Plv & laying concrete					
concrete wearing coat					
M-30 grade do - do -					
Qty vide TmB					
Page No - 63 = 12.45 m ³					
@ ₹ 12320.45 — ₹					153386.0
(18/18) Construction at PNC					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Cast Rcc Railing ab	m30				
grade aggregate do do					
Qty vide Tmb					
Page No - 63	=	44.4	4 m		
@ ₹ 3034.63 / m	—	₹	134859.0		
(19/19) Drainage should					
Complete as per drawing					
and Technical Specifications					
do do					
Qty vide Tmb					
Page No - 63	=	12	NOS.		
@ ₹ 582.89 / NOS	—	₹	6995.0		
(20/22) P.V. & laying ab					
a strip					
Join to maximum					
Horizontal do do					
Qty vide Tmb					
Page No - 64	=	36.0	m		
@ ₹ 11682.52	—	₹	420571.0		
(21/22) P.C. M15 grade levelling					
Course below abbranch					
Slab do do					
Qty vide Tmb					
Page No - 66	=	7.88	m ³		
Limit - 7.09 m ³					
@ ₹ 4173.67 / m ³	—	₹	29591.00		
(22/21) Rcc abbranch Slab					
including reinforcement					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
and foundation do- do-					
Qty vide TMB					
Page No - 66			15.95 m ³		
Limit -			14.18 m ³		
@ ₹ 204.26.64/m ³				₹	133,669.0
(23/23) Plv & abutting					
thru coat at bridge					
based concrete piling					
to be blasted concrete					
do- do-					
Qty vide TMB					
Page No - 67			514.43 m ²		
Limit -			500.0 m ²		
@ ₹ 93.00/m ²				₹	46,500
(24/25) Plv and laying					
boulders across river bed					
for protection against					
scour with stone					
do- do-					
Qty vide TMB					
Page No - 67			53.07 m ³		
Limit -			52.62 m ³		
@ ₹ 2865.72/m ³				₹	1,50,794.0
(25/27) Plv & laying filter					
material under reach					
Pitching in slope do- do-					
Qty vide TMB					
Page No - 67			13.173		
			26.35 m		

Continuation

Ann

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Limit	26.3	m ³	
@ ₹ 2865.22/m ³				₹	37741.0
(26/26) providing and laying precast on slope laid and prepared do-do					
Qty vide TMB					
Page No - 67			26.35	m ³	
Limit - 26.31 m ³					
@ ₹ 2649.60				₹	69712.0
(27/29) Construction ab USB by providing coarse graded material, spreading in uniform layer do - do					
Qty vide TMB					
Page No - 68			103.50	m ³	
@ ₹ 1762.57/m ³				₹	182426.0
(28/30) Providing 25 mm thick uniform grade III material including all lead do-do					
Qty vide TMB					
Page No - 68			31.23	m ³	
@ ₹ 2870.34/m ³				₹	106863.0
(29/31) Plv and applying primer coat with Bitumen Emulsion on prepared Surface do-do-					
Qty vide TMB					
Page No - 69			487.5	m ²	
@ ₹ 41.18/m ²				₹	20075.0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(30/32) providing and					
applying tack coat with					
bitumen emulsion					
do - do -					
	Qty	vide	TMB		
Page No - 69	=	487.5 m ²			
@ ₹ 13.98	—		₹	6815.0	
(31/33) Plv & laying and					
rolling at close - graded					
Premix Surfacing do - do -					
	Qty	vide	TMB		
Page No - 69	=	487.50 m ²			
@ ₹ 185.67/m ²	—		₹	90514.0	
(32/34) providing Boundary					
Pillars and post Reinforced					
concrete concrete onis grade					
Boundary Pillar do - do -					
	Qty	vide	TMB		
Page No - 70	=	58 nos.			
@ ₹ 836.32/nos	—		₹	48509.0	
(33/28) Construction at					
Embankment with					
approved material obtained					
from Borrow Pits					
do - do -					
	Qty	vide	TMB		
Page No - 70	=	812.94 m ³			
Page No - 71	=	576.66 m ³			
		1389.60 m ³			
Limit -		1381.18 m ³			

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ ₹	181.76	1/m ³		₹	251043.0
				₹	15127958.0
Add	1%	Labour	cost	₹	151279.0
Add	12%	W/S		₹	1815355.0
				₹	17094592.0
Below 10% of Aggremed				₹	1709459.0
				₹	15385133.0
Previous Payment				₹	14190919.0
Net Pay				₹	1194214.0

22/05/20
J-E

10/06/2021
A.E.

Continuation