

Ganigaoi Mark Pur.

Schedule XLV-Form No. 134

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

A.E. R.W.D. Markdumtu **SUB-DIVISION**

2679-

MEASUREMENT BOOK

Sch. XLV—Form No. 134

E.E. Rued W.Div. Tenonah DIVISION
A.E. Rued. Makdum SUB-DIVISION

Measurement Book

No. 2679

W. M. D. (M) DICTION
EXCHANGES

Name of Officer _____

Date of first entry _____

Date of last entry _____

NOTES

REFERENCE TO R. W. A. CODE, CHPL VII
Para 39 & 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-charges of work. Measurement books have been supplied by the Executive Engineer for the purpose.
- (b) All measurements should be bearing down in a measurement book Form 23, issued for the purpose, no where 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
 - (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 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 reference 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.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work! - Construction of road from Ganigari Jankpur to Vanta Chhatijam Rampur Road. (Under M.M.S.Y)					
Agency! - M/s Aditya shree engineers Pvt. Ltd., 3, Shakti Niwas, west Gandhi maidan Jehanabad.					
Agreement NO! - 30/MBO/2020-21					
Date of agreement! - 09/12/2020					
Date of Completion! - 08/12/2021					
Date of measurement! - 08/03/2021					

① Providing, laying, spreading & Compacting of W.B.M 60 - III
— do — do —

$$10 \times 30.00 \times 3.75 \times 0.075 = 84.375 \text{ m}^3$$

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$$9 \times 30.00 \times 3.75 \times 0.075 = 75.94 \text{ m}^3$$

$$= 329.065 \text{ m}^3$$

Extra widening on curves.

$$8 \times 18.00 \times \left(\frac{3.75 + 5.40 + 3.75}{3} - 3.75 \right)$$

$$\times 0.075 = 5.94 \text{ m}^3$$

$$\text{Total} = 335.005 \text{ m}^3$$

② Construction of V.C.C. reinforced, P.C.C. Pavement ^{Continuation} thickness as per design — do — do —

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10 x 30.00 x 3.75 x 0.160 =					180.00 m ³
9 x 30.00 x 3.75 x 0.160 =					162.00 m ³
					342.00 m ³
Extra widening on curves					
3 x 24.00 x (3.75 + 5.40 + 3.75)					- 3.75
					3
					x 0.160 = 6.34 m ³
					Total = 348.34 m ³

Pranil K.C.
08/03/2021
JE

(S) 08/03/2021
JE

Abstract of cost

Name of work:- Construction of
road from Ganjam Jamarpur
to Vinta chhatyana Ramp road.
(Under Ministry)

Agency:- M/s Aditya Shree
Engineers Pvt. Ltd., 31 Shakti Nivas
West Gandhi maidan, Jehanabad.

Agreement No:- 30 MBO/2020-21

Date of agreement - 09/12/2020

Date of completion - 08/12/2021

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1) Locating & fixing of working benchmark pillars — do — do —					
VTMB P-12					
02 Nos. @ RS. 3566.26/each					
= RS. 7132.52					
Reference pillars — do — do —					
VTMB P-12					
07 Nos. @ RS. 1617.86/each					
= RS. 11325.02					
2/3) Clearing & grubbing of road land — do — do —					
VTMB P-12					
1.08 Hect. @ RS. 51161.75/hect					
= RS. 55255.00					
3/4) Excavation for roadway in soil for carrying out cut earth — do — do —					
VTMB P-13					
170.10 m ³ @ RS. 74.16/m ³					
= RS. 12615.00					
4/5) Construction of embankment with approved material deposited from roadway cutting — do — do —					
VTMB P-13					
102.06 m ³ @ RS. 55.57/m ³					
= RS. 5671.00					
5/6) E/W in excavation for foundations of structure — do — do —					
VTMB P-13					
160.373 m ³ @ RS. 294.73/m ³					
= RS. 47267.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6/30) Providing mix as levelling course in foundation					
- do - do -					
					VTMB P-13
17.354 m ³	(@)				Rs. 4016.63/m ³
					= Rs. 69705.10
7/31) Brick masonry work in cement mortar (1:4) in head wall					
- do - do -					
					VTMB P-14
160.946 m ³	(@)				Rs. 5638.68/m ³
					= Rs. 907523.10
8/32) Providing & laying RCC NP3 pipe of 100mm on best class bedding					
- do - do -					
					VTMB P-14
45.10 m	(@)				Rs. 3422.42/m
					= Rs. 154109.10
9/33) Plastering with cement mortar (1:4) on brickwork in sub-structure					
- do - do -					
					VTMB P-14
849.081 m ²	(@)				Rs. 144.29/m ²
					= Rs. 50869.10
10/34) Providing 1.5mm cement punning					
- do - do -					
					VTMB P-14
74.70 m ²	(@)				Rs. 45.43/m ²
					= Rs. 3394.10

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11/6) Construction of Embankment with material obtained from borrow pits — do — do — 100m length VTMB P-14					
					496.01 m ³ @ RS. 188.05/m ³
					= RS. 93275.10
12/7) for 100 m length VTMB P-15					
					1404.77 m ³ @ RS. 170.62/m ³
					= RS. 239682.10
13/8) Construction of Subgrade & earthen shoulder — do — do — VTMB P-15					
					768.57 m ³ @ RS. 235.98/m ³
					= RS. 181367.10
14/9) Construction of granular sub-base by providing well graded material (Gr-I) — do — do — VTMB P-15					
					723.54 m ³ @ RS. 1630.17/m ³
					= RS. 1179493.10
15/10) Providing laying & spreading & Compacting of WBM Gr-3 — do — do — VTMB P-15					
					160.3125 m ³ VTMB P-15
					335.105 m ³ VTMB P-18
					495.3175 m ³ @ RS. 2079.22/m ³

Continuation

= RS. 1039780.10

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16/28) Providing & fixing of typical masonry in formwork					
Sigon board with 10% — do — do — VTMBS P-15					
02 Nos. (A RS. 9084.10/each = RS. 18168.10					
17/14) Construction of unreinforced concrete pavement thickness as per design — do — do — VTMBS P-19					
348.34m ³ (A RS. 4896.16/m ³ = RS. 1698562.10					
 = RS. 5774592.10					
less 9.27 + 95 = (-) RS. 535305.10 per agreement					
= RS. 5239287.10					
Add 12.1.657 = (+) RS. 692951.10					
17. Lab = (+) RS. 57746.10 less					
= RS. 6525289.10					
less 9.27 + 95 = (-) RS. 604899.10 per agreement					
= RS. 5920395.10					
less for provisions = (-) RS. 2142087.10					
Net payment = RS. 3778308.10					
Permitted Rs. 08/05/2021 JE					
Continuation					
08/03/2021 BE					