

3, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

श्री श्री गणेशाय नमः
प्रमाणित की शुरुआत से सम्पन्नता एवं सुख
तब सब सिद्ध

Ladule XLV-Form No. 134

MUNGER DIVISION

DHAKRA SUB-DIVISION

2433

MEASUREMENT BOOK

श्री

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.	
Name of work: - Const. of roads CD					
Work for. Amari Panchayat Me. Sharda.					
pwr. se mapakata Gawan Mushari tal.					
in block Dharahara under Nabad					
Name of Agency: - Karan Kumar Singh					
Barahara, High School, H. Kharagpur					
Munger					
Agreement no. - 02 S.O.D / 2012-2023					
Agreement value - 1, 79, 36, 501					
Rate Approved - (- 2.10 %)					
1st on A/c bill					
(1) Const. of benchmark & reference pillar 2.300 cm					
(1) Const. of reference & working benchmark					
3 nos & 10 nos respectively					
(1) Const. of reference pillar - 22 no					
for 2.300 cm					
(2) Clearing & grubbing road					
clearnd - 20 m					
$2 \times 56 \text{ no} \times 30 \text{ m} \times 2 = 9120$					
$2 \times 11 \text{ no} \times 20 \text{ m} \times 2 = 80$					
9200					
= 0.92 Hect					
(3) Const. of emb. with mat.					
obtained from borrow pit					
Height	Fill Area	Mean Area	Dist.	Volume	
0	3.99				
50	3.686	3.838	50	191.5	
100	3.078	3.282	50	169.1	
150	3.018	3.098	50	152.4	

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
Name of work:- Const. of road & CD work for Amazi Panchayat me Shardha pur se maspakala Ewam musthali tak in block Dhandhara under nabud						
Name of Agency:- Kanan Kumar Singh Banohara, High School, H. Khanagpur Munger						
Agreement no: 02 S.B. 1/2012-2013						

2nd on the bill

1) Construction of subgrade & earthen shoulder					
2 x 33.01 road portion subgrade (earthen)					
$4 \times 30 \text{ m} \times 3.98 \times 0.20$					191.52
Earthen shoulder (side of road)					564.96
$2 \times 33.01 \times 30 \text{ m} \times 1.49 \times 0.20$					697.32
					888.84
2) Providing granular sub base					
$50 \text{ m} \times 20 \text{ m} \times 4.05 \times 0.20$					486
$20 \text{ m} \times 25 \text{ m} \times 4.05 \times 0.20$					405
$4 \text{ m} \times 25 \text{ m} \times \left(\frac{4.05 + 5.20 + 4.05}{3} \right) \times 0.20$					88.6
					979.60
3) Providing, laying, spreading & Compacting stone aggregate					
$20 \text{ m} \times 30 \text{ m} \times 3.75 \times 0.075$					168.75
$20 \text{ m} \times 25 \text{ m} \times 3.75 \times 0.075$					140.625

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
4 m x 2.8 m	3.75	4.5	2.75	$\frac{(3.75 + 4.5 + 2.75)}{2} \times 0.075 = 28.725$ $\frac{338.1}{10}$
1/2 m x 1/2 m	1/2	1/2	1/2	1/2
1/2 m x 1/2 m	1/2	1/2	1/2	1/2
1/2 m x 1/2 m	1/2	1/2	1/2	1/2

Material Statement

(i) 53 mm to 9.5 mm stone aggregate	587.76 m ³
(ii) 53 mm to 22.9 mm stone aggregate	409.10 m ³
(iii) 9.5 mm to 2.36 mm stone aggregate	235.10 m ³
(iv) Coarse sand	293.88 m ³
(v) Stone screening (1.2 mm to 2.36 mm)	81.14 m ³
(vi) E/W	6299.28 m ³
	888.84
1/2 m x 1/2 m	1/2
1/2 m x 1/2 m	1/2

S.F.

(i) 53 mm to 9.5 mm stone aggregate	$587.76 \times 620.62 = 364776$
(ii) 53 mm to 22.9 mm stone aggregate	$409.10 \times 511.99 = 209231$
(iii) 9.5 mm to 2.36 mm agg	$235.10 \times 514.58 = 120980$
(iv) Sand	$293.88 \times 145.80 = 51664$
(v) E/W	$6299.28 \times 34.81 = 219278$
(vi) Stone screening	$81.14 \times 397.73 = 32273$
Home 10% Seigniorage fee	998202
Add previous Seigniorage fee	105029
	11,86,016
1/2 m x 1/2 m	1/2
1/2 m x 1/2 m	1/2

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
Abstract at Vm				
(1) Const of benchmark reference pillar				
Qty vide item no (1) - P(1)				
2.300 cm @ Rs 3597.60				8955 =
(2) Const of reference pillar				
Qty vide item no (1, 11) - P(1)				
2.300 cm @ Rs 1758.59				4045 =
(3) Clearing & grubbing road land				
Qty vide item no (2) - P(1)				
0.92 Hect @ Rs 52970.24				48733 =
(3) Const of emb with approved				
Qty vide item no (3) - P(1)				
1000 m @ Rs 152.33				152330 =
(4) Subgrade & earthen shoulder				
Qty vide item no (4) - P(2)				
Qty vide item no (5) - P(2)				
5976.24 + 12275.52 = 18251.76				
= 6865.08 m @ Rs 209.91				1441049 =
(5) Granular sub-base				
Qty vide item no (5) - P(2)				
Qty vide item no (2) - P(7)				
= 899.2 + 979.60 = 1878.8 m ³				
@ Rs 2525.40				4744722 =
(6) WBM grading III				
Qty vide item no (6) - P(2) + item				
(2) - P(8)				
313.7175 + 328.10 = 641.8175 m ³				
@ Rs 3195.27				2082733 =
(7) Sign board				
Qty vide item no (7) - P(2) + item				
(2) - P(8)				
2 no @ Rs 11257.30				22516 =
Add 1/4 Lab Cess				8505083 =
Add 1/2% U.S.T				1020610 =
Seigniorage fee				186016 =
				9796760 =
less 2.10% below (-)				205732 =
				9591028 =
Deduct previous payment				5373429 =
				4217599 =

20/10/23

At the office of the
M. A. C. S.
13/10/23

09/10/23
A. E.