

गणित और अंक के अर्थ और अर्थ

Schedule XLV Form No. 134.

BAKASHA-2 DIVISION

गणित और अंक SUB-DIVISION

Measurement Book

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1ST MEASUREMENT ON AIR BILL					
Name of work - construction					
of Road from Barabhatti					
Suburb to Barabhatti West					
T.A.					
Agency - Muzat Kumar Tiwari					
Agreement No - 115BD/2021					
Date of start -					

Date of completion -

Date of measurement -

1) PIV m.m. G.S.V. Sign

Board. - 2 No.

2. Calculation of area.

$$2 \times 15 \times 30 \times 1.5 = 1350 \text{ m}^2$$

$$2 \times 1 \times 10 \times 1.5 = 30 \text{ m}^2$$

$$\text{Total} = 1380 \text{ m}^2$$

$$\text{i.e. } 0.138 \text{ Hect.}$$

3. Compensation of

Embankment - 50.

Drainage Area	Mean Area	Dist	Volume
m ²	m ²	m.	m ³
0	0.355	0	0
50	3.359	50	92.30
100	6.360	50	92.975

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
150	3.632	1.996		50	99.80
200	0446	2.039		50	101.950
250	0.388	0.417		50	20.85
300	3855	2.122		50	106.075
350	3.501	3.68		50	183.975
400	0.900	5.002		50	250.10
450	11.38	8.94		50	400.10
450	0.000	5.79		10	57.90
					47.72
					Total = 1405.017
1- Construction in 11.5					
Subgrade - 50.					
11 x 30 x 7.98 x 0.30 = 790.021					

1 x 2 x 7.98 x 0.30 = 4.788	
Total = 744.801	
2- Construction in 4	
Embedded - 50.	
Qty = 164.16 m ³	
3- Construction in 4	
Embedded - 50.	
Qty = 383.04 m ³	
4- Box casting - 50.	
2 x 2 x 30 x 0.525 x 0.100 = 3.15	5.37
2 x 2 x 30 x 0.525 x 0.100 = 3.15	0.03
2 x 2 x 30 x 0.525 x 0.100 = 3.15	0.315
2 x 2 x 30 x 0.525 x 0.100 = 3.15	4.90
2 x 2 x 5 x 0.375 x 0.100 = 0.375	2.25
2 x 2 x 5 x 0.375 x 0.100 = 0.375	0.75
Total = 1150 m ³	

Continuation

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Particulars	Details of actual measurement				Contents of area
	Nc.	L.	B.	D.	
5- Riv to S.B. wall					
Complete job					
$11 \times 30 \times 4.050 \times 0.20 =$					267.30 m^3
$1 \times 2 \times 4.050 \times 0.20 =$					$1.62 "$
$2 \times 30 \times 4.050 \times 0.100 =$					$24.30 "$
$1 \times 3 \times 4.050 \times 0.100 =$					$1.215 "$
$2 \times 2 \times 30 \times 0.525 \times 0.100 =$					$6.30 "$
$2 \times 2 \times 30 \times 0.525 \times 0.100 =$					$6.30 "$
$2 \times 2 \times 30 \times 0.375 \times 0.100 =$					$4.50 "$
$2 \times 2 \times 5 \times 0.375 \times 0.100 =$					$0.75 "$
$2 \times 0.375 \times 1.2 \times 0.200 =$					3.60 m^3
$2 \times 5.11 \times 3.00 \times 0.100 =$					$3.07 "$
$2 \times 15.3 \times 1.0 \times 0.200 =$					$6.12 "$
Deduction Total =					1.62
$1 \times 2.00 \times 4.050 \times 0.200 =$					1.62
Total =					315.51 m^3
1x1m Box rebar					
1- Box to excavation in foundation					
$1.00 \times 1.50 \times 6.00 \times 1.00 =$					9.00 m^3
$2.00 \times 5.50 \times 0.50 \times 1.50 =$					$8.25 "$
Total =					17.25 m^3
$2 \text{ m}^3 = 2 \times 17.25 =$					34.50 m^3
2- Riv Sand filling in foundation					
$1.00 \times 1.50 \times 6.00 \times 0.15 =$					1.35 m^3
$2.00 \times 5.50 \times 0.50 \times 0.15 =$					$0.825 "$
Total =					1.90 m^3

Limit 1-8 continuation

Limit 180000
 4. P.V. M.T. Reimbursement
 in P.V.C. Share =
 100000
 $5880 \times 2 \times 5 \text{ Nos} = 7032000$
 $5880 \times 2 \times 5 \text{ Nos} = 7032000$

$$\begin{aligned}
 & 571.20 \text{ m. } \times 52 \text{ kg/m} = 354.14 \text{ kg} \\
 & 1580 \times 31 \text{ H}_2 = 48980 \text{ m.m.} \\
 & 1580 \times 31 \text{ H}_2 = 48980 \text{ m.m.} \\
 & 2360 \times 31 = 73160 \text{ m.m.} \\
 & 1580 \times 31 = 48980 \text{ m.m.} \\
 & 2 \times 1120 \times 31 = 69440 \text{ m.m.} \\
 & 2 \times 1120 \times 31 = 69440 \text{ m.m.} \\
 & 44850 \times 31 = 105400 \text{ m.m.} \\
 & 1580 \times 31 = 48980 \text{ m.m.}
 \end{aligned}$$

Continuation

[illegible]

Continuation

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[illegible]

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST OF					
1ST MEASUREMENT ON A/C					
BILL.					
Name of work. Construction					
of Rural Feeder Bhopatti					
School to Bhopatti					
West side					
Agency - Unnat Karm Tiwari.					
Agreement No - 115BD/20-21					
Date of start - 28.1.20					
Date of completion -					
Date of measurement - 2-8-20					
1) PIV M.B. G.I.Y. Sign					
Board.					
Qty = 2 No.					
CR 11842.30/- R 23685=					
2- Clearing & Grubbing					
Qty = 0.138 K.M.					
CR 51133.75/- R 7056=0					
3- Construction of					
Subgrade - 100					
Qty = 744.80 m ³					
CR 204.10/- R 153058=					
4- Construction of					
Embankment on					
road side					
Continuation					
1.82.799=					

Continuation

1.82.799=

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. - 8	182799
				Qth = 154.15 m	
				R = 20.521 - R	33245
5- Foundation of					
Foundation of					
				Qth = 383.04 m	
				R = 157.411 - R	64125
6- Foundation of					
G.S.B. wall - 37					
				Qth = 316.57 m	
				R = 4042.031 - R	1279585
7- P.V. in Foundation					
in Foundation					
				Qth = 34.70 m	
Limit 31.64 m				R = 209.321 - R	852120
8- P.V. Sand filling					
				Qth = 2.78 m	
				R = 40.101 - R	111420
9- P.V. P.C.C. RIS in					
Foundation					
				Qth = 180 m	
				R = 7172.641 - R	1291120
10- P.V. M.S. Reinforcement					
				Qth = 2.16 m	
				R = 45493.851 - R	1004252
11- P.V. M25 R.C.C.					
Structure					

Continuation

15.82,7275

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B. D.	
			135	$\frac{1}{2} \times 1682727 =$
		29.28 m		
				$\frac{1}{2} \times 8799.721 = 257556 =$
12- Riv	30	12	3	
		14.40 m		
				$\frac{1}{2} \times 3803.831 = 56775 =$
13- Riv				
		20 m		
				$\frac{1}{2} \times 83.11 = 1552 =$
				$\frac{1}{2} \times 1995.820 =$
				$\frac{1}{2} \times 239518 =$
				$\frac{1}{2} \times 19958 =$
				$\frac{1}{2} \times 2255.406 =$

Length of below $\frac{1}{2} \times 31815 =$
 $\frac{1}{2} \times 2224.591 =$
 2-8-20
 J.E.

MATERIAL

1. S. M. - 283.54 m³
2. L. Sand - 121.56 m³
3. Cement - 12.55 m³
4. S. Sand - 13.98 m³
5. Chips - 27.97 m³
6. E. - 1292 m³

2-8-20
 J.E.

Continuation