

1951

Bihar P.W.D.

Schedule XLV From No. 134.

BIHAR P.W.D.

HARNAUT DIVISION

HARNAUT SUB-DIVISION

App No - 10/MBD

**MEASUREMENT BOOK**

My Survey Cont.

1110

मालिनी गांव के विद्युत भूमि  
प्रयोग में वाला है एवं 100  
(एक ही) घण्टे के लिए विद्युत  
मालिनी गांव के नाम से जाता है।

लाल बहादुर

कार्यपालक आभेयन्ता  
ग्रामीण कार्य विभाग

कार्य प्रमंडल, हरनौत

25/1/24

Sch. XLV-Form No. 134

HARNAUT DIVISON

HARNAUT SUB-DIVISON

## Measurement Book

No. 110

Name of officer \_\_\_\_\_

Date of first entry \_\_\_\_\_



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) clearing and grubbing					
area land & trees broken					
etc. all broken to 1 m					
$2 \times 11 \times 2.5 \times 1.0 = 5.5 \text{ m}^2$					
$2 \times 10 \times 2.5 \times 1.0 = 5 \text{ m}^2$					
$2 \times 10 \times 2.5 \times 1.0 = 5 \text{ m}^2$					
$2 \times 10 \times 2.5 \times 1.0 = 5 \text{ m}^2$					
$2 \times 10 \times 2.5 \times 1.0 = 5 \text{ m}^2$					
$2 \times 9 \times 2.5 \times 1.0 = 4.5 \text{ m}^2$					
$2 \times 1 \times 1.5 \times 1.0 = 3 \text{ m}^2$					
					$0.5 \times 2.92 \text{ m}^2$
					$0.5 \times 0.298 \text{ acre}$

(2) clearing the canopy					
bifurcations 6000 ft					
surface etc. 000					
complete 000					
$1 \times 2.5 \times 2.50 = 250 \text{ m}^2$					
$3 \times 2.5 \times 2.00 = 12.5 \text{ m}^2$					
$3 \times 1.5 \times 2.75 = 20.625 \text{ m}^2$					
					$0.5 \times 576.25 \text{ m}^2$
					$0.5 \times 558.75 \text{ m}^2$

(3) continuation of subgrade and formation shoulders with altered material etc. 000 complete					
000					

Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2X	2x2.25x1.125x0.20	22.5m <sup>2</sup>			
2X	2x1.5x1.125x0.20	13.5m <sup>2</sup>			
2X	4x1.25x1.125x0.20	4.5m <sup>2</sup>			
2X	3x2x1.125x0.20	3.375m <sup>2</sup>			
2X	6x2.25x1.125x0.20	67.5m <sup>2</sup>			
2X	8x2.25x1.125x0.20	90.0m <sup>2</sup>			
2X	3x2.25x1.125x0.20	33.75m <sup>2</sup>			
2X	2x2x1.125x0.20	45.0m <sup>2</sup>			
2X	6x2.25x1.125x0.20	67.5m <sup>2</sup>			
2X	4x2.25x1.125x0.20	45.0m <sup>2</sup>			
2X	6x2.25x1.125x0.20	67.5m <sup>2</sup>			
2X	3x2.25x1.125x0.20	33.75m <sup>2</sup>			
2X	2x2.25x1.125x0.20	22.5m <sup>2</sup>			
		144.0m <sup>2</sup>	587.5m <sup>2</sup>		

		144.0m <sup>2</sup>	587.5m <sup>2</sup>
④	Construction of 39.8m <sup>3</sup> by P.W Course graded material etc all complete.		
1X	12.60x1.00x1.00=1.38m <sup>3</sup>		
2X	15.20x1.25x0.25=5.62m <sup>3</sup>		
3X	12.62x1.20x0.102=4.50m <sup>3</sup>		
2X	13.80x1.30x0.10=3.50m <sup>3</sup>		
4X	15.50x1.25x0.15=11.62m <sup>3</sup>		
5X	10.50x1.30x0.15=1.62m <sup>3</sup>		
1X	14.70x1.50x0.15=1.32m <sup>3</sup>		
2X	15.00x1.10x0.10=6.00m <sup>3</sup>		
		144.0m <sup>2</sup>	587.5m <sup>2</sup>
			144.0m <sup>2</sup>

Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ PIV laying and Completion of work etc. all completely					
	$3 \times 12.50 \times 1.10 \times 0.025 = 3.81 m^3$				
	$4 \times 10.50 \times 1.20 \times 0.025 = 3.78 m^3$				
	$3 \times 1.70 \times 1.25 \times 0.025 = 3.29 m^3$				
	$5 \times 9.50 \times 1.30 \times 0.025 = 4.63 m^3$				
	$4 \times 12.70 \times 1.50 \times 0.025 = 5.71 m^3$				
	$5 \times 13.50 \times 1.40 \times 0.025 = 7.08 m^3$				
	$4 \times 12.50 \times 1.40 \times 0.025 = 5.62 m^3$				
	$5 \times 10.70 \times 1.70 \times 0.025 = 6.82 m^3$				
	$3 \times 11.80 \times 1.10 \times 0.025 = 3.84 m^3$				
		213	42.58 m <sup>3</sup>		
		Addt.	41.21 m <sup>3</sup>		

⑥ PIV laying and Completion of work etc. all completely	
Completion of work etc. all completely	
	$4 \times 7.40 \times 2.25 \times 0.025 = 5.20 m^3$
	$6 \times 8.28 \times 2.15 \times 0.025 = 8.01 m^3$
	$3 \times 4.95 \times 2.15 \times 0.025 = 2.28 m^3$
	$4 \times 4.10 \times 1.95 \times 0.025 = 2.40 m^3$
	$6 \times 7.50 \times 2.10 \times 0.025 = 7.09 m^3$
	$3 \times 3.95 \times 2.05 \times 0.025 = 1.82 m^3$
	$4 \times 7.85 \times 1.95 \times 0.025 = 4.59 m^3$
	$1 \times 6.05 \times 2.10 \times 0.025 = 3.81 m^3$
	$2 \times 7.10 \times 2.10 \times 0.025 = 2.13 m^3$
	$3 \times 4.25 \times 1.90 \times 0.025 = 1.82 m^3$
	$3 \times 5.25 \times 2.05 \times 0.025 = 2.42 m^3$
	$3 \times 16.30 \times 1.95 \times 0.025 = 4.52 m^3$
	$4 \times 5.95 \times 1.80 \times 0.025 = 3.30 m^3$

Continuation

49.19 m<sup>3</sup>

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<b>ABSTRACT OF COST</b>					
(1) Clearing and grubbing					
road land etc.					
all complete & rob.					
Qty - same as mole					
TMS PMS 14					
Qty - 0.298 Ha					
@ Rs 75,594.29/Ha 5,22,827/-					
(2) Scribing the existing					
borders etc all					
complete					
Qty - same as					
mole TMS PMS 14					
Qty - 558.200					

		@ Rs 2058/Ha 11,499/-
(3) Construction of sub-grade and earthen shoulders etc all		
complete		
Qty - mole TMS PMS 15		
Qty - 569.93 M <sup>3</sup>		
@ Rs 264.00/Ha 150 M <sup>3</sup>		
(4) Cost. of 01-SB by PIV graded material etc all		
complete		
Qty - road TMS		
PMS 15		
Qty - 52.86 M <sup>3</sup>		
@ Rs 2060.00/Ha 108 M <sup>3</sup>		

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Half
(5) PIV laying and Counting WDM					
etc. all complete					
etc. half					
etc. made Transports					
etc. 41.21 M <sup>2</sup>					
@ Rs. 4332.66 / M <sup>2</sup>					1,78,542/-
(6) PIV laying and Counting WDM					
etc. all half					
etc. complete					
etc. made Transports					
etc. 193.74 M <sup>2</sup>					
(7) PIV working Primir Count with Bitumen					
etc. all complete					
etc. made Transports					
etc. 16.16 M <sup>2</sup>					
@ Rs. 3060.86 / M <sup>2</sup>					
@ Rs. 47,183.25/-					
(8) PIV ad cutting taste east with Bitumen etc all					
complete					
etc. made Transports					
etc. 3060.86 M <sup>2</sup>					
@ Rs. 3060.86 / M <sup>2</sup>					
Continuation @ Rs. 15,17,724					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Psf Rs	15,17,724/-
(9) PIV and laying trolley count etc all completed dts made TMS PHM dts 5598.68sqft					
(@ Rs. 17.14/m <sup>2</sup> ) Rs. 95,961/-					
(10) PIV laying and rolling m-s-s etc all completed dts made TMS PHM dts 3860.86sqft (@ Rs. 27.139/m <sup>2</sup> ) Rs. 32,217/-					
(11) PIV and laying S.P.B.C etc all completed dts made TMS Pneu 17 dts 139.97m <sup>3</sup> (@ Rs 14.8558/m <sup>3</sup> ) Rs. 2072.05/-					
(12) PIV and laying of reinforced 3mm dia stone pipe etc. all Completed dts made TMS Pneu 17 dts 37.5M (@ Rs 64.80/m) Rs. 39,930/-					

Continuation C of 45,57,889

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.B		45,57,828:
(i) Reinforced Cement concrete boundary pillars etc. all complete					
		S.D.S.			
		Altz. Same fundo			
		Truss profile			
		Altz. 20x6.			
		@ Rs 776/ per ft <sup>2</sup>			1515202
(ii) Reinforced Cement concrete Boulders. Stone					

etc. all complete				
Altz. Indo. Truss 78				
(i) V.M.H.L. 2 ft x				
@ Rs 3054.58/ per ft <sup>2</sup>				6109=
(iii) New per ft <sup>2</sup> .				
Altz. Truss				
@ Rs 359.60/ per ft <sup>2</sup>				6018=
(iv) P.W. and fixings of truss. Stone				
board etc. all				
complete				
(v) Tragloft, 4x6				
@ Rs 4574.11/ per ft <sup>2</sup>				181298=
(vi) Circular Altz. 4x6				
@ Rs 5180.87/ per ft <sup>2</sup>				231925=
(vii) Green sand and h. 2x6				
Continuation @ Rs 46,27757				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs. 416,27,75/-
		8162.55	contents		16,325-
(iv) rectangular					
		lth: 21m.			
		@ Rs 836.90 per ft			11,674=
(v) octagonal		lth: 1m.			
		@ Rs 10,288.80 per ft			10,289-
(vi) PIV and eready					
and place fixing					
etc all complete					
		lth: 21m			
		wide 11.573m			
		lth: 2m			
		@ Rs 12,813.83 per m			25,628-

(vii) PIV and Loughy					
seed marking not					
applied phenolic					
etc. all complete					
lth: wide 11.573m					
lth: 2m					
@ Rs 12,813.83 per m					25,628=
(viii) PIV and Fixing					
Logo 10mm					
sign board etc.					
all complete					
lth: wide 11.573					
lth: 2m					
@ Rs 12,813.83 per m					
lth: 2m					
@ Rs 11,573.10 per m					23,146-
					C.Rs 49,27,070-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F.B
(19) P.W Masonry					
work for concrete					
Mortar etc-all					
completeness					
dry masonry					
P.W.Pg					
Qty 2.88m <sup>3</sup>					
@ Rs. 7616.56/m <sup>3</sup> Rs 21,936/-					
(20) P.W P.C.C M20					
etc all complete					
Qty					
dry masonry					
P.W.Pg					

	Qty 12 m <sup>3</sup>		
	@ Rs 564.88/m <sup>3</sup> Rs 6777/-		
(21) Plastering with			
Cement Mortar			
etc. all complete			
Qty			
dry masonry			
Qty 20.16m <sup>2</sup>			
@ Rs 239.71/m <sup>2</sup> Rs 4833/-			
(22) Painting two			
coats including			
Primer Coating etc.			
all complete			
Qty. m <sup>2</sup> 16m <sup>2</sup>			
Qty 20.16m <sup>2</sup>			
@ Rs 136.20/m <sup>2</sup> Rs 2744/-			

Continuation Rs 49,63,364

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Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
	B.P.B. 43,63,364=					
(2) Blanting of trees by the road side etc. all complete						
005						
005 Same as vole m.b p.m.d						
005 143 NO						
(a) 005,1286.76   005,184,292						
Total Rs 51,47,656=						
Add 18% 005,1286.76 3,265.78=						
Add 18% 12,99,640 2,299.35=						

Add Signorgets	66,000/-
Total Rs	61,91,710=
(+) below 20.99% p.m.	12,99,640
Total Rs.	48,92,070
(+) previous P.m.s	48,92,070
	N.I.L.
	289124
	A.F.C.M.Y.T.F

Continuation