

Agency: A BHISHK K. KUMAR

Abhish K. Kumar

Agreement no.

6(SB)/2021-22

Construction of road from
Domwadhur PMSR Road to Bickla Tala

Schedule XIV-Form No. 134 Block: Laxmipur

(Reserve for U.C.)

R. W. D (W) Jamu

MMSR (SC)
DIVISION

Laxmi Pura

SUB-DIVISION

Reserve for unemployed of Engineer

MEASUREMENT BOOK

2872

1st. on a/c Bill

Construction of rd. from
Domamachapur Road

Name of work - to Bechla Tala

Situation of work - Block 1 Harmapur.

Agency by which work is executed S. ABHISHEK KUMAR

Date of measurement - 24-1-22

No. and date of agreement. 6(880)/2021-22

(These four lines should be repeated at the commencement of the measurements relating to each work) dt. 30-6-2021

dt. 29-6-2022

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
① Provision of 2 nos of 10' x 30' concrete pillars					3855457
2 nos of 10' x 30' concrete pillars					362000
2 nos of 10' x 30' concrete pillars					4217467
2 nos of 10' x 30' concrete pillars					
do - all complete.					
		10 x 30 = 300			
		1 x 20 = 20			
		1 x 30 = 30			
		5 x 30 = 150			
		500 M			0.50 KM
		500/1000			

②	Cleaning & grubbing of				
	land				
	all complete.				
		1 x 500 x 3.50 = 1750 M ²			
		1750/10000 = 0.175 = 0.175 km ²			

EARTH WORK CHART

Chart No.	Height	Fill Area	Average Area	Depth	Volume
1	0	0.0	-	-	-
2	50	6.00	3.0	50	150.00
3	100	8.00	7.0	50	350.00
4	150	3.458	5.729	50	286.45
5	200	7.06	5.229	50	261.45
6	250	5.00	6.00	50	300.00
7	300	8.00	6.50	50	325.00
8	350	Continuation			
9	400	3.0	6.50	50	325.00
10	450	3.458	4.229	50	211.45
11	500	4.00	3.729	50	186.45
		5.0	4.50	50	225.00
Total E/W					2620.80 M ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ Construction of Subgrade with approved materials obtained from borrow pits - do - all complete.					
Qty. m ³ TMS Page ② of					
(a) f(ii)					= 351.0 m ³
⑥ G.S.M. to I: Construction of granular sub base by providing well graded materials - do - all complete.					
B.T.	1x150	4.05	0.20		= 121.50
C.C	1x350	4.05	0.10		= 141.75
					263.25
⑦ W.B.M. to ③: Provide layer spreading compacting of stone aggregate - do - all complete					
	1x150	3.75	0.075		= 42.19
	1x350	3.75	0.075		= 98.44
					140.63
⑧ Cable duct, Provide by laying of 30mm duct H.P.					
	2x35	2.50			= 15.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9/20) Drawings for of typical masonry information sheet to all completed.		200			200.
24-1-22 JE					

ABSTRACT OF COST (Est. Bill)

(1) Drawings for Bench Mark Qty. wide TMB page 1				
0.50 km @ Rs 32811.62/km = Rs				16306.00
(2) Cleaning & grubbing rd. 100. Qty. wide TMB page 1				
0.175 km @ Rs 51137.38/km = Rs				8949.00
(3) Construction of embankment Qty. wide TMB page 2				
1382.55 m ³ @ Rs 190.45/m ³ = Rs				263307.00
(4) Construction of embankment Qty. wide TMB page 2				
459.21 m ³ @ Rs 148.29/m ³ = Rs				68372.00

Continuation

Rs 3,56,934.00

(C.O.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/6) Construction of Subgrade Qty. under TMB Page (3)					
351.0 m ² (B) 192.13 / m ² = B					67438.00
(6/7) Construction of G.R. P.I. Qty. under TMB Page (3)					
263.25 m ³ (B) 2040.01 / m ³ = B					537033.00
(7/8) Bracing & lagging work (B) Qty. under TMB Page (3)					
140.63 m ³ (B) 2623.33 / m ³ = B					368919.00
(8/14) Bracing & lagging work (B) Qty. under TMB Page (3)					
15.0 m ³ (B) 1613.76 / m ³ = B					24206.00
(9/30) Bracing & lagging work (B) Qty. under TMB Page (4)					
220.0 (B) 9298.51 / m ³ = B					18597.00
					1373127.00
Add 12% GST					164775.00
Add 1% Labourers					13731.00
Add Scaffolding					13731.00
					1565364.00
Less 15.60% below as per agreement					244197.00
Cost					1321167.00

24-1-22
JE

Continuation

24-1-22
AE