

T02 to VIJAYPUR HARIZAN TOLI
Schedule XLV-Form No. 134

(MNGSY)

GERWD, W(DIV) JEHANABAD **DIVISION**

AE, RWD (W) SUB DIVISION, MAKHDUMPUR **SUB-DIVISION**

MEASUREMENT BOOK

NO-2703

Executive Engineer Road DIVISION -
Jehanabad
A.E. R.C.D. - Work SUB-DIVISION -
Machindram

Measurement Book

No. 2703

Name of Officer _____

Date of first entry _____

Date of last entry _____

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 T ₀₂ to vijaypur Hanuman Toli.					
Agency :- Sh. Rani Rangam Kumar					
AT :- Kaishangpur Dist. Tehsil Jharkhand.					
Agg. NO :- 225 BD / 2020-21					
Date of Commencement - 29/08/2020					
Date of Completion - 28/08/2021					
Date of measurement - 10/03/2021					
① Providing & fixing of working benchmark Pillars — do — do —					
Qty = 01 NO.					
Reference pillars					
Qty = 05 NOS.					
② Cleaning & grubbing of road land — do — do —					
1 x 1280 x 6.00 = 7680 m ²					
Qty = 0.768494					
③ Excavation of roadway 10 soil for carrying of cut earth — do — do —					
2 x 500 x 0.375 x 0.100 = 37.50 m ³					
Qty = 37.50 m ³					

Continuation

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work :- Construction of road from T02 to Vijaypur Hamirjam Tal. (Under mmgsy)					
Agency :- Sh. Ravi Ranjan Kumar					
At :- Krishnapuri Colony, Jehanabad					
Ago. NO :- 22500 / 2020-21					
Date of commencement :- 09/08/2020					
Date of completion :- 28/08/2021					
Date of measurement :- 10.3.21					
1/1) Providing & fixing of working bench marks pillars - do -					
- do - VTMB P-1					
01 NO. @ RS. 3589.92/each					
= RS. 3590.00					
1/2) Reference pillars					
- do - do - VTMB P-1					
05 NOS. @ RS. 1631.92/each					
= RS. 8160.00					
2/3) clearing & grubbing of road land - do - do -					
VTMB P-1					
0.768 Hect. @ RS. 51161.75/hect					
= RS. 39292.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3/7) Excavation for roadway in soil for carrying of cut earth - do - do - VTMB P-1					
37.50 m ³	@	Rs.	24.6/m ³		
			= Rs.	2781.00	
4/5) Construction of embankment with approved material deposited from roadway cutting - do - do - VTMB P-2					
22.50 m ³	@	Rs.	55.57/m ³		
			= Rs.	1250.00	
5/6) Construction of embankment with material obtained from borrow pits - do - do - VTMB P-3					
for 100 m lead					
570.88 m ³	@	Rs.	188.05/m ³		
			= Rs.	107354.00	
6/7) for 100 m lead VTMB P-3					
1902.92 m ³	@	Rs.			
1332.04 m ³	@	Rs.	190.62/m ³		
			= Rs.	227273.00	
7/8) Construction of sub-grade & earthen shoulder - do - do - VTMB P-3					
1794.38 m ³	@	Rs.	235.98/m ³		

Continuation

= Rs. 423438.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8/23) Providing & laying of Rcc pipe duct of 300mm					
— do — do —					VTMB P-4
30.00 m	@				RS. 916.42/m
					= RS. 27493.00
9/28) Providing & fixing of typical masonry interlocking Birn boards with 10% — do — do —					VTMB P-4
0.2 NOS.	@				RS. 9123.77/each
					= RS. 1824.80
10/29) F/W in excavation for foundation — do — do					
46.786 m ³					VTMB P-4
29.798 m ³					VTMB P-6
93.180 m ³					VTMB P-8
169.964 m ³	@				RS. 294.73/m ³
					= RS. 50092.00
11/31) Providing MIS Rcc (1:2.5:5) as levelling course in foundation — do — do —					
8.538 m ³					VTMB P-4
2.962 m ³					VTMB P-6
12.497 m ³					VTMB P-9
23.997 m ³	@				RS. 4174.04/m ³
					= RS. 100177.00
12/32) Brick masonry work in cement mortar (1:4) in foundation — do — do —					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
41.607 m³ RTMB P-5					
30.607 m³ RTMB P-9					
26.261 m³ RTMB P-9					
52.17 m ³ RTMB P-9					
					Rs. 5609.86/m ³
					= Rs. 292279.00
13/32) Brick masonry work in					
Cement mortar (1:4) in sub-structure					
work of kerb - do - do -					
RTMB P-9					
26.261 m ³ @					Rs. 5812.41/m ³
					= Rs. 152640.00

14/34) Providing RCC/RCC m20					
in sub structure - do - do					
RTMB P-10					
4.068 m ³ @					Rs. 4922.41/m ³
					= Rs. 20024.00
15/35) Providing bitumen painting					
over top surface of abutment cap & foot wall - do -					
RTMB P-10					
14.10 m ² @					Rs. 15.15/m ²
					= Rs. 214.00
16/36) Sand filling to foundation					
tranches - do - do - RTMB P-8					
1.254 m ³ @					Rs. 478.09/m ³
					= Rs. 600.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17/36) Providing & laying Rec in Super-structure / Deck Slab					
M25) — do — do —					VTMB P-10
4.608 m ³	@				Rs. 5979.35/m ³
					= Rs. 27553.10
18/38) Providing & filling Joint Sealing Compound — do — do —					
					VTMB P-10
15.10 m	@				Rs. 40.42/m
					= Rs. 607.10
19/39) Brick masonry work in Cement mortar (1:3) in parapet					
— do — do —					VTMB P-10
8.84 m ³	@				Rs. 5462.16/m ³
					= Rs. 20975.10
20/41) Brick masonry work in Cement mortar (1:4) in head wall — do — do —					
41.607 m ³					VTMB P-5
30.607 m ³					VTMB P-7
72.214 m ³	@				Rs. 5655.13/m ³
					= Rs. 408380.10
21/42) Providing & laying Rec Pipe NPS of 60 mm					
— do — do —					VTMB P-5
22.50 m	@				Rs. 1215.85/m
					= Rs. 27357.10

Continuation

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
22/43) Providing & laying RCC pipe NPS of 1000 mm ϕ				
— do — do — VTMB P-7				
9.50m @ Rs. 3644.79/m				
				= Rs. 27336.10
23/44) Plastering with cement mortar (1:4) on brick work				
— do — do — VTMB				
115.431 m ² VTMB P-5				
66.857 m ² VTMB P-7				
182.282 m ² @ Rs. 145.94/m ²				
				= Rs. 26602.10
24/45) Providing 1.5mm cement punning including curing etc				
— do — do —				
27.36 m ² VTMB P-6				
14.22 m ² VTMB P-8				
41.58 m ² @ Rs. 45.46/m ²				
				= Rs. 1890.10
25/47) Supplying, fitting & placing HYSD bar reinforcement				
— do — do — VTMB P-12				
0.59 MT @ Rs. 57392.06/MT				
				= Rs. 33821.10
26/9) Construction of granular sub-base by providing coarse graded material — do — do — VTMB P-12				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
679.69 m ³ @ Rs. 1804.85/m ³					
					= Rs. 1226759.00
					Total Rs. 3272685.00
Less 16.29 m ³					= (-) Rs. 533120.00
As per agreement					
DAO 22/8/2021 6/11/2021 12/3/2021					= Rs. 27,89,565.00
Permit Rs.					
10/03/2021					(3) 10.3.21
JE					AE