

20

Impd pps to Balwan Prasad under
MMS

Kundan Kir

Schedule XLV-Form No. 134

EE. Roy, (G) Tehnabod DIVISION

A.F. Roy (G) Hulsahgr SUB-DIVISION

MEASUREMENT BOOK

26 26

S.D.O. - Haradichoudh

EE. Roy (w) Tehnabad

DIVISION

A.E. Roy (w) Haleshgarh

SUB-DIVISION

Measurement Book

No.

2626

Name of officer _____

Date of first entry _____

Date of last entry _____

K. M. D. (M) Division
Executive Engineer

प्रमाणित किया जाता है इस माफी
पुस्तक में प्रयोग किया हुआ 100 (नॉ)
प्रकट है। इसकी नकल सुमाट चोंकरी
का निवाह किया जाता है।
Schedule PLV-Form No. 134

NOTES

REFERENCE TO P.W.A. CODE CHAPTER

Paras 39 & 81

Executive Engineer
R.W. D. (W) Division
Jahangir

1. In recording detailed measurements, the following general instruction should be carefully observed :-
 - (a) Subject to such subsidiary orders as may be laid down by the local Government detailed measurement should be recorded only by Executive of Assistant Engineer or by Executive subordinate in-charges or work to whom measurement books have been supplied to the Executive Engineer for the purpose.
 - (b) All measurements should be near taken down in a measurement book Form 23, issued for the purpose in where else.
 - (c) Each self of measurement should commend 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 contract.
 - (c) Number and date of his agreement, and
 - (d) Date of measurement.
 - (ii) "Stock" (ii) "Purchase for direct issue to (here entry full name of work as given to estimate)
 - (iii) "Purchases" or (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 measurements for work done the total quantities of each district item of work relating to each sanctioned Sub-head.

- (d) As all payment for work suppliers are based on the quantities recorded in the measurement book it is incumbent upon the person taking the measurements to record the quantities clearly & accurately. If 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 measurement 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 adveltenly 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 Work 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 he reason for cancellation should be provided with an index which should be kept up to date

Sch. XLV-Form No. 134

2nd on a/c.
2nd & Final Bill

12

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work → construction of Road from Imam pur Path Se Balwa pur under M.M.O.S.Y.					
Name of contractor → Sri Kundan Kumar, Vill + P.O. - Damsingra					
P.S → Mahkar, Dist → Ara					
Agreement NO. → 06/SBD/2019-20					
Date of start → 13/12/2019 as per agreement					
Date of completion → 12/09/2020 as per agreement					

Date of Actual start → 13/12/2019.
Date of Actual completion →
Date of Entry → 21/07/2020.
Item No (1/1) prov'n & fixing working.
Bench mark pillars - do - do -
as per direction of E.I. -
at the 1st 1st 1st
Start

Item No (2/2) prov'n & fixing working.
Bench mark pillars, old ones
per km is 04 nos of reference
pillars - do - as per E.I. -

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
at the ch- 200 Mt	1 x 1				1 nos
at the ch 400 Mt	1 x 1				1 nos
				Total =	2 nos.
Item no	clearing and grubbing				
(3/3)	Road land and including				
uprooting - do - do - do					
Cutting - 500 to 523.75 Mt					
	1 x 23.75	x 6.00	-		142.5 m ²
Link Road	1 x 5.00	x 6.00	-		30 m ²
				Total =	172.5 m ²
				=	0.017 Hec.
Item no	Excavation for roadways				
(4/4)	in soil using manual means				
	do			do	
both sides	2 x 23.75	x 0.00	x 2.97 m ³		
box cutting			0.625		
Link Road	2 x 5.00	x 0.625	x 0.100	0.63 m ³	
				Total =	3.60 m ³
Item no	Construction of embankment				
(5/6)	with material obtained from				
borrow pit - do - do - do					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Drainage	Area (sq ft)	Area (sq ft)	Dist (ft)	—	
500	1.744				
523.	4.024	2.884	23.75	—	68.50m ³
L. Road 0-5m	5.00	6.00	1.2	—	36.00m ³
				Total =	104.5m ³
Item No (6/5)	Construction of embankment with approved material deposited from road way cutting — do — do — do — do				

Box of item NO (7)
 $0.60 \times 3.60 \times 2 = 2.16m^3$

Item No (7/8) Co. Granular sub-base
 with well graded material
 — do — do — do — do

both side $2 \times 23.75 \times 0.625 \times 0.100 = 2.97m^3$
 of B.E.S $2 \times 5.00 \times 0.625 \times 0.100 = 0.62m^3$

Total = 3.59m³

21/07/2020

21-7-2020

2.6

A-6

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of entry: → 29/07/2020.					
Item no	Cement concrete Pavement				
(1/10)	M-30 grade, designed				
	mix, as per direction of E.C				
	do ————— do —————				
C-0 to	1x30.00	x 3.75	x 0.160		18.00 m ³
523.75M	1x30.00	x 3.75	x 0.160		18.00 m ³
	1x30.00	x 3.75	x 0.160		18.00 m ³
	1x30.00	x 3.75	x 0.160		18.00 m ³
	10x30.00	x 3.75	x 0.160		180.00 m ³
	2x30.00	x 3.75	x 0.160		36.00 m ³
	1x20.00	x 3.75	x 0.160		12.00 m ³
	1x23.75	x 3.75	x 0.160		14.25 m ³
Link Road-	1x5.00	x 3.05	x 0.160		2.44 m ³
	Total =				316.69 m ³
Item no	Construction of subgrade				
(2/7)	and earth shoulder —				
	do ————— do —————				
both side	2.00	x 16.00	x 30.00	x 0.625	
of Road along			x 0.300		180.00 m ³
	2x1x30.00	x 0.625			11.25 m ³
			x 0.300		
	Total =				191.25 m ³

Continuation

[illegible]

Continuation

Continuation

Sch. XLV-Form No. 134

Sch. XLV-Form No. 101					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Item no	Direction and place				
(14/21)	Indication sign with				
	size up to 0.5 km size board				
	do		do		
	2 x 1		=		2 Nos.
Item no	Provision of 15 Nos				
(15/20)	Turnable strips with				
	Road marking paint - do - do				
Provision	2 x	6.00	1.875		22-50000
Crossing					
Item no	Provision of fixing of retro				
(6/16)	reflectors - cautionary				
	mandatory, and informatory sign				
as per IRC - 67			do	do	
	2 x 1		=		2 Nos.
Item no	Provision of fixing retro -				
(2/15)	reflectors - cautionary -				
	mandatory sign board - do -				
	4 x 1				4 Nos.
Item no	Provision of fixing reflectors				
(8/14)	cautionary, mandatory sign board -				

Continuation

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	do	do			
	2 Nos				2 Nos
Item no	Laying bricks taking on				
(9/11)	masonry sub base -				
	do	do			
60th wall	2 x	16 x 30	0.25 x 0.25		240 m ²
at p.c.c.			0.250		
	2 x	1 x 20.00	0.250		10 m ²
				Total	250 m ²
Gravel, 1/2 x 1/2	23.75	0.250			11.87 m ²
ent				Total	261.87 m ²

Item no	Reinforcement cement-concrete				
(10/12)	M-15 grade - Kilometers - store				
local store	do	do			
2-0 Mt	1 x 1				1 No.
cast and	1 x 1				1 No.
				Total	2 Nos.

Item no	200 mt stone				
(11/13)	(Precast) - do -				
200 Mt	2 x 1				2 Nos.
400 Mt					
CR				10.9.2020	
10/09/2020					
7-6					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
NAME of work: → Construction of Road from Roadbus path to Bahadur Nagar M.M.C. St.					
NAME of contractor: → Sri Kundan Kumar VILL + P.O. → Dhaneraga.					
P.S. → Mahkar, Dist → GATE					
Agreement NO: → 06/SB.D/2019-20.					
Date of Report as per agg → 13/12/2019.					
D.O.C as per agg → 12/09/2020.					
Date of Actual Start: → 13/12/2019.					
Date of Actual completion → 10/09/2020.					
Date of abstract: → 10/09/2020.					
Item No Prov ⁿ & fixing of (1/1) working benchmark -					
- do - do -					
V.T.M.B. P. NO: → 12.					
1 Nos @ Rs 3641.29 / Nos - Rs 3641.29					
Item No Prov ⁿ & fixing work (2/2) Bench Mark - Below - do -					
- do - do -					
V.T.M.B. P. NO: → 13.					

Continuation

3641 -

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			2 Nos,		
@ Rs 1659.25 / Nos					Rs 3318.50
Item no					
(3/3) Clearing and grubbing					
Road land - do					
do					
V.T.M.B. P. No.:- 01					
			0.30 Hec		
P.No - 13, -			0.017 Hec		
			0.17 Hec		
Total:			0.42 Hec		
			0.312 Hec		

@ Rs 49524.68 / Hec — Rs 15699.50

Item no
(4/4) Excavation for
roadway in soil cutting
annual means - do - do

V.T.M.B. P. No.:- 13,

3.60 m³
P.No.:- 04, 62.50 m³

Total = 66.10 m³

@ Rs 74.10 / m³ — Rs 4898.20

Continuation

27556 -

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item no	Construction of embankment				
(5/5)	with approved material —				
	— deposited — do — do —				
V.T.M.B.	P. No 1-07,				
			32.50 m ²		
	P. No - 14,		2.16 m ²		
	Total = 39.66 m ²				
	@ Rs 55.52/m ² —				Rs. 2202.00

Item no	Construction of				
(1/c)	embankment with				
	approved material — do —				
	— do —				
V.T.M.B.	P. No:- 04,				
			965.45 m ²		
	P. No:- 14,		104.50 m ²		
	Total = 1069.95 m ²				
	@ Rs 175.11/m ² —				Rs 187352.00

Item no	Construction of subgrade				
(7/7)	section shoulder with				
	approved material — do — do —				

Continuation

217117=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V.T.M.B. P.NO:- 15,			15,		
			191.25 m ³		
@ RA 223.01 / m ³				RA	42651 = ci
Item no					
(8/8) Construction of					
granular sub-base					
by providing, well graded					
material - do - do -					
V.T.M.B. P.NO:- 05,					
			76.75 m ³		
P.NO:- 14,			3.59 m ³		
Total = 80.34 m ³					

@ RA 1388.90 / m³ — RA-14372025

Item no C.U.B.M. Grading-3,
(9/9) provn, levelling, broadly and
Compacting stone aggregate -
— do — do —

V.T.M.B. P.NO - 06,
56.81 m³.

@ RA 2324.37 / m³ — RA 1348882

Item no Cement concrete
(10/10) pavement, M-30 grade
— do — do —

Continuation

538376

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V.T.M.B. P. NO. - 15,					
					316.69 m ²
@ R 5290.38 / m ²					R 1675410.00
Item no (11/11)					
Laying Bricks - solid					
layer on prepared sub-base					
with bricks on end - offset					
do do					
V.T.M.B. P. NO. - 19,					
					261.87 m ²
@ R 452.32 / m ²					R 118452.00
Item no (12/12)					
R.C.C M-15 grade					
Kilometer store /					
local standard as per standard					
design as per IRC - 8					
do do					
V.T.M.B. P. NO. - 19,					
					02 nos
@ R 1970.03 / nos					R 3940.00
Item no (13/13)					
Reinforced concrete					
concrete M-15 grade kilo-					
meter - store / local store -					
as per IRC - 8 do					

Continuation

2336178

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20030 1st time					
V.T.M.B. P. No. - 19,					
			2 Nos.		
@ RA 572.24 / No					Rs 1144.20
Item no providing and fixing					
(14/14) of retro-reflectors					
cautionary, mandatory, and					
informatory sign - do -					
do -					
V.T.M.B. P. No. - 19,					

			2 Nos.		
@ RA 3550.59 / No					Rs 710.20
Item no providing and fixing					
(15/15) of retro-reflectors					
cautionary, mandatory, and infor					
matory sign of for IRC -					
do - do -					
V.T.M.B. P. No. - 18,					
			4 Nos.		
@ RA 3650.92 / No					Rs 1460.20
Item no providing and fixing					
(16/16) of retro-reflectors					
cautionary, mandatory, and infor					

Continuation

2353027-

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Mandatory and Informatory sign - do - do -					
V.T.M.B. P.No.:- 18					
			2 Nos.		
@ RA 5262.12 / No. -					RL 1052420
Item No Road marking work					
(19/19) Hot-Mastic asphalt pavement					
with mechanized roller roads					
on concrete surface -					
- do - do -					
V.T.M.B. P.No.:- 16					
			104.75 m ²		
@ RA 265.53 / m ² -					Rs 80294.00
Item No providing and					
(18/18) laying of a reinforced					
concrete - concrete type door -					
300 mm - do - do -					
V.T.M.B. P.No.:- 16					
			15 m ²		
@ RA 916.52 / m ² -					RL 13748.00
Item No provision of S.N.O.					
(19/19) rubble stone masonry					

Continuation

2463593=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
with premix bituminous					
Chapel — do — do —					
← N.E. —————→					
Item no	provision of 12 Nos				
(20/20) square stone slabs covered					
with premix-bituminous —					
— do — do —					
V. T. M. B. P. No. :- 18,					
22.500m ²					
@ Rs 735.75 /m ² —					Rs 16554.25 ✓
Item no	Direction and				
(21/21) place - indendification					
with size 19 to 0.9 sq m size					
board — do — do —					
V. T. M. B. P. No. :- 18,					
2 Nos,					
@ Rs 3068.19 / Nos —					Rs 6136.38 ✓
Item no	providing and fixing				
(22/22) of hybrid MMSY					
intermediate sign Board —					
— do — do —					
V. T. M. B. P. No. :- 17,					

Continuation

2486283=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			1 NO.		
P. NO. - 02			2 NO.		
			1 NO. 3 NO.		
C. R. 9029.52/NO. -			R. 2,72,39.20		
Item NO	Earth work in sec ⁿ				
(23/23)	for foundation of				
Structure upto 3.0m depth					
— do — do —					
V. T. M. B. A. NO. 09,					
	46.98 m ³ .				

C. R. 285.17/m² — R. 13397.00

Item NO	Prov ⁿ M-15				
(24/24)	(P.C.C 1:2:5:5) @				
levelling course in yard					
— do — do —					
V. T. M. B. A. NO. 09,					
	8.544742 m ³				

C. R. 5697.82/m² — R. 236288.20
4410.57 37666.00

Item NO	Brick - masonry				
(25/25)	work. C.M (1:4)				
on road wall complete					
— do — do —					

Continuation

2564585

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V. T.M.B. P. No. - 18,					
		41.47 m ³			
@ R 15692.82/m ³ —					R 236,288.5
Item No					
(12/26)		drawn 1 layer R.C.C			
		NP 3 pipe - do - do -			
V. T.M.B. P. No. - 03,					
		22.500 m			
@ R 1218.59/m —					R = 27418.50
Item No					
(27/22)		plastering with G.M			
		(1.4) 15 mm thick			
		do — do —			
V. T.M.B. P. No. - 17,					
		107.22 m ²			
@ R 151.53/m ² —					R 16247.50
Item No					
(28/28)		drawing 1.5 mm cement			
		primery including curing			
		do — do —			
V. T.M.B. P. No. - 17,					
		27.36 m ²			
@ R 45.97/m ² —					R 1258.50

Continuation

28457.50

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Total = Rs - 28,45,796
					= 00
Kn No					Add 1% balance = 28458 =
(29/29)					
no					Add 12% GST = 3,41,495 =
(3)					
					Total = Rs - 32,15,741
Y 10 + ru per egg:					(-) 321,575 =
P ₂					
Final 22-12-2020					This Bill A= 28,94,174 = 00
					Limit of Per allow T15170 =

OK
10/09/2020

3/10.09.2020

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Hutagaon

Continuation