

शुभच पत्रिका (अभिलेख)
शुक्राबाद रोड 70 कालुपर
Schedule XLV-Form No. 134

शुक्राबाद
DIVISION

SUB-DIVISION

MEASUREMENT BOOK

Sch. XLV - Form No. 134

E. E. R. W. D. w. Division Tehanabad

DIVISION

A. E. R. W. D. w. S. Div. Tehanabad.

SUB-DIVISION

Measurement Book

No.

Name of officer _____

Date of first entry _____

Date of last entry _____

Schedule PLV-Form No. 134

NOTES

REFERENCE TO P.W.A. CODE, CHPLVII

Para 39 & 81

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 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, 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
 - (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 then be

When taking measurements 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 recorded continuously in the measurement book No blank pages may be left and no page be turned out. Any page left inadvertently 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, if a mistake is made it should be corrected (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.

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 8 C: D works for Bahubad High school to Khatpur in Block - Tetandbad under P.M. 18/12/21.					
Name of agency: → Kaula Khat Vill → Bimupura, Khatla.					
Agreement No: → 27 SRD/2021-22.					
Date of start of work: → 01/12/2021.					
Date of completion of work: → 03/12/2021.					
Actual date of start: → 04/12/2021.					
Actual date of completion: → work is in progress.					
Date of entry: → 04/12/2021.					
Item No (1/3)	Cleaning and grading Road				
Local	C By manual means				
—	do	—	do	—	—
	48 x 30.00 x 6.00				8640 m ²
					= 0.864 Ha
Item No (2/3)	Provision & fixing logs of maintenance forest, bamboo and young forestry sign board				
—	do	—	do	—	—

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Main Board 1x1	—	—	—	—	1 nos.
Citizen Information 1x1	—	—	—	—	1 nos
			plate		2 nos.
I don't do work in excavation					
(3/5) for structure as per drawing					
— do — do —					
HP Cement = 1000 mm g d					
CK → 600 g	CK	800 mm	(2 nos)		
Head wall					
					$2 \times 2 \times 6.450 \times 1.400 \times 1.50 = 54.18 m^3$

and Head wall CK-650, 600 mm g					
					$2 \times 8.900 \times 1.150 \times 1.500 = 13.95 m^3$
Total =					$67.63 m^3$
I don't do work M-15 (P.C.C - 1:2:5) (4/50) as levelling course in foundation					
P.C.C M-15	—	do	—	do	—
Head wall P.C.C (1000 mm g)					
					$2 \times 2 \times 6.450 \times 1.400 \times 0.150 = 5.42 m^3$
H wall, P.C.C (800 mm g)					
					$2 \times 8.900 \times 1.150 \times 0.150 = 1.34 m^3$
Total =					$67.66 m^3$
Q					
09/12/2020					

Continuation

J.C

9/12/20
hr

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of entry 1 → 02/10/2020.					
Item no Earthwork in excavation					
(1/29) for structure as per drawing					
and structural specification - do					
— do —					
Below pipe at CL - 603 A 850 mm					
$2 \times 1 \times 4.880 \times 1.530 \times 0.365 =$					5.42 m^3
CL - 650 mm, 600 mm ϕ ,					
$1 \times 5.350 \times 1.130 \times 0.365 =$					2.21 m^3
					Total = 7.63 m^3
Item no Prov ⁿ M-15 RCC (1:2:15:15)					
(2/30) a) levelling course in foundation					
— do — do —					
2 NOS, 1000 mm ϕ ,					
Below pipe,					
$1 \times 4.90 \times 1.530 \times 0.250$					1.87 m^3
$1 \times 4.90 \times 1.530 \times 0.250$					1.87 m^3
600mm ϕ , $1 \times 4.90 \times 1.30 \times 0.250$					1.38 m^3
					Total = 5.12 m^3
Item no Prov ⁿ laying R.C.C NP-3					
(3/31) for culverts - do - do					

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Drainage (M)	C/S (Feet)	Mean (C/S)	Perkins (M)		$Q.47(m^3)$
0	0.020	—			
50	0.080	0.05	50		$2.50 m^3$
100	0.348	0.314	50		$15.20 m^3$
150	0.924	0.74	50		$32.00 m^3$
200	0.800	0.86	50		$43.00 m^3$
250	1.052	0.93	50		$46.80 m^3$
300	1.006	1.003	50		$51.45 m^3$
350	0.956	0.981	50		$49.05 m^3$
400	0.989	0.973	50		$48.65 m^3$
450	0.952	0.931	50		$48.55 m^3$
500	1.012	0.982	50		$49.10 m^3$
550	0.949	0.981	50		$49.05 m^3$
600	0.947	0.948	50		$47.40 m^3$
650	0.934	0.971	50		$48.55 m^3$
700	0.871	0.933	50		$46.65 m^3$
750	0.886	0.829	50		$43.95 m^3$
800	0.911	0.899	50		$44.95 m^3$
850	0.918	0.915	50		$45.75 m^3$
900	0.920	0.919	50		$45.95 m^3$
950	0.900	0.910	50		$45.50 m^3$
1000	0.700	0.800	50		$40.00 m^3$
1050	0.644	0.623	50		$33.60 m^3$
1100	0.785	0.715	50		$35.75 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1130	0.461	0.423	50	—	31.15 m ³
1200	0.460	0.461	50	—	23.05 m ³
1250	0.335	0.408	50	—	20.40 m ³
1300	0.382	0.321	50	—	18.55 m ³
Total =					1086.83 m ³

Item No Construction of subgrade
(7/8) and random boulder with
5% local sand, mixed with minimum
CBR value of 5%.

at subgrade
sand, $43 \times 30.00 \times \frac{(6.00 + 0.50)}{2} \times 0.300$ 2418.75 m³

CA

07/12/2020

9/12/20
nc

0.6

Date of Entry: 26/12/2020.

Item No Random sub-base with
(1/19) coarse graded material
— do — do —

$43 \times 30.00 \times 4.05 \times 0.200$ 1044.90 m³.

CA

26/12/2020

0.6

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
Name of works → Construction of Road & C.D. works, for, Kharabad High School to Kalyanpur in Block - Jharabad under MMGS.					
Name of Agency → Kaushal Kishor					
Agreement no. → 27 SED/20-21					
D.O.S as per agg → 04/12/2020.					
D.O.C as per agg → 03/12/2021.					
Actual date of work → 04/12/2020.					
A.O.C → work is in progress.					
Date of abstract → 08/01/2021.					
Item No					
(1/3)	cleaning and grubbing Road land —				
	— do — do —				
V.T.M.B.	P.NO: — 31,				
	0.864 Hec.				
@ Rs 5161-75 / Hec —	Rs 442042.00				
Item No					
(2/6)	Construction of embankment with material obtained from borrow pit — do — do				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V.T.M.B.	P. NO. - 06,				
					1086.83 m ³ .
@ Rs 188.05/m ³					Rs 204378.20
Item No	Construction of sub-				
(3/8)	grade and center line				
or	do	do	do	do	
V.T.M.B.	P. NO. - 06,				
					2418.75 m ³ ,
@ Rs 235.98/m ³					Rs 570,777.00

Item No	Angular sub-base				
(4/9)	with coarse graded				
material - do - do -					
V.T.M.B.	P. NO. - 06,				
					1044.90 m ³
@ Rs 2013.44/m ³					21,03,848.00
					19,48,000.00

Item No	Plant & fixing logo				
(5/28)	of maintenance project				
information sign Board -					
etc - do - do -					
V.T.M.B.	P. NO. - 02,				
					02 NOS,

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ Rs 9176.36 / m ³ ————				Rs	18353000
Item No	Earthwork in excavation				
(6/29)	for structure as per				
drawing and technical specific					
— do — do ————					
V. T. M. B. P. No —			02		
			67.63 m ³		
P. No — 03,			7.63 m ³		
			Total = 75.26 m ³		
@ Rs 294.73 / m ³ ————				Rs	22181000

Item No	prov ^d M-15, P.C.C				
(7/30)	(1.2.5.5) as levelling				
Coark — do — do ————					
V. T. M. B. P. No —			03,		
			5.12 m ³		
@ Rs 4382.76 / m ³ ————				Rs	22446000
Item No	prov ^d & laying R.C.C				
(8/31)	N/D-3 pipe for culverts				
— do — do ————					
V. T. M. B. P. No —			04,		
			15.00 m		
@ Rs 3339.60 / m ————				Rs	50094000

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item no	Box in masonry				
(9/32)	Cement 1:2:4 in				
Hand wall complete - do					
do					
V.T.M.B.	P.No - 04,				
	74.99 m ³ .				
@ Rs 5714.81/m ³	—				Rs 428554.20
Item no	Paved layer R.C.C				
(10/33)	NP-3 for Culverts on				
junction leading to P.C.C					
M-10	do - do -				
V.T.M.B.	P.No - 04,				
	7.50 m				
@ Rs 1147.04/m ²	—				Rs 8603.00
Total Rs = 34,73,427.20					
Add 1% labour cess and					
12% C.T. & S.T on C.T. cost	= (+) 451,545.00				
Total Rs = 39,24,972.20					
Less 16.53% as per agg (-) 6,48,798.00					
This Bill Rs = 32,76,174.20					
					

08/01/2021

Continuation

2.6

For
9/01/21
AC

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item no	Boric masonry				
(9/32)	Borate R.I.M (1:4) in				
Head wall complete - do					
do					
V.T.M.B	P.No - 041				
	74.99 m ³				
@ R.S 5714.81/m ³	—				R.S 428559=00
Item no	Paved layer R.C.C				
(10/33)	NP-3 for Culverts on				
junction leading of P.C.C					
M-10	do - do				
V.T.M.B	P.No - 041				
	7.50 m				
@ R.S 1147.04/m ²	—				R.S 8608=00
Total P.S = 34,73,427=00					
Add 1% labour cum and					
12% of 37 on C.C. (est)	= (+)				451,545=00
Total P.S = 39,29,972=00					
Less 16.53% as per agg (-)					6,48,798=00
The Bill P.S = 32,76,174=00					
08/10/2021					

Continuation

206

For
9/10/21
H.C.