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Schedule XLV-Form No. 134

EXECUTIVE ENGINEER
RIND PALGANDS DIVISION

DULHINBAGZOK SUB-DIVISION

NAME OF A.E. → KOLSHIELENDRA PANDAY

MEASUREMENT BOOK

M-BNO-549

Certified that this M.B. Contains
Rs. (One Hundred) Rs. of Machine
PANDEY KAUSHLENDRA
Sub Division... DULHINBAZAR

25/9/20
Executive Engineer
Rural Works Deptt.
25/9/20
Rural Works Division Paliganj

Form No. 134

EXECUTIVE ENGINEER
PALIGANJ DIVISION
DULHINBAZAR SUB-DIVISION

Measurement Book

No. 599

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.	
<u>3rd or ATC Bill</u>					
Name of work - Construction and five year maintenance of road from Selhauri to Gulalchale under MMWSY NDB BRRP - 189 Paligang					
Contractor - Shrey Construction, Prop. Nripendra Kumar, Add. P.O. - Ambarg, P.S. - Bihra					
Agreement No - 03SBD/MMWSY/NDB/2020-21					
Date of Commencement - 24-09-2020					
Date of Completion - 23-09-2021					
Date of entry - 25-02-2022					
<u>Work done</u>					
① Excavation for roadwork by soil with hydraulic excavation of 0.9 cum bucket capacity					
do do					
Calculation					
2 x 140 x 30.0m x 0.375 x 0.1w = 2.25m ³					
2 x 140 x 15.0m x 0.375 x 0.1w = 1.125					
Qty. 3.375m ³					
② Construction of granular sub base by providing well graded material grading - 1					
do do					
Calculation					
2 x 140 x 30.0m x 0.375 x 0.1w = 2.25m ³					
2 x 140 x 15.0m x 0.375 x 0.1w = 1.125					
Continuation Qty. = 3.375m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BT Portion				BA Qty =	3.375m ³
16 Nos x 30.0m x 4.05 x 0.1m =					72.90
1 Nos x 20.0m x 4.05 x 0.1m =					8.10
Less Previous Qty					
6 Nos x 30.0m x 3.0m x 0.1m =					54.0
1 Nos x 20.0m x 3.0m x 0.1m =					6.0
				Qty =	24.375m ³
(3) Providing, laying, spreading and					
Compacting WBM Cor 115 cm					
— — — — —					
3 Nos x 30.0m x 3.75 x 0.075 =					25.312m ³
1 Nos x 20.0m x 3.75 x 0.075 =					5.625
				Qty =	30.937m ³

(4) Construction of unreinforced,					
dowel joint at expansion					
and construction joint only					
plain cement concrete					
finement — — — — —					

1 Nos x 4.40m x $\frac{(3.30+3.75)}{2}$ x 0.160 =					2.481m ³
1 Nos x 25.0m x $\frac{(3.75+3.90+3.70)}{3}$ x 0.160 =					15.133
1 Nos x 30.0m x $\frac{(3.70+3.75)}{2}$ x 0.160 =					17.88
1 Nos x 30.0m x $\frac{(3.75+3.70)}{2}$ x 0.160 =					17.88
1 Nos x 30.0m x 3.70 x 0.160 =					17.76
1 Nos x 30.0m x $\frac{(3.70+3.75+3.70)}{3}$ x 0.160 =					17.840
1 Nos x 30.0m x $\frac{(3.70+3.75)}{2}$ x 0.160 =					17.88
1 Nos x 11.0m x $\frac{(3.75+4.0+4.15)}{3}$ x 0.160 =					6.981
1 Nos x 16.0m x $\frac{(4.15+3.75)}{2}$ x 0.160 =					10.112

Continuation

Qty = 123.94m³

Sch. XLV-Form No. 134

$$26.87 = 123.947m^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1st x 13.00m x		(3.75+3.90+4.35)			
		3	x 0.160 =		8.32
1st x 18.00m x		(4.35+3.70+3.85)			
		3	x 0.160 =		11.424
1st x 21.00m x		(4.10+3.90)			
		2	x 0.160 =		13.44
1st x 18.00m x		(3.90+3.45+3.90)			
		3	x 0.160 =		10.224
1st x 12.00m x		(3.30+3.20)			
		2	x 0.160 =		6.24
1st x 15.00m x		(3.20+4.10)			
		2	x 0.160 =		8.76
1st x 13.00m x		(4.10+3.80+3.70)			
		3	x 0.160 =		8.043
1st x 30.00m x		(3.70+3.80)			
		2	x 0.160 =		18.0
1st x 30.00m x		(3.80+3.85)			
		2	x 0.160 =		18.36
1st x 30.00m x		(3.85+3.75)			
		2	x 0.160 =		18.24
					Qty = 244.998m ³
					bulk = 244.80m ³

for 25/10/2022
AE

for 25/10/2022
AE

Material statement for this bill

(1) Off. (53mm to 9.5mm) - 14.625m ³				
	@ 516.12/m ³			7548 = w
(2) Off. (9.5mm to 2.36mm) - 5.85 m ³				
	@ 411.33/m ³			2406 = w
(3) Stone dust - 8.775m ³				
	@ 470.04/m ³			4125 = w
(4) Off. 53mm to 22.4mm - 37.434m ³				
	@ 458.22/m ³			17153 = w
(5) Stone screenings - 7.425m ³				
	@ 345.52/m ³			2565 = w
(6) Coarsest coarse off. - 220.32m ³				
	@ 528.14/m ³			116360 = w
(7) Coarse sand - 110.16m ³				
	@ 150.80/m ³			16612 = w
				total = 166769 = w

Seigniorage Fee Continuation

Material cost

$$= 16.677 = w$$

for 25/10/2022
AE

for 25/10/2022
AE

19
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT of COST</u>					
(1) Const ⁿ of reference pillar & —					
Qty side T.M.B P- (10) 1.6225m					
@ 11955.76/m — 193922					
(2/2) Clearing & Grubbing & —					
Qty side T.M.B P- (10) 0.5524m					
@ 51161.75/m — 29009=					
(3/3) Excavation for roadway & —					
Qty side T.M.B P- (10) & (10)					
= (40.13 m ³ + 3.375m ³)					
= 43.505m ³ @ 74.16/m ³ — 3226=					
(4/4) Const ⁿ of embankment 100M —					
Qty side T.M.B P- (10) 40.50m ³					
@ 176.86/m ³ — 71628=					
(5/5) Const ⁿ of embankment 100M —					
Qty side T.M.B P- (10) 1150.0m ³					
@ 139.79/m ³ — 160759=					
(6/7) Const ⁿ of G.S.B. Grd & —					
Qty side T.M.B P- (11) & (17)					
= (995.91m ³ + 24.375m ³)					
= 1020.285m ³ @ 2777.18/m ³ — 2833515=					
(7/8) P.V. WBM Grd & —					
Qty side T.M.B P- (11) & (17)					
= (445.77m ³ + 30.937m ³)					
= 476.707m ³ @ 3473.23/m ³ — 1655713=					
47,73,2422=					

Continuation

108 D 47, 73, 242 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Can 19					
(8/11) Cement concrete Pavement 42l					
Qty side T.M.B P-(18)		244.80m ³			
		@ 5990.14/m ³			14663862
(9/16) P.V. M.M.B. Y.M.B.S. Logo board					
Qty side T.M.B P-(11)		0.21m			
		@ 9175.71/foot			1835122
(16/24) C.W. in excavation					
Qty side T.M.B P-(11)		55.87m ³			
		@ 294.73/m ³			164672
(14/15) P.V. P.C. M.15					
Qty side T.M.B P-(12)		11.24m ³			
W.A. 9.498		@ 4913.94/m			466732
(12/26) P.V. brick Masonry CM(1:4)					
Qty side T.M.B P-(12)		42.06m ³			
		@ 5344.68/m ³			2247972
(13/27) P.V. R.C. N.B. 600mm					
Qty side T.M.B P-(12)		22.50m			
		@ 1268.00/m			285302
					total 65,74,4462
Add. 121.65T					7,88,9342
Add 1-1. L. Cor					65,7442
Add. Seigniorage fee side T.M.B P-(13)					36,6502
Add. Seigniorage fee side T.M.B P-(18)					16,6772
					total 74,82,4512
Less 0.014 below as per 235					7482
					Rs 74,81,7032
Less Previous bill Payment Rs 56,10,0042					
					payable 18,71,6992

Continuation

25/04/2022
AE
25/04/2022
AE