

MMGS NDB BRICS - BRBP 575

Schedule XLV-Form No. 134

ಪಿಎಸ್ ಜುನಿಟಿ ಆಫ್ ದಿ ಲುಕ್ಸ್ ರಿಸ್ಟ್ರಿಕ್ಟ್ ಟ್ರೇಡ್ ನ್ಹ್ ಧಾ
ಪಾಂಟಿ

M.B.N. 1745/23-24

DIVISION

ಕಾರ್ಖಾನಾಕ ಜಿ-ನಿರ್ಮಾಣ

ಪ್ರಾಥಮಿಕ ಕಾರ್ಯ ವಿಭಾಗ, ಕಾರ್ಯ ಸ್ಥಾಪನೆ

SUB-DIVISION

ಪ್ರಾಥಮಿಕ

MEASUREMENT BOOK

ಪರಿಶೀಲನೆ: 1991-92 ರಲ್ಲಿ ಮಾಡಿದ

प्रमाणित किया जाता है, कि इस
मापी पुस्त में कुल 100 (एक सौ) पन्ना है।
तो अक्षों में छापी गई है इस मापी पुस्त
को... मो. सा. सा. ४६३३३... के अक्षों
मापीय कार्य विभाग कार्य अवधि प्रमाणित
...मि. २३२४... प्रमाणित किया जाता है।

अवेक: विक्रम कुमार पाण्डे


कार्यपालक अधिकारी
मापीय कार्य विभाग कार्य अवधि प्रमाणित
...मि. २३२४...

Sch. XLV-Form No. 134

DIVISION

SUB-DIVISION

Measurement Book

No. 1745
23-24

Name of officer

Date of first entry

Date of last entry

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
19/1	1/0	1	0	2	0.15
in sub structure					
2	4	2	92	0.855	1.95 = 98.95
 31/01/2024 J.C. Record Entry					
1/2	2	1	0	0	0.00
in supplying R.M.S.					
8 placing 14.50 bar.					
— 0.00 —					
30/1	2	2	40	2.50	1 x 0.8712/4 = 356.42
30/1	2	2	30	2.50	1 x 0.8712/4 = 267.00
30/1	2	2	2	3.80	1 x 0.8712/4 = 541.12
30/1	2	2	22	0.607	1 x 0.8712/4 = 31.23
30/1	2	6	11	0.60	1 x 0.8712/4 = 704.88
30/1	2	4	2	1.40	1 x 0.8712/4 = 177.26
30/1	2	4	4	1.15	1 x 0.8712/4 = 227.08
					total = 2326.25
					sup = 2.327
 13/01/2024 J.C. Record Entry					
1/2	2	1	0	0	0.00
in sub structure					
2	2	1	0	2.50	0.25 = 7.50
2	2	2	0	2.50	0.25 = 12.00

Continuation

4
Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$2 \times 4 \times 6.00 \times 0.10 \times 0.10$					0.48
				1704 m ²	19.78 m
<i>(Signature)</i> 15/02/2024 J.E					
Revised Entry					
$\frac{1}{2}$ Riv on 12/4ing filling & placing 124 to 600					
Sub total					
$2 \times 124 \times 0.25 \times 0.87$					123.40 m
Sub total					
$2 \times 17 \times 0.25 \times 0.87$					125 m m ²
Disturbance					
$2 \times 2 \times 11 \times 0.20 \times 0.87$					162.88
$2 \times 2 \times 40 \times 1.50 \times 0.87$					138.20
$2 \times 4 \times 6 \times 8.50 \times 0.87$					192.10
$2 \times 2 \times 4 \times 1.20 \times 0.87$					11.84
				1704 m ²	806.82 m ²
<i>(Signature)</i> 15/02/2024 J.E					
Revised Entry					
$\frac{1}{2}$ Riv R.C.C. m-25 grade in substructure - 100 -					
$2 \times 1 \times 2.50 \times 0.25 \times 0.25$					7.50
$2 \times 2 \times 2.50 \times 0.25 \times 0.25$					8.188
Continuation					8.188

(Signature)
15/02/2024
J.E

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
Revised Entry					
(iv) Backfilling behind abutment - do -					
$2 \times 2 \times 2.92 \times 3.38 \times 1.95 =$					76.98 m
$2 \times 2 \times 3.38 \times 0.60 \times 2.25 =$					18.25
$2 \times 4 \times 2.32 \times 0.60 \times 1.95 =$					21.22
					total = 37.01 m
(v) For laying bit/diesel					
measures - do -					
$2 \times 2 \times 3.38 \times 0.60 \times 2.25 =$					18.25
$2 \times 4 \times 2.32 \times 0.60 \times 1.95 =$					21.22
					total = 39.92 m

(vi) For Draining points					
- do -					08 nos
(vii) For needles for					
abutment - do -					84 nos
(viii) Cost of R.C.C. masonry					
retaining wall -					
$2 \times 2 \times 5.00 \times 1.0 =$					20.00 m
$2 \times 2 \times 2.50 \times 1.0 =$					10.00 m
(ix) For enclosing for roof					
by box walling -					
$2 \times 3 \times 30.00 \times 0.375 \times 0.10 =$					15.25
$2 \times 1 \times 10.00 \times 0.375 \times 0.10 =$					0.75
$2 \times 6 \times 30.00 \times 0.525 \times 0.10 =$					18.90
					total = 35.40 m

Continuation

Sch. XLV-Form No. 134

6

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	O.	
1/5) Cost of construction					
Land from bonaville 8.1.14					
70.1. of 25.40					
70 x 35.40					24.780
100					
2/5) Cost of subgrade construction					
Shoulders - 4					
10 x 30.00 x 2.70 x 0.30					693.00
12 x 60.00 x 6.60 x 0.35					831.60
3 x 30.00 x 7.60 x 0.30					205.20
1 x 26.00 x 7.75 x 0.30					60.45
Total					1790.25

2/10 Providing labour, spreading and compacting the
15 x 50 x 1.50 x 0.30 = 112.50

20/02/2024					
30					
Account Entry					
1/4) Cost of G.S.B by					
new graded material					
Profile Correction					
3 x 4.40 x 1.10 x 0.10					1.45
4 x 5.60 x 1.20 x 0.10					2.69
3 x 2.60 x 1.00 x 0.10					1.62
6 x 2.40 x 0.90 x 0.10					1.30
4 x 3.80 x 0.95 x 0.10					1.44
5 x 3.40 x 1.05 x 0.10					1.89
4 x 3.40 x 1.25 x 0.10					1.70
2 x 7 x 30.00 x 0.325 x 0.10					15.25

Continuation

7
Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2 x 10	10.00	2.00	2.50	0.10	0.75
10 x 30.00	30.00	4.05	0.20		243.00
15 x 30.00	30.00	4.05	0.20		364.50
2 x 60	60.00	0.525	0.10		18.90
6 x 30.00	30.00	4.05	0.10		72.90
				total =	727.79 m ²

22/01/2024
J.E.

Repeating Quantity

Ch	Dis	Area	Mean Area	Volume
0	0	0.494		
50	50	0.194	0.394	12.200
100	100	0.394	0.294	14.200
150	50	0.294	0.344	12.200
200	50	0.194	0.244	12.200
250	50	0.394	0.294	14.200
300	50	0.194	0.294	14.200
350	50	0.538	0.466	18.300
400	50	0.437	0.480	23.925
450	50	0.584	0.503	25.125
500	50	0.622	0.602	30.100
550	50	0.375	0.499	24.925
600	50	0.535	0.480	24.000
650	50	0.089	0.332	16.820
700	50	0.626	0.382	19.125

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
750	20	0.504	0.340		37.00
800	10	0.512	0.557		32.925
850	50	0.601	0.557		27.850
900	10	0.286	0.444		20.05
950	20	0.432	0.357		17.900
1000	50	0.483	0.460		22.975
1050	50	0.506	0.492		24.825
1100	20	1.418	0.962		48.100
1150	20	0.602	1.010		50.520
1200	26	0.552	0.577		15.002
			TOTAL		572.452

(2) Cost of embankment
 Road up to 100 ft wide
 80% of 572.452 m²
 $80 \times 572.452 = 457.96$

(3) Cost of embankment
 Road up to 100 ft wide
 20% of 572.452 m²
 $20 \times 572.452 = 114.49$

26/02/2024
 J.E

26/02/24
 J.E

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
Abstract of cost					
(1) Cost of redress					
width bench mark - do -					
1.176 m ² width Page - (1)					
at 5936.93/m ² -				11	6842
(2) Cost of redress					
pillars - do -					
1.126 m ² width Page - (1)					
at 2686.49/m ² -				14	3159
(3) Clearing & grubbing					
at 25444					
0.350 m ² width Page - (1)					
at 22697.86/m ² -				16	25444
(4) Excavation for cutting					
for cutting - do -					
35.40 m ² width Page - (5)					
at 179.66/m ² -				16	6360
(5) Cost of embankment					
1 m ² from box cutting					
24.28 m ² width Page - (8)					
at 69.45/m ² -				16	1721
(6) Cost of embankment					
1 m ² 1000 m length					
452.91 m ² width Page - (8)					
at 259.90/m ² -				16	119024

Continuation

10
Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2/3) Cost of embankment per m length.					
114.49 m ² vol Page (3)					
@ 184.51/m ² ———				Rs	21125
3/8) Cost of subgrade on northern shoulder.					
1790.35 m ² vol Page (1)					
@ 243.44/m ² ———				Rs	431621
2/8) Cost of b.i. & by well graded material.					
722.29 m ² vol Page (2)					
@ 5076.81/m ² ———				Rs	3674852
1/16) Bulk work in excavation for foundation.					
283.03 m ² vol Page (2)					
@ 410.66/m ² ———				Rs	91589
2/12) 1/4 P.C.C M-15 grade in foundation —					
15.80 m ² vol Page (2)					
@ 10055.41/m ² ———				Rs	158875
1/8) 1/4 P.C.C M-15 grade in foundation —					
66.54 m ² vol Page (2)					
@ 9507.44/m ² ———				Rs	132758

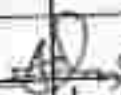
Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
13 22)	2/4 R.C.C. m-15 g+dc				
	in substructure —				
	38.95 m ² wide Page-(3)				
	at 9800.53/m ²			4	381931
13 20)	supplying filling &				
	glazing 1420 bar				
	0.802 m ² wide Page-(4)				
	at 89991.48/m ²			4	22623
15 24)	Boarding behind				
	obutment — do —				
	32.01 m ² wide Page-(5)				
	at 457.11/m ²			4	35423
15 25)	Plr 11cephales in				
	obutment — do —				
	84 m ² wide Page-(5)				
	at 158.32/m ²			4	10136
13 26)	Plr R.C.C. m-25 g+dc				
	in substructure —				
	19.98 m ² wide Page-(4)				
	at 11109.38/m ²			4	221965
15 27)	supplying filling &				
	glazing 1420 bar				
	2.322 m ² wide Page-(3)				
	at 85999.11/m ²			4	200120

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>material used</u>					
Portland cement -	2262.802 m ³				(R 35.25/m ³)
Stone masonry					
53 mm to 9.5 mm -	436.629 m ³				(R 931.25/m ³)
9.5 mm to 2.36 mm -	174.62 m ³				(R 428.00/m ³)
Gravel sand -	262.004 m ³				(R 529.50/m ³)
stone chips					
40 mm -	63.322 m ³				(R 992.30/m ³)
20 mm -	48.605 m ³				(R 1242.26/m ³)
10 mm -	32.222 m ³				(R 595.16/m ³)
Coarse sand -	77.9 m ³				(R 527.80/m ³)
Fine sand -	2.64 m ³				(R 144.25/m ³)
 16/03/2024 J.C.					
Continuation					