

~~For~~ ~~the~~ ~~use~~ ~~of~~ ~~the~~ ~~author~~ ~~only~~ ~~:-~~

Schedule XLV-Form No. 134

NAHAR TO Beedpur (MMSY)

Executive Engineer R.W.D. DIVISION -

Jelonaabad

A.E. R.W.D. WORK - SUB-DIVISION -

Hulag Gany

MEASUREMENT BOOK

No-2744

R.W.D. Work - DIVISION - Jehanabad
R.W.D. Work - SUB-DIVISION - Hulasganj

Measurement Book

No. 2744

Name of Officer _____

Date of first entry _____

Date of last entry _____

प्रमाणित किया जाता है कि इसका प्रमाण
 मैकशीन अंकीय डेटा-100 (एचपी) पृष्ठ
 Schedule PLV-Form No. 134
 है जिसमें सूचीबद्ध कार्य का मापन किया
 हुआ है।
 REFERENCE TO P. W. A. CODE, CHPI, VII
 Page 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 Executive Engineer or Assistant Engineers or 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)
- (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

Abstract of cost

Name of work: Construction of
Road from Nalax to Bemipur
under M.M.G.S.R., Jhalanabad (Bihar).
Name of contractor: Sri. Alok Kumar,
Vill - Barra, Post - Jhalanabad
Agreement No: 15/SBD/20-21.
Date of commencement as per
agreement: 18/08/2020.
Actual date of start: 18/08/2020.
Actual date of completion as
per agreement: 18/08/2020.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Actual date of completion →					
work is in progress					
Date of abstract → 26/11/2021.					
Demo proven & Fixing of					
(1/1) working; back-mark-bellars					
— do — do —					
V.T.M.B. P. NO. 1 — 20					
01 NOS,					
@ Rs 3601.25 / NOS — Rs 3601.25					
(2/2) — proven & Fixing of					
working; back mark-bellars.					
reference bellars — do —					
— do —					
V.T.M.B. P. NO. 1 — 02					
04 NOS,					
@ Rs 1638.62 / NOS — Rs 6554.28					
(3/3) — clearing and grading					
Road Land — do — do —					
V.T.M.B. P. NO. 1 — 02					
0.58 Hec.					
@ Rs 51161.25 / Hec — Rs 29674.25					

39829 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/4) - Excavation for road way in rock using manual means - do - do -					
V.T.M.B. P. No. - 02,					
				20.00 m ³	
@ Rs 74.16/m ³ -				Rs -	1483.20
(5/5) - Construction of embankment with approved material - deposited from road way - do - do -					
V.T.M.B. P. No. - 08,					
				12.00 m ³	
@ Rs 55.57/m ³ -				Rs -	667.20
(6/6) Construction of embankment, obtained from borrow pit - do - do -					
V.T.M.B. P. No. - 10,					
				307.25 m ³	
@ Rs 188.05/m ³ -				Rs -	57786.25
(7/7) - Construction of embankment with material obtained from borrow pit, with a 100 m load - do - do -					

59765-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V.T.M.B. P. NO. 1 - 09					
			1225.18 m ²		
@ Rs 170.62/m ² — AS —					2,09,723.24
(8/8) - construction of subgrade and earthen shoulder					
— do — do —					
V.T.M.B. P. NO. 1 - 10					
			986.62 m ²		
P. NO. 1 - 26,			834.75 m ²		
Total 94 =			1821.37 m ²		
@ Rs 335.98/m ² — RS —					4,29,807.24
					3,10,762.00

(9/9) - Granular sub-base with coarse graded material - do - do -

V.T.M.B. P. NO. 1 - 08,

24.18 m²

P. NO. 1 - 27,

663.21 m²

Total 94 = 687.39 m²

Limit = 505.65 m²

@ Rs 1869.94/m² — RS - 9,45,535.00

(10/10) - WBM grading - 3,

room, lorry and spreading

and compacting stone aggregate.

1684830-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
— do — do —					
V.T.M.B. P.No. 1-10,					
			45.00 m ³ .		
P.No. - 28, 230-38 m ³					
Total 747 = 235.38 m ³ .					
@ Rs 2394.42/m ³ — Rs- 6,59,375 ⁰⁰					
(11/14) - Cement concrete					
pavement M-30 grade					
— do — do —					
V.T.M.B. P.No. 11					
			96.00 m ³		
@ Rs 5751.78/m ³ — Rs- 4,91,245 ⁰⁰					
(12/28) - providing and applying					
Typical M.M.G.S. sign Board					
— do — do —					
V.T.M.B. P.No. 01,					
			02 Nos,		
@ Rs 9140.26/No. — Rs- 18,280 ⁰⁰					
(13/29) - Earthwork in excavation					
for structures as per drawing					
and technical specification					
— do — do —					

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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V.T.M.B. P.No - 04,					
					162.70 m ³
@ Rs 294.23/m ³					Rs - 4,94,26 ⁰⁰
(14/30) prov ⁿ M-15 (1:2:5)					
P.C.C as levelling course					
— do — do —					
V.T.M.B. P.No - 04,					
					24.60 m ³
@ Rs 4239.47/m ³					Rs - 1,04,29 ⁰⁰
(15/31) - Brick masonry					
work C.M (1:4) in Hand					
curved complete as per drawing					
— do — do —					
V.T.M.B. P.No - 07,					
					162.18 m ³
@ Rs 5668.56/m ³					Rs - 919,327 ⁰⁰
(16/32) - prov ⁿ laying R.C.C					
pipe NP-3 for culverts					
on firm clay bedding					
M-10 - do - do —					
V.T.M.B. P.No - 07,					

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
		39.50 M		
@ R.A 1281.65 / M				RS - 45,8122 =
(17/33) PROV ⁿ & having				
R.C.C. NA-3 PIPE				
for culverts - db - db -				
V.T.M.B. P. No - 07,		20.50 M.		
@ R.A 3670.06 / M				RS - 82,576 =
(18/34) platform with				
C.C.M (1.4) on 681 G.C				
ceiling in sub-structure				
db - db -				
V.T.M.B. P. No - 12,				
383.97 m ²				
@ R.A 147.28 / m ²				RS - 56,4772 =
				Total RS = 41,11,6432 =
Add 12% G.S.T and 1%				
labour cess on construction cost RS -				5,34,5142 =
				Total RS = 46,46,1572 =
less 2.91% of Rs. agg. to				1,35,2032 =
				Total RS = 45,10,9542 =

B/F = 45,10,9542 =

Continuation

ok
p