

Schedule XLV-Form No. 134

Gaan'yaon' Jankir Pur.

F.E. R.W.D. W. Div. Tehnank **DIVISION**

A.E. R.W.D. Markbun^{Pr} **SUB-DIVISION**

2679-

MEASUREMENT BOOK

E. E. Rwy. W. Div. Tenahab DIVISION

A. E. Rwy. Makdum SUB-DIVISION

Measurement Book

No. 2679

EXCISE OFFICE

Name of Officer _____

Date of first entry _____

Date of last entry _____

NOTES

REFERENCE TO R. W. A. CODE, CHN. VI
Part 38 & 81

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 subordinates in-charge of work. Executive measurement books have been supplied by the Executive Engineer for the purpose.
- (b) All measurements should be borne 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 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 of 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 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 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.

Abstract of Cost

46

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 :- Construction of road from Ganigani Jarakpur to Vmra Chhatijang Road (Under mmsy)					
Agency :- M/s Aditya Shree engineers Pvt Ltd, S. Shakti Niwas, West Gandhi Maidan, Jharkhand.					
Agr. No :- 30 Mar / 2014-21					
Date of agreement - 09 / 12 / 2020					
Date of Completion - 08 / 12 / 2021					
Date of measurement -					

1/1) Providing & fixing of working bench mark pillars - do - VTM B P-31

02 NOS. @ Rs. 3566.26/each
= Rs. 7132.50

- Reference Pillars -

02 NOS. @ Rs. 1617.86/each
= Rs. 11325.50

2/3) Clearing & grubbing of road land - do - VTM B P-31

1.08 Hect. @ Rs. 51161.75/Hect
= Rs. 55255.50

3/4) Excavation for road margin soil for carrying out cut earth - do - VTM B 32

Continuation
170.10m³ @ Rs. 74.16/m³ = Rs. 12615.50

86327 =

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
4/5) Construction of embankment with approved material deposited from roadway cutting					
— do — VTMB P-32					
102.06 m ³ @ Rs. 55.57/m ³					
					= Rs. 5671.40
5/29) E/W in excavation for structure					
— do — VTMB P-32					
160.373 m ³ @ Rs. 294.73/m ³					
					= Rs. 47267.40
6/30) Providing MIS as levelling course in foundation — do —					
VTMB P-32					
17.354 m ³ @ Rs. 4016.63/m ³					
					= Rs. 69705.40
7/31) Brick masonry work in Cement mortar (1:4) in head wall — do — VTMB P-32					
160.946 m ³ @ Rs. 5638.68/m ³					
					= Rs. 907523.40
8/32) Providing & laying Rec NP3 pipe of 1000 mm ϕ on 1st class bedding — do — VTMB P-32					
45.00 m @ Rs. 3422.42/m					
					= Rs. 154009.40
9/33) Plastering with Cement mortar (1:4) on b/w in sub-structure					
— do — Continuation VTMB P-33					
349.081 m ² @ Rs. 144.29/m ²					
					= Rs. 50369.40

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10/34) Providing 1.5 mm thick Cement punning — do — VTMB P-33					
74.70 m ² @ Rs. 45.43/m ²					
					= Rs. 3394.00
11/6) Construction of embankment with material obtained from borrow pits — do — VTMB P-44					
for 1000 m lead					
636.27 m ³ @ Rs. 188.05/m ³					
					= Rs. 119657.00
12/7) for 100 m lead					
VTMB P-44					
1802.00 m ³ @ Rs. 170.62/m ³					
					= Rs. 307457.00
13/8) Construction of subgrade & earthen shoulders — do — VTMB P-42					
1160.80 m ³ @ Rs. 235.98/m ³					
					= Rs. 273926.00
14/9) Construction of g.s.B by providing well graded material — do — VTMB P-38					
709.68 m ³ @ Rs. 1630.17/m ³					
					= Rs. 1156899.00
15/10) Providing, laying, spreading & compacting of WBM h/s-3 — do — Continuation P-39					

Particulars	Details of actual measurement			Contents of area
	No.	L	B.	D.
505.04 m ³ @ Rs. 2099.22/m ³				= Rs. 1060190.40
16/28) Providing & fixing of typical masonry information sign board				
—do— VTM B P-34				
02 NOS. @ Rs. 9084.10/each				= Rs. 18168.20
17/14) Construction of ungrouted PCC pavement —do—				
VTMB				
348.34 m ³ P-34				
36.00 m ³ P-39				
384.34 m ³ @ Rs. 4876.16/m ³				= Rs. 1874105.60
18/11) Providing & applying primer Coat with bitumen emulsion				
(SS-1) —do— VTM B P-40				
4331.70 m ² @ Rs. 44.45/m ²				= Rs. 192544.10
19/12) Providing & applying tack Coat with bitumen emulsion				
(RS-1) —do— VTM B P-40				
4331.70 m ² @ Rs. 15.12/m ²				= Rs. 65495.10
20/13) Providing, laying & rolling of close graded premix surface material —do—				
VTMB P-40				
4331.70 m ² @ Rs. 177.14/m ²				= Rs. 767317.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
21/15) Laying brick Soling layer on prepared sub-grade					
— do —	VTMB P-40				
22/16) 22.50 m^2 @ Rs. 453.52/m ²					132207.00
291.50					= Rs. 9977.00
22/16) Providing & fixing of RCC MIS grade Km stone — do —					
— do —	VTMB P-44				
03 NOS. @ Rs. 1860.78/each					
					= Rs. 5583.10
23/17) — 200mm Stone —					
— do —	VTMB P-44				
07 NOS. @ Rs. 541.32/each					
					= Rs. 3789.20
24/18) Providing & fixing of retro-reflectized Cantorway, mandatory & informative sign					
— do —	VTMB 44				
600mm Equilateral Triangle					
14 NOS. @ Rs. 3505.81/each					
					= Rs. 49081.10
25/19) — 600mm Circular —					
— do —	VTMB P-45				
12 NOS. @ Rs. 3603.31/each					
					= Rs. 43240.10
26/20) — 900mm Equilateral Triangle — do —					
— do —	VTMB P-45				
08 NOS. @ Rs. 5217.27/each					
					= Rs. 41738.10

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
27/21) Road marking with hot applied thermoplastic Compound — do — VTMB P-45 for bituminous surface					
226.80 m ² @ Rs. 735.79/m ²					
					= Rs. 166877.00
28/22) — for cc surface — VTMB P-45					
126.00 m ² @ Rs. 766.57/m ²					
					= Rs. 96588.00
29/) Planting of trees by road side — do —					
80 Nos. @ Rs. 818.70/each					
					= Rs. 65496.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F. Total					7764.608.00
Add 12-1. GST					(+) Rs. 931753.00
1+. Lab.					(+) Rs. 7766400.00
Less					
Total					Rs. 8774025.00
Less 9.29-1.93					(-) Rs. 813352.00
per agreement					
					= Rs. 7960673.00
Less for previous payment					(-) Rs. 5920395.00
					= Rs. 2040278.00
Pranot Rs.					
29/11/2021					
TE					