

Headlight
4947 4E8m/32 4947 4
4541-4D
under = 4446 84 NDB
Brics

Schedule XLV-Form No. 134

Schedule **ENGINEER**
EXECUTIVE
R.N.D **PALIGANT**
DIVISION

PALIGANT.
SUB-DIVISION

09
24530 - Shrey Cent. 4.
M.B. Page 13 to

MS.B. No - 871

Red that this M.B. Contains
100 (One hundred) words
Page No. AKSHAY LAL
BAJAK
Sub Division PALIGANJ

29.10.20
Executive Engineer
Rural Works Deptt.
Work Division Paliganj

29/10/20

Sch, XLV-Form No. 134

EXECUTIVE ENGINEER
PALIGANJ. DIVISION

PALIGANJ. SUB-DIVISION

Measurement Book

No. 621

Name of Officer _____

Date of first entry _____

Date of last entry _____

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3rd on A/c Bill					
Name of work - const of Road from					
Peli Mahabulbur Road to Pariyachad					
Name of contractor - shruy const					
Pro - Nripendra Kumar					
Add n II + P.O - Amhara					
P.S - Bihra					
Agreement no - 03/SRD/MM633/NDB					
					2020-21
Date of commencement - 24.09.2020					
Date of completion - 23.09.2021					

1/8 Excavation for 8 ft x 6 ft

$$2 \times 2 \times 6.45 \times 1.40 \times 1.5 = 54.18m^3$$

$$Bnd 2 \times 1 \times 5.78 \times 1.53 \times 0.25 = 4.42m^3$$

$$58.60m^3$$

2/25 Type B 2st class Beddy

on well compact

Local Sand

$$2 \times 1 \times 5.98 \times 1.50 \times 0.25 = 4.43m^3$$

$$Bnd 2 \times 1 \times 5.78 \times 0.22 = 2.54$$

$$7.18m^3$$

3/25 Broadly Plain con

cement in open found

$$2 \times 2 \times 6.45 \times 1.40 \times 0.15 = 5.43m^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/26 Head wall in B.P. 6					
cent. cone in					
H.W. - 2x2x6.2x		1.25 + 1.86			50.48
					2x2.465 = 62.66
Bed - 2x2x6.2x0.4x.60					25.95m ³
W.S. for B.P. - 2x2x1.88x0.61					2.89m ³
2x2xWx2m					65.79m ³
					53.49m ³

5/20 P-2 laying pipe NPS

28 1000 mm dia

2x3x2.50 = 15.0m

600 mm H.P.

6/24 E/W in excavation is

found for structure

H.W. - 2x2x4.15x1.40x1.47 = 34.16m³

Bed - 2x1x5.78x1.07x0.25 = 3.09m³

37.25m³

2/ providing P.C.C. M15 in

open foundation

H.W. 2x2x3.85x1.25x1.40x2.005 = 31.64

Per - 2x2x3.85x0.40x0.60 = 3.69

Bed - 2x2x0.465x0.61 = 1.13

34.20m³
28.03m³
28.03m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7/25 Boundary PCC M15 in open foundation					
	2 x 2	3.85	1.40	0.15	3.23 m ³
8/25 Bedding in PCC M15					
	2 x 5.78	1.07	0.25		3.09 m ³ 6.80 m ³
20 Pit 2 x 5.78 x 0.22					0.54 m³
					4.26 m ³
9/26 PCC in Head Wall					
H.W - 2 x 2 x 3.85 x 1.25 + 0.40 x 2.005					
					25.47 m ³
Base W - 2 x 2 x 3.85 x 0.4 x 0.60					3.70 m ³
Lead for Pipe 2 x 0.465 x 0.61					1.13 m ³
					28.04 m ³
10/27 Road 2 Casing Pipe					
HP 3 Goodman d/c					
2 x 3 x 2.50					15 m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11/8 WB-6-3 G.S.D					
const of Granular					
Sub base by Pavedly					
Well graded material					
do - do					
1x 26m x 3.20 x .200 = 17.16 m ³					
12/9 WB-6-3					
Pavedly 2 laying, spreading					
2 compacting stone					
agg. m. gal. to WB-6-3					
2x 30m x 3.20 x 0.075 = 14.40 m ³					
1x 30m x $\frac{3.20 + 3.60}{2}$ x 0.075 = 7.65 m ³					
1x 18m x $\frac{3.60 + 3.0}{2}$ x 0.075 = 4.45 m ³					

5x 30m x 3.60 x 0.075 = 40.5 m ³				
3x 30m x 3.75 x 0.075 = 25.31 m ³				
1x 24m x 3.75 x 0.075 = 6.75 m ³				
11x 30m x 3.75 x 0.075 = 92.81 m ³				
1x 21m x 3.75 x 0.075 = 5.90 m ³				
3x 30m x 3.75 x 0.075 = 25.31 m ³				
7x 30m x 3.75 x 0.075 = 59.06 m ³				
81x 30m x 3.75 x 0.075 = 8.43 m ³				
1x 25m x 3.75 x 0.075 = 7.03 m ³				
2x 30m x 3.75 x 0.075 = 16.87 m ³				
WB-6-3 1x 12m x 3.75 x 0.075 = 3.37				
WB-6-3				
1x 22m x 3.75 x 0.075 = 6.18 m ³				
1172m				324.02 m ³

13.06.2022
J. E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					9.18m
1/1 const of Reference Pillar					
2 Working Bench mark					
1.51 Km chain No - 1/1 P-25					
@ 11860.97/Km					19096.00
2/2 clearing & grubbing					
Read land do - do					
0.560 Hec chain No - 2/2 P-25					
@ 51161.75/Hec					28650.200
Box cuttings					
3/3 excavation for Road Work					
in Soil do - do					
72.58 m ³ chain No - 3/3 P-25					
@ 74.160/m ³					5384.00
4/4 const of embankment					
with material obtained					
from borrow pits do - do					
Lead - 1000m					
@ 636.35/m ³ chain No - 4 P-25					112552.00
@ 176.86/m ³					112552.00
5/5 const of embankment					
with material obtained					
from borrow pits do - do					
@ 1592.225/m ³					222577.00
@ 139.73/m ³					
					388,259.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6/7 const of granular					
Sub base with stone					
egg & stone dust chd					
855.52 m ³ chd - 6/7 P-21					
17.16 m ³ chd - 11/8 P-31					
872.68 m ³					
@ 25 47.24/m ³ → 22,22,925=00					

7/8 W-BM 63					
Providing & laying, spreading					
& compacting stone					
aggregate to WBM 63					
11.19 m ³ chd - 6/7 P-18					
324.02 m ³ chd - 12/9 P-33					

335.21 m ³					
@ 3212.78/m ³ → 10,76,956=00					

8/12 C-C Pavement					
const of ungrindd					
Plain cement conc m ³					
191.83 m ³ chd - 8/12 P-21					
@ 5796.13/m ³ → 11,11,872=00					

9/26 Earth work in excavation					
for structure do do					
58.60 m ³ chd - 1/24 P-30					
@ 37.25 m ³ chd - 6/24 P-31					
95.85 m ³					
@ 294.73/m ³ → 28,250=00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12/25 Providing Plain					
cement concrete M15					
in foundation 2					
Below pipe					
5.49 m ² ch no - 3/25 P-30					
4.43 m ² ch no - 2/25 P-30					
3.23 m ² ch no 7/25 P-32					
3.09 m ² ch no 8/25 P-32					
16.24 m ²					
16.180 m ²					
@ 47 17.75/m ² → 76,333.200					

11/26 Providing Plain					
Head wall					
M.W. 2x2					
28.04 m ² ch no 9/26 P-32					
53.49 m ² ch no 4/26 P-31					
81.53 m ²					
@ 5150.47/m ² → 419,934.00					
12/27 Providing 2 layer Rec					
pipe NP3 (600mm dia)					
NP3 frame pipe					
15 M ch no 9/27 P-32					
@ 1239.85/m → 18,598.00					
					5343,127.00

53,43,127=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
13/28 for laying Rec pipes					
NP 3100mm dia					
Home pipe					
15.0M dia no 5/281-31					
@ 3430.24/m					52,354=00
					53,95,481=00
Add 12% of G.S.T ⊕					647,458=00
Add 1% Labour cost ⊕					53,954=00
10% contingencies					
of 174343.00 ⊕					17,434=00
					61,14,327=00
Less 0.01% Adv ⊖					611=00

A 6113716=00

Reduced Provision

Pam

⊖ 46,96,592=00

14,23,124=00

13/06/2022

2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Matured stak</u>					
stone agg	—		235.54m ³		
@ 458.22/m ²			→ 107,929 = 00		
"	—		46.72m ³		
@ 345.52/m ²			→ 16,143 = 00		
✓ 11	—		37.11m ³		
@ 441.08/m ²			→ 16368 = 00		
11	—		33.23m ³		
@ 550.85/m ²			→ 18305 = 00		
11	—		15.96m ³		
@ 614.17/m ²			→ 9802 = 00		
concrete sand			38.44m ³		
@ 150.80/m ²			→ 5796 = 00		

174343 = 00


 13.06.2022
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