

R.C.C H.L Bridge over Gangher Nadi, Kuthac  
Block

# Schedule XLV-Form No. 134

(Abstract of cost)

Arwal

DIVISION

Kuthac.

SUB-DIVISION

768

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इस माफ  
पुस्त में कुल 100 पन्ने मशीन मुद्रित  
हैं जो श्री सुधीर कुमार द्वारा  
अभियंता कमल के नाम से निरित किया जाता है।

NOTES

REFERENCE TO P. W. DEPARTMENT, CHHLYA  
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, 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 commence with entries stating —
      - (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
      - (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)
          - (ii) "Purchase" for (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 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



# 2nd on A/c Bill

5

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work	Const <sup>n</sup> of Rcc Bridge				
	at Panmyat Pinjarawank				
	Village. mathiya. Ke. prus				
	Mangarla Has Mathiya path				
	over Garghar Nadi me pul.				
Agency -	Vishwanath Nirman pri. Ltd				
	At: Chandariya; PO. Kasil/ Dist. Telangana				
Agreement No -	01/SBD/NABARD/2021-22				
Date of Start -	09.5.2021				
Date of Completion -	28.11.22				
	Abstract of Cost				
1/1	Earthwork in Excavation for				
	Structures as per drawing &				
	technical specification - do -				
	Qty vid TMB, P = 1				
	626.91 m <sup>3</sup> @ Rs 133.62/m <sup>3</sup> — Rs 83767.00				
2/2	Providing & laying of PCC M-15				
	levelling course. 100mm thick below				
	the pile cap — do —				
	Qty vid TMB, P = 1				
	27.69 m <sup>3</sup> @ Rs 4801.72/m <sup>3</sup> — Rs 132961.00				
3/5	RCC grade M-30 in pile foundn				
	Complete as per Draw & schedule				
	Pile Cap in Rcc - M30				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty	vide	TMB, P = 2			
Limit 305.690 m <sup>3</sup> @ Rs = 5925.38/m — Rs = 1811329.00					
4/6	Based on in-situ M-35 grade				
RCC pile excluding reinforcement					
Complete as per diag & technical specification (1200 mm Dia) — do —					
Qty	vide	TMB, P = 2			
440.00 m @ Rs = 12280.24/m — Rs = 5403316.00					
5/7	Supplying fitting & placing HYSD				
Bar reinforcement in foundation					
Complete as per — do —					
Qty	vide	TMB, P = 2			
Limit 72.147 MT @ Rs = 56916.62/MT — Rs = 4106363.00					
6/8	Providing steel lines 6mm thick				
as per — do —					
Qty	vide	TMB, P = 2			
4.97 t @ Rs = 67462.216/t — Rs = 335287.00					
7/10	Supplying fitting & placing HYSD				
bar reinforcement in sub-structure					
as per diag & technical — do —					
0.585 MT Qty vide MB-767, P = 13					
4.569 MT Qty vide MB-767, P = 14					
1.290 MT Qty vide MB-767, P = 15					



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1.844 MT Qty vide MB-767, P=16					✓
8.288 MT @ Rs = $\frac{57076.374}{57076.374}$ / MT — Rs = 473049.00					
8/9) Providing Rec. grade - M30 in Sub-structure - Complete — do —					
27.06 m <sup>3</sup> Qty vide MB-767, P=15					✓
12.10 m <sup>3</sup> Qty vide MB-767, P=15					✓
60.70 m <sup>3</sup> Qty vide MB-767, P=17					✓
99.86 m <sup>3</sup> @ Rs = $\frac{6720.664}{6720.664}$ / m <sup>3</sup> — Rs = 671125.00					
					R <sub>8</sub> = 13017197.00
Add - 12% GST — Rs = 1562064.00					
Add - 1% L.C — Rs = 130172.00					
					R <sub>8</sub> = 14709433.00
Add S.F of 1st paid R/A — Rs 52421.00 (vide TMB, P=3)					
Add S.F for 2nd R/A Bill — Rs 6457.00 (vide MB-767, P=17)					
As per app. Sub Total — Rs 14768311.00					
As less as per app. (20.21%) — Rs 2984676.00					
					R <sub>8</sub> = 11783635.00
Less previous paid Bill — Rs 10746865.00 (vide TMB, P=3)					
Net payable Amount — Rs 1036770.00					
(Ten lakh thirty six thousand only)					
Arinash 6/7/22 J.E					
Continuation					
18/08/2022 E.E.					