

Schedule XLV-Form No. 134

NEVARI TO KARPURTA.

Executive Engr's mechanical work DIVISION
Jenamabadi

A.E. R.W.D. works SUB-DIVISION
Jenamabadi

MEASUREMENT BOOK

No- 2687

Executive Engineer R.W.D. DIVISION —
A.E. R.W.D. Work Jehanabad
SUB-DIVISION —
Jehanabad

Measurement Book

No.

2687

Name of Officer _____

Date of first entry _____

Date of last entry _____

प्रमाणित किया जाना है कि इस मापी पुस्तिका
 में मशीन अंकित कुल - 100 (एक सौ) पृष्ठ हैं,
 जिन्हें विनोद कुमार, सहायक अभियंता - राजधानी,
 Schedule PLV-Form No. 134
 की निम्नलिखित बातों पर

NOTES
 REFERENCE TO P. W. A. CODE, CHPI. VII
 Para 30 & 31

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 subordinate in charge of works to whom measurement books have been supplied by the Executive Engineer for the purpose.
- (b) All measurements should be borne taken down in a measurement book Form 23, issued for the purpose, in which case
- (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 / 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 advoltenly must be cancelled by diagonal nes. The cancellation being attested. See also paragraph or the Public Worl Department Code.
- (f) No entry may be erased, of a mistake is made it shold be correct (and dated) by the responsible officer in the manner prescribed in paragraph 335 of the Public Works Department Code. When any meas .ements are cancelled, the cancellation, must be supported by the dated initials of the officer ordering the cancellation or by refrence 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 up to date.

1st on A/C

1

Name to 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 measurements relating to each work.)

No. and date of agreement (These four lines should be repeated at the the measurements relating to each work.)					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Name of work: → Repair of					
Road from Nivasi To Karaula					
under MR- N- 2019-20, Jalandhar.					
Agreement No: → 1843DPN20-21 dt 29/8/20					
PKG NO: → MR- N- 2019-20.					
Actual name of contractor: → Anand.					
Part- construction, Santikpur,					
Kothaul, Panchbigha, Patna.					
Actual date of start work: → 29/08/2020					
Actual date of completion as per: →					

Actual date of start: → 29/08/2020.
 Actual date of completion: → work is in progress.
 Date of Entry: → 06/10/2020.

Item no	cleaning and grubbing
(1/1)	Road Land - ch - ch
$2 \times 41 \times 30.00 \times 1.00$	2460m ²
$2 \times 1 \times 20.00 \times 1.00$	40m ²
Total = 2500m ²	
= 0.25 Hec.	

Item no providing and trim of
 (12/21) typical masonry latrine

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of abstract: 15/05/21					
Abstract of cost					
— x — x —					
Item no clearing and grub					
(1/1) bbing Road land					
— do — do —					
V. T. M. B. P. NO - 01,					
— 250 Hec					
@ Rs 51161.75/Hec Rs - 12790.00					
Item no Gravelled road					
(2/3) - box by wall					
Gravelled material ch					
— do —					

V. T. M. B. P. NO - 04,					
44.41 m ³					
PN 06, 57.14 m ³					
Total = 101.55 m ³					
Limit = 100.67					
@ Rs 1608.23/m ³ — Rs - 161901					
Rs - 163316.20					
Item no WBM Graveling					
(3/4) 2 - do - do —					
V. T. M. B. P. NO - 11					
107.48 m ³					
Limit 106.30					
@ Rs 2646.33/m ³ — Rs - 284325.20					
Rs - 282305					

Continuation

455996

Particulars	Details of actual measurement			Contents of Bill
	No	L	B	
Item no WBM, grading				
(4/5)	3.	do	do	
V.T.M.B. P. NO. - 12,				
		264.90m ³		
@ Rs 2539.34/m ³				Rs 6,72,601.00
Item no providing and				
(5/6)		applying prime		
coat - do - do				
V.T.M.B. P. NO. - 13,				
		3532.00m ²		
@ Rs 44.69/m ²				Rs 1,57,845.00

Item no providing and				
(6/7)		applying tack coat		
- do - do				
V.T.M.B. P. NO. - 13,				
		3532.00m ²		
@ Rs 189.57/m ²				Rs 6,69,561.24
Item no providing and applying				53686.00
(7/8)		Tack coat - do		
- do - do				
V.T.M.B. P. NO. - 14,				
		4227.44m ²		
@ Rs 12.22/m ²				Rs 60,133.00
Item no patch work over				
(8/9)		WBM using M12 grad surface		

Continuation

1400331

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
— do — do —					
V. T. M. B. P. NO. 1 - 13.					
3532.00 m ²					
③ Rs 189.52/m ² —					Rs-6,6956.1
Item no providing and					
(9/10) laying S.P.B.C. concrete					
— do — do —					
V. T. M. B. P. NO. 1 - 14.					
118.49 m ³					
③ Rs 9968.20/m ³ —					Rs-11,29046.
Item no providing and laying					
(18/21) fixing M.M. (1/2) 8/22					
Board - do - do —					
V. T. M. B. P. NO. 1 - 02.					
2 NO.					
③ Rs 9122.03/NO. —					Rs-18,244.06
Item no providing and laying					
(19/22) of AC applied floor					
plastic compound - do —					
— do —					
V. T. M. B. P. NO. 1 - 14.					
250.40 m ²					
③ Rs 735.72/m ² —					Rs-1,83,947.28

Continuation

Total = 40,11,489.200.

3392129.

Material Stated			
(I) Granular - sub-base B.R			
① 26.5 mm to 9.5 mm	-	424.14	550.85
9.5 mm to 2.36 mm	-	32.22	411.53
below 2.36 mm	-	51.56	116.85
(II) Gr-II B.R			
63 mm to 45 mm		138.40 m ³	427.69
Stone Screening		29.00 m ³	395.52
Binding Material		8.53 m ³	131.28.

2nd & Final Bill

21

Sch. XLV—Form No. 134

Sch. XLV—Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Name of work → Repair of Road from Naxand to Kaxanda, under MR-N-19-20, Telamabad.					
Agreement No. → 18 MBP 2020-21, dt 29/08/2020.					
PKGT No. → MR-N-2019-20.					
Name of contractor → Anand Pat. Construction, Gantikun, Kuxkaal, Porasigka, Patra.					
Actual date of start of work agg → 29/08/2020.					
Actual date of completion of work agg → 28/05/2021.					
Actual date of start: → 29/08/2020.					
Date of Entry: → 29/08/2020.					
Item No Construction of subgrade (1/2) & earthen shoulder—do					
do					
Both sides of Road					
do					
2x 4x 30.00 x 1.00 x 0.30					738.00 m ³
2x 7x 20.00 x 1.00 x 0.30					12.00 m ³
Total qty =					750.00 m ³
(2/12) Reinforced concrete concrete M-15 grade.					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of coll					
— do — do —					
Date of abstract :- 28/05/21					
(1/1) clearing and grubbing					
Road land - do - do -					
V.T.M.B. P. No. - 01,					
0.250 Hec					
@ Rs 51161.75/Hec — Rs - 12790.24					
(2/3) - Granular sub-base					
by well graded material					
— do — do —					
V.T.M.B. P. No. - 01 & 06.					
100.67 m ³					
@ Rs 1608.23/m ³ — Rs - 161901.200					
(3/4) - WBM grading - 2					
— do — do —					
V.T.M.B. P. No. - 11,					
106.38 m ³					
@ Rs 2646.33/m ³ — Rs - 281305.24					
(4/2) construction of sub-grade and earthen shoulder					
— do — do —					
V.T.M.B. P. No. - 21,					

Continuation

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
V. T. M. R. P. NO. 14,				
4920.44m ² .				
@ Rs 12.92/m ² — Rs - 60,133.28				
(9/9) Paved along road 0.81m				
using mix - seal surface.				
for luminous, good quality				
C.G. pavement - db - db -				
V. T. M. R. P. NO. 1 - 13,				
3532.00m ² .				
@ Rs 189.52/m ² — Rs - 669561.20				

(10/10) - beam - dense - bitu-				
minous concrete - db -				
— db -				
V. T. M. R. P. NO. 14,				
118.19m ³ .				
@ Rs 9468.20/m ³ — Rs - 11,19,046.00				
(11/11) - ordinary kilopeter				
stone - db - db -				
V. T. M. R. P. NO. 22,				
8206,				
@ Rs 1920.12 / NO. — Rs - 5940.00				
(12/12) - 200 m stone				
precast - db - db -				

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V. T. M. B. P. No. 1-22					
05 Nos.					
@ Rs 562.14/Nos —					Rs-2811=00
(13/15)- Retro-reflective					
traffic sign, 600 mm					
equilateral triangles					
— db — db —					
V. T. M. B. P. No. 1-22,					
08 Nos.					
@ Rs 3294.43/Nos —					Rs-26195200

(14/16)- 600 mm size					
circular sign Board					
— db — db —					
V. T. M. B. P. No. 1-22.					
02 Nos.					
@ Rs 4399.18/Nos —					Rs-8798200
(15/17)- 600 mm x 450 mm					
rectangular size sign					
Board — db — db —					
V. T. M. B. P. No. 1-22,					
4 Nos.					
@ Rs 4284.05/Nos —					Rs-17,136200

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
(16/18)- painting 7m					
coats with mesh					
concrete surface - db					
db					
V.T.M.B. P. No. 24					
88.16m ²					
@ Rs 97.18/m ² — Rs- 8567=00					
(17/20)- planting of tree					
and their maintenance for					
1 year - db - db					
V.T.M.B. P. No. 24,					
62 NOS					
@ Rs 818.84 / NOS — Rs- 51587=00					
(18/21) M.M.G.S.Y sign Board					
db — db					
3 NOS					
@ Rs 9122.03 / NOS — Rs- 27366=00					
(19/22)- floor & laying of					
Hot applied Hexmaplastic					
Compound, 2.5 mm thick					
db — db					
V.T.M.B. P. No. 14					
250.00m ²					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ Rs 935.73/m ² —				Rs-	1,83,377=00
(20/23)- Guard stone/boundary					
stone, stone pillars					
— do — do —					
V. T.M.B. P. No:- 23,					
15 Nos.					
@ Rs 476.99/Nos —				Rs-	7155=00
(21/24) Brick masonry					
C.M (1:3) in parapet					
— do — do —					
V. T.M.B. P. No - 23,					
2.23 m ³					
@ Rs 6206.40/m ³ —				Rs-	16943=00
(22/25)- plastering with					
C.M (1:4) — do —					
— do —					
V. T.M.B. P. No:- 23,					
35.36 m ² .					
@ Rs 153.12/m ² —				Rs-	5414=00
Total Rs=					26,71,967=00

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B/F	—	36,71	967 = 00.
(23/26) =	Add	12 v. G. S. 7	11	4,40	636 = 00
(24/27) =	Add	14. Labour	11	36,720	700
					62,162 = 00
(25/28) =	Sergiorox	Fee	—	19,929	00
					Total Rs = 41,69,252 = 00
					Less 7.86 v. G. for egg (-) 3,27,703 = 00
					The Bill Rs = 38,41,549 = 00
					Previous payment (-) 35,30,782 = 00
					The bill Rs = 3,10,767 = 00.

B

28/05/21

2 v. G.

A E

Continuation