

Rajpur Auzna RCD Road to Sundari

Schedule XLV-Form No. 134

2123m

DIVISION

mmsst (NDB)

2123m

SUB-DIVISION

RBA Construction

MEASUREMENT BOOK

1616

Name to 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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		T& AX Bill			
N/W- Rafter Area Road to Sundari					
Agency- RBA Construction.					
At. New area Sakarum, Rohas.					
Agreement No- MBD-02/2023-24					
Date of Start of work- 19.7.23					
Date of completion- 18.7.23					
Accepted Rate- 10% Below.					

D/E — 24/12/23 and form

Details of measurement

(1) cleaning and grubbing the soil land (by manual means)

$$18 \times 30.0 \times 3.50 \text{m} \times 2 = 3780.0 \text{m}^2$$

$$1 \times 15.0 \times 3.50 \times 2 = 105.0 \text{m}^2$$

$$3885.0 \text{m}^2$$

$$= 0.39 \text{ Ha.}$$

(2) Excavation for soil way in soil (Box cutting)

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		6 x 30'0" x 0.375 x 0.100 m x 2			
					= 13.5 m ³
		10'0" x 0.375 x 0.100 x 2 = 0.75 "			
					14.25 m ³
(3) consists of embankment with materials obtained from borrow pits up to 1 room level					
		10 x 30'0" x 1.25 m x 0.900 x 2			
					= 67.5 m ³
		20'0" x 1.25 x 0.600 x 2 = 45.0 "			
		20'0" x 1.25 x 0.800 x 2 = 30.0 "			
					75.0 m ³

(4) consists of granular sub base by spreading well graded materials (grading I material)

B.T. Portion		10 x 30'0" x 4'05" x 0.200 m			
					= 23.0 m ³
		1 x 30'0" x 4'05" x 0.200 = 24.30 "			
		20'0" x 4'0" x 0.200 = 16.20 "			
					23.50 m ³
					283.50

C.C. Portion

do Profile correction.

		3 x 3'0" x 1.50 x 0.100 = 1.35 m ³			
		5 x 2'0" x 1.25 x 0.100 = 1.25 "			
		5 x 5'0" x 1.50 x 0.100 = 3.75 "			
		8 x 2.50 x 1.250 x 0.100 = 2.50 "			
					8.85 m ³

Continuation

30/12/23
20

Done
20/1/24

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7. Culvert — 600 mm dia					
(i) Eluvial excavation of joints of structure					
M.W. 2 x 3.90 x 1.150 x 1.150 x 2 Nos					= 26.91 m ³
Below slip 1 x 5.350 x 1.130 x 0.365 x 2					= 9.42 m ³
					31.32 m ³
(ii) Ponding P.C.C. masonry					
Joints as Lovellup course					
2 x 3.90 x 1.150 x 0.150 x 2 Nos					= 2.691 m ³
1 x 5.317 x 1.130 x 0.250 x 2					= 3.003
					5.697 m ³
(iii) Ponding P.C.C. masonry					
Sub structure — do — all complete					
2 x 3.600 x $\frac{1.00 + 0.400}{2}$ x 2.787 m x 2					= 26.91 m ³ 28.022
Leak for pipe					
2 x $\frac{3.14}{4}$ x (0.830) ² x 0.530 x 2					= (1) 1.46 m ³ 26.876
(iv) Ponding Flaring R.C.C. pipe					
N.R. (600 mm dia) for culverts					
2 x [3 x 2.50] = 15.0 m.					

Abstract

Total Bill

(1) clearing and grubbing the
road land (by manual
means)
0.39 Hg wide tons 1.01
Rs 72697 = 861 — Rs 28352 = 0

(2) Excavation of road way
in soil for Box cutting
14.25 m³ wide tons 1.2
Rs 103 = 850³ — Rs 1480 = 0

(3) Consists of embankment
with material obtained

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Hand broken pits with at the base of talus m. 700.0 m ³ wide ton R. 2 C.R. 299=71/m ³ — R 191842=0					
(4) Costs of granula for base by spreading well graded materials 306.60 m ³ wide ton R. 3 C.R. 3352=46/m ³ — R 1027864=0					
(5) Spreading, laying and compacting fine aggregates of W.B.M. Ck III 152.999 m ³ wide ton R. 4 C.R. 5015=50/m ³ — R 767366=0					
(6) Costs of un. reinforced cement concrete Pavement m. 30 116.40 m ³ wide ton R. 9 C.R. 8724=18/m ³ — R 1015495=0					
(7) Spreading and fixing typical masonry infill for high wall with W.P. 2 No. C.R. 11433=94 — R 22868=0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8. E/W in excavation of Jondur of structure					
	31.32	m ³			
	CB 383	= 28	m ³		120042
9. Providing Rice mill in Jondur as dwelling house.					
	5.691	m ³			vide P.
	CB 6452	61			39567
		7017	= 78		399382
10. Providing Rice mill in Jondur. Jondur structure					
	26	876	m ³		
	CB 7961	= 57	m ³		
					215822
11. Providing / Laying Rice pipe m ³ of 600 mm dia					
	15.0 m				vide P.
	CB 3307	201			49611 = 00
					P. 3375 642 = 00
Add 48% @ 18% —					P. 607615 = 00
Add L.C. @ 1% —					P. 33756 = 00
Add. S. Fee. @ 1.60% —					P. 54010 = 00
					P. 4071023 = 00
Less 10% Below					P. 407102 = 00
					P. 3663921 = 00

Continuation

Drawn
10/5/24
JE

10-2-24
AV