

Nahar Se Gridarpar (5C)

Schedule XLV-Form No. 134

Executive Engineer R.W.D. ^{Jenambad} DIVISION -

A.E. R.W.D. - ^{Hashig} SUB-DIVISION

MEASUREMENT BOOK

No - 2763

Sch. XLV - Form No. 134

E.E.R.W.D. WORK - DIVISION -
A.E.R.W.D. Jahangabad
SUB-DIVISION -
Hulas Ganj

Measurement Book

No. 2763

Name of officer _____

Date of first entry _____

Date of last entry _____

ਪ੍ਰਕਾਸ਼ਿਤ ਤਿਥਾ ਜਾਂਨਾ ਫੌਤਿ ਸ਼ਕਤੀ ਪੂਰਨ
 ਸੰਗਤੀਨ ਤੰਤਿਨ ਤੁਲ 100 (੧੩੬੦) ਪ੍ਰਭ
 ਫੌਜਿ ਸ਼ੀ ਤੇ ਸੀਤ ਤੁਲਾ (ਸਲਾਹਤ ਤੰਤਿਨ)
 ਤੰਤਿਨ ਤੁਲਾ (ਸਲਾਹਤ ਤੰਤਿਨ)
 ਤੰਤਿਨ ਤੁਲਾ (ਸਲਾਹਤ ਤੰਤਿਨ)

Schedule PLV-Form No. 134
 NOTES

REFERENCE TO P. W. A. CODE, CHPI.VII
Para 39 & 81

11. In recording detailed measurements the following general instructions should be carefully followed:-
- (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, nowhere 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
- (i) "Stock", (ii) "Purchase" for direct issue to (here enter full name of work as given in estimate)
- (ii) "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 I 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 adveitently 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.

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1st on A/C

1

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 Road from Nalax Se. Gidaspur under M.H. 17.					
Name of Agency:- M. N. H. 17.					
Agreement No:- 35 / SBD / 21-22.					
Date of work start as per ag:- 09/08/21.					
Date of completion as per ag:-					
Actual date of start:- 09/08/21					
Actual date of completion:- Work is in progress					
Date of Entry:- 04/09/21					
Item No (1/3)	Clearing and grubbing pond land - db - db -				
	16 x	20.00 x	6.00		2880 = sq m ²
	1 x	20.00 x	6.00		120 = sq m ²
					Total = 3000 = sq m ²
Item No (2/1)	Setting out pillars - db - db -				0.80 H.M.
	B x 1				3 Nos.
Item No (3/8)	Cable duct across the Road (For irrigation purpose) - db - db -				
	4 x	2 x	2.50		20.00 M.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/2) Providing and fixing of typical M.M.C.S. Interlocking Sign Board	db		db		
	2x1				2 NOS.
(5/6) Construction of embankment with material obtained from borrow pits with a lift up to 1.5m db	db				
CH	Area	Mean	Distan-	Volume	
(M)	(m ²)	(area m ²)	(m)		
0	1.008				
50	0.994	1.001	50	50.05 m ³	
100	0.864	0.929	50	46.45 m ³	
150	1.002	0.933	50	46.65 m ³	
200	0.848	0.925	50	46.25 m ³	
250	0.946	0.897	50	44.85 m ³	
300	1.104	1.025	50	51.25 m ³	
350	0.920	1.012	50	50.60 m ³	
400	0.880	0.900	50	45.00 m ³	
450	1.010	0.945	50	47.25 m ³	
500	1.040	1.025	80	51.25 m ³	
				Total qty = 479.60 m ³	
04/09/21					

D.G

Continuation
P.G

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of carting 10/09/21					
Item no excavation in soil using hydraulic excavator and trucks with					
(5/4) disposal upto 1000m db - db -					
Both side of Road					
$2 \times 16 \times 30.00 \times 0.625 \times 0.10$					$60.00 m^3$
$2 \times 1 \times 20.00 \times 0.625 \times 0.100$					$2.50 m^3$
					$9.4 = 62.50 m^3$
Item no construction of embankment					
(2/5) with material obtained					
from road way cutting - db					
do					
$0.60 \times 0.62.50 =$					$37.50 m^3$
(3/8) construction of granular					
sub-base by providing coarse graded					
material - db - db -					
$2 \times 16 \times 30.00 \times 0.625 \times 0.100$					$60.00 m^3$
$2 \times 1 \times 20.00 \times 0.625 \times 0.100$					$2.50 m^3$
					$Total = 82.50 m^3$
In profile correction					
$5 \times 1.8 \times 1.60 \times 0.100$					$1.44 m^3$
$4 \times 1.20 \times 1.00 \times 0.100$					$0.48 m^3$

Continuation

Date of Entry $\rightarrow$ 24/09/21			
Dem NO Water Bound Macadam			
(1/9) Brick Home lowering curb			
- 15-77 - 06 - 06 -			
$1 \times 30.00 \times \left(\frac{4.00 + 3.75}{2} \right) \times 0.075$			8.72 m ³
$2 \times 30.00 \times 3.75 \times 0.075$			16.87 m ³ 16.85 m³
$1 \times 11.00 \times \left(\frac{3.75 + 3.60}{2} \right) \times 0.075$			3.01 m ³
$2 \times 30.00 \times 3.75 \times 0.075$			16.87 m ³ 16.85 m³
$1 \times 14.00 \times 3.75 \times 0.075$			3.94 52.51 m ³
$1 \times 30.00 \times 3.75 \times 0.075$			8.43 2.87 m ³
$1 \times 25.00 \times 3.75 \times 0.075$			7.03 m ³
$3 \times 30.00 \times 3.75 \times 0.075$			25.31 m ³
Total Qty =			90.18 m ³

24/09/21
20

~~Continuation~~
A E

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost		x	x		
Name of works + Construction of Road from Nalor to Gidaxpur under M.M.G.S.Y.					
Name of Agency + Md Naim Hasmi, vill + Mohiuddinpur, P.O - Sinduani, P.S. - Uplara,					
Agreement No. + 95/S.D.O/21-21					
Date of start of work + 09/08/21					
Date of completion of work + 08/05/22					
Actual date of start + 09/08/21					
Actual date of completion + work is in progress.					
Date of abstract + 08/10/21.					
(1/1) P.S.M. & Fixing working B.M. pillars - db - db -					
V.T.M.B. P. No. - 01					
1 Nos					
@ Rs 3622.75 / Nos - Rs 3622.75					
(2/3) Clearing and grabbing Road land - db - db -					
V.T.M.B. P. No. - 01					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V.T.M.B. P. No. - 01					
			8.30 Hec.		
@ Rs 52900.35 / Hec - Rs - 158912.00					
(3/4) Excavation in soil					
Using hydraulic excavator					
— do — do —					
V.T.M.B. P. No. - 03					
			62.50 m ³		
@ Rs 74.10 / m ³ — Rs - 46312.00					

(4/5) construction of					
embankment with material					
obtained from roadway					
cutting — do — do —					
V.T.M.B. P. No. - 03					
			37.50 m ³		
@ Rs 56.15 / m ³ — Rs 2105.00					

(5/6) construction of					
embankment with material					
obtained from borrow pit					
— do — do —					
V.T.M.B. P. No. - 02					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		479.60	m ³		
@ R ₁ 190.35/m ³ — R ₁ —					91,292 ⁰⁰
(6/8) granular sub-base					
with coarse graded material					
— do — do —					
V.T.M.B. P.No. 1 - 08,					
78.80 82.50			m ³		
@ R ₁ 1814.51/m ³ — R ₁ —					1,42,984 ²⁰
(7/9) - providing, laying					
and road marking					

W.B.M - cr-3 - do - do -					
V.T.M.B. P.No. 1 - 04,					
90.18			m ³		
@ R ₁ 2359.88/m ³ — R ₁ —					2,12,814 ⁰⁰
(8/10) cement concrete Pavement					
(M-30) grade - do - do -					
V.T.M.B. P.No. - 05,					
192.47			m ³		
@ R ₁ 5023.76/m ³ — R ₁ —					9,66,923 ⁰⁰
(9/12) Providing and fixing					
of typical M.M.Gisy Information					
sign Board - do - do -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V. T. M. B. P. No.			02,		
			2 No.		
@ Rs 944.12 / No.				R1-	18,822.00
					Total Rs = 14,59,084.00
Add 1% labour cost and 12%.					
G. S. T.				R9 =	1,89,881.20
					Total Rs = 16,48,765.20
Less 0.05% as per 10/10/21					8242.00
					Total Bill Rs = 16,42,941.20

[Signature]

08/10/2021

J-E

A-E

Continuation