

SIH ११ ११११ ११११ ११११

(10 to 9, 7, 5, 1, 3)

MMMSY NDR Brics १११-189

Measurement Book

Schedule XLV-Form No. 134

EXECUTIVE ENGINEER
PILGANA J

DIVISION

JUKHIL BAZAR

SUB-DIVISION

सिंदूर - ११११ ११११

११.११ - ११११

Filed that this M.B. Contains
100 (One Hundred) Nos of Machine

For Signature: KAUSHLENDRA KUMAR

PANDEY
Sub-Division DULHINBAZAR.

M
28/01

Executive Engineer
Rural Works Deptt.
Work Division Paliganj

25/1/24

Sch, XLV-Form No. 134

EXECUTIVE ENGINEER
PALIGANJ, DIVISION

DULHINBAZAR SUB-DIVISION

Measurement Book

No. 633

Name of Officer _____

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6th on Alc B's 11					
Name of work - Construction of road from SH to Lalg Bad sar (10000 feet) take under mmbdy NDB BRICS					
Package no - mmbdy NDB BRIC 189 Paligent.					
Name of Contractor - Shrey Construction Pro - Nripendra Kumar, Asst. Vt. P. - Amhar					
ps - Biting Patra - 801118					
SS. 01 - 03 SBD / mmbdy NDB / 2020-21					
Date of Commencement - 24-09-2020					
Date of Completion - 23-09-2022					
Date of entry -					
Work done					
(1/7) Construction of granular sub base by providing well graded material Grading - I do					
Turnip					
10m x 30.0m x					
less previous paid					
Net					
(2/8) Providing, laying, spreading and compacting 150mm Cor-112					
Turnip					
10m x 30.0m x					
less previous paid					
Net					
Continuation					
30m x 30.0m x					
Net					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) providing and applying					
primer coat with bitumen					
emulsion (SS-1) do					
do do					
CH-718.50m to 1118.50m					
4m x 30.0m x 3.75					= 450.0m ²
1m x 30.0m					= 132.0
1m x 30.0m					= 115.0
2m x 30.0m x 3.75					= 225.0
1m x 30.0m					= 132.0
4m x 30.0m x 3.75					= 450.0
1m x 10.0m x 3.75					= 37.50
				Qty	1541.50m ²
(4) providing and applying					
coat with bitumen emulsion (SS-1)					
do do					
Qty same as item no. (3)					
				Qty	1530.0m ²
(5) providing and rolling					
mix Seal surface type					
do do					
CH-718.50m to 1118.50m					
4m x 30.0m x 3.75					= 450.0m ²
1m x 30.0m					= 132.0
1m x 30.0m					= 115.0
2m x 30.0m x 3.75					= 225.0
1m x 30.0m					= 132.0
4m x 30.0m x 3.75					= 450.0
1m x 10.0m x 3.75					= 37.50
				Qty	1541.50m ²
				Qty	1530.0m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Providing and applying road marking with hot applied thermoplastic compound with reflecting glass beads on BT Surface					
2 x 13 nos x 30.0m x 0.1m =					78.0m ²
2 nos x 10.0m x 0.1m =					2.0
				Qty =	80.0m ²
(7) Providing and applying road marking with hot applied thermoplastic compound with reflecting glass beads on CE surface					
CH - 0 to 718.50m					
2 x 23 nos x 30.0m x 0.1m =					138.0m ²
2 x 1 nos x 28.50m x 0.1m =					5.70
CH - 1243.10m to 1,455m					
2 x 7 nos x 30.0m x 0.1m =					42.0
2 x 1 nos x 1.9m x 0.1m =					0.38
				Qty =	186.08m ²
(8) Construction of subgrade and earthen shoulder with lead up to 1000m					
CH - 718.50m to 1118.50m					
2 x 9 nos x 30.0m x 1.125 x 0.275 =					18.5625
2 x 11 nos x 30.0m x 1.025 x 0.275 =					186.037
2 x 7 nos x 10.0m x 1.025 x 0.275 =					5.627
Continuation					Qty = 210.236

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) PIV 100 M Stone	do				
	1 x 2 m				2 m
(10) PIV 200 M Stone	do				
	1 x 6 m				6 m
(11) Providing and fixing of retro-reflectORIZED Cautionary mandatory and informative signs as per RC 67					
(i) 600mm equilateral triangle					
	1 x 6 m				6 m
(ii) 600mm circular	do				
	1 x 4 m				4 m
(iii) 600mm x 450mm Rectangular					
	1 x 2 m				2 m
(10) PIV & fixing logo of KMBSY					
Marker	do				
	1 x 1 m				1 m
(12) providing and fixing boundary pillar	do				
	1 x 16 m				16 m
(13) Plantation of tree and their maintenance for one year	do				
	1 x 33 m				33 m

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1) Const 4 th benchmark Pilling road					
Qty vide T.M.B.P. (29) item no. (1)					
Qty vide T.M.B.P. (35) item no. (1)					
= 0.490 cum @ 11929.48/cum					5848.28
(2) Clearing and grubbing					
Qty vide T.M.B.P. (27) item no. (2)					
Qty vide T.M.B.P. (35) item no. (16)					
= (0.170 Hae + 0.294 Hae)					
= 0.464 Hae @ 5116.75/Hae					23739.20
(3) Excavation for roadway					
Qty vide T.M.B.P. (29) item no. (3)					
= 10.715 m ³ @ 74.16/m ³					795.20
(4) Const of embankment 1000m					
Qty vide T.M.B.P. (29) item no. (4)					
= 228.60 m ³ @ 176.81/m ³					40430.20
(5) Const of embankment 100m lead					
Qty vide T.M.B.P. (27) item no. (5)					
= 533.42 m ³ @ 139.79/m ³					74566.20
(6) Const of subgrade					
Qty vide T.M.B.P. (33) 210.236 m ³					
@ 161.56/m ³					33966.20
(7) Const of G.S.B. Gravel					
Qty vide T.M.B.P. (27) item no. (6)					
Qty vide T.M.B.P. (35) item no. (1)					
= (426.891 m ³ + 3.30 m ³)					
= 430.191 m ³ @ 2685.20/m ³					1155149.20
					13,44,511.20

36 D 13,44,5112

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8/8) PIV 1057 Gr-112					
Hydrate T.M.B.P. - (29) item d. (7)					
& T.M.B.P. - (31) item d. (2)					
(237.725m ² + 1.838m ²)					
= 239.163m ² @ 3369.04/m ²					805750.
(9/9) PIV Prime coat (584)					
Hydrate T.M.B.P. - (32) item d. (3)					
= 1530.0m ² @ 42.35/m ²					64796.00
(10/10) PIV Tack coat (251)					
Hydrate T.M.B.P. - (32) item d. (4)					
= 1530.0m ² @ 14.40/m ²					22032.00
(11/11) PIV NSS Type B					
Hydrate T.M.B.P. - (32) item d. (5)					
= 1530.0m ² @ 197.04/m ²					301471.00
(12/14) PIV P.C. M ₃₀					
Hydrate T.M.B.P. - (29) item d. (8)					
= 645.66m ² @ 5903.89/m ²					3811906.00
(13/16) PIV CM Stone					
Hydrate T.M.B.P. - (39) item d. (9)					
= 0244m ² @ 2084.98/m ²					4170.00
(14/16) PIV 1057 Stone					
Hydrate T.M.B.P. - (39) item d. (10)					
= 0640m ² @ 556.87/m ²					3521.00
(15/17) PIV & fixing redw-reflection					
358m ² 40mm d					
Hydrate T.M.B.P. - (39) item d. (11)					
11.60mm equilateral triangle					
= 0640m ² @ 3323.66/m ²					19942.00
Continuation					
Total 63,78,099.00					

$$67,53,934 =$$
[illegible]