

P.C.C H.L Bridge over Gangher Nadi, Kutch
Bhore
Schedule XLV-Form No. 134
(Abstract of cost)

Arwal **DIVISION**

Kutch. **SUB-DIVISION**

768

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इस मापी
पुस्त में कुल 100 पन्ने मशीन मुद्रित
है जो श्री P. W. DEPARTMENT, BILWA
अभियंता कार्यालय, मुंबई, प्रयुक्त किये
के नाम से निरित किया जाता है।

NOTES

Para 30 & 31

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, all measurements should be recorded 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, no where else.
 - (c) Each set of measurement should commence with entries stating —
 - (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) In case of bills for supply for materials :-
 - (a) Name of Supplier
 - (b) Number and date of his agreement for order,
 - (c) Purpose of supply in one of the following forms applicable of the case —
 - (i) "Stock" (for all supply for stock purpose)
 - (ii) "Purchase" for direct issue to the work (full name of work as given in estimate may be mentioned)
 - (iii) "Purchase" for (full name of work as given in estimate) issued to contractor
- (d) Date of measurements and should end with the Paid initials of the officer marking the measurement, see also paragraph 25)

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.
- (e) 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.
- (f) 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.
- (g) 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 installed by the officer who made the measurements in either case the reason for cancellation should be recorded.

Each measurement book should be provided with an index which should be kept up to date

Abstract of Cost

(These four lines should be repeated at the commencement of the measurement relating to each work)

Abstract of cost.			
Item No.	SB	BOB No.	
1/1			Earthwork in Excavation for
			Structure — do — item ②
	Vide MB No.	767 P-6	Qty. 395.69 m ³
	Vide MB No.	767 P-8, item ⑧	Qty. 231.22 m ³
			<u>626.91 m³</u>
			Rs 133,62 = Rs 83767 = ∞
2/2			Providing & laying of PCC MIS
			below pile cap — do —
	Vide MB No.	767 P-6, item ⑤	Qty. 17.49 m ³
	Vide MB No.	767 P-9, item ⑩	Qty. 10.2 m ³
			<u>27.69 m³</u>
			Rs 4801.77 = Rs 132961 = ∞
3/5			
			Rs 2,16,1728 = ∞

C. O.

B.F. - 2,6,728 = ∞

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3/5 Rcc grade M30 in Pile foundation					
do Pile cap in Rcc M30					
Vide MB No 767, P-8, item (5)			192.	87m ³	
Vide MB No 767, P-10, item (13)			112.	71 m ³	
			305.	78 m ³	
@ 5925.38					Rs 18,11,863 = ∞
4/6 Bored cast-in-situ M35 grade R.C.C. — do —					
Vide MB No 767, P-6, item (4)			Qty -	280 M	
Vide MB No 767, P-8, item (10)			Qty -	160 M	
@ 12280.263					Rs 5,40,3316 = ∞
5/7 Supplying, fitting & placing 15mm bar R/F — do —					
Vide MB No 767, P-5, item (4)			46.	478 MT	
			44.	814 MT	
Vide MB No 767, P-8, item (6)			17.	357 MT	
Vide MB No 767, P-9, item (12)			10.	029 MT	
			72.	20 MT	
@ 56916.619					Rs 41,09,380 = ∞
6/8 Providing Steel Liner 6mm thick asper — do —					
Vide MB No. 767, P-6, item (3)			Qty.	3.55 t	
Vide MB No 767, P-8, item (9)			Qty.	1.42 t	
				4.97 t	
@ 67462.216					Rs 3,35,287
Sub total - const. cost.					Rs 1,18,76,574
Add 12% GST as per Agg.					Rs 14,25,189
Add 1% Labour's cost as per Agg.					Rs 1,18,766
Total =					Rs 1,34,20,529

Continuation

c. o.

Bf: 134,20,529 = 00

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20.21% less as per Ass.	Rs 134,20,529 = 00				
	(-) Rs 27,12,289 = 00				
Net Amount	1,07,08,240 = 00				
Add S.F. vide MB No. - P-12	Rs 52				
As per Ass.	Rs 134,20,529 = 00				
Add S.F. vide MB No. - 767 P-12	Rs 52,421 = 00				
Total Contn. cost	134,72,950 = 00				
20.21% less as per Ass.	(-) Rs 27,22,883 = 00				
Net Gross Amount	Rs 1,07,50,067 = 00				
i.e. one crore seven lakh fifty thousand six hundred and seven paise only.					
(checked Above Amount V.T.B.M P-1 to 3)					
<div style="display: flex; justify-content: space-between;"> <div> Arinash 12/4/22 JE </div> <div> 22/4/22 AE, Kootma Sub Division Camp 22.04.2022 </div> </div>					

Continuation

