

Schedule XLV-Form No. 134

Executive Engineer (Row.D) ^{Tekari} DIVISION

BELAGHAT

SUB-DIVISION

1009

MEASUREMENT BOOK

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W- Construction of road from					
Reo Road chatisa to					
Hasanpur					
Name Ag- MD. Abid, At+PO - Laxmipura					
Belaganj, Gaya					
Agreement No- 13 SBD / MMGSy NDB / 2023-24					
Date of commencement - 2-9-23					
Date of Completion - 1-11-24					
Rate - 0.104 below as per B.O.S					
Measurement Date: 15-11-23					
1) Providing & fixing					
Setting out pillars.					
(i) Benchmark = 2 Nos.					
(ii) Reference pillars = 5 Nos.					
(2) Clearing and Grubbing Road					
land					
$2 \times 30 \times 48 \times 3.00 = 8640 \text{ m}^3$					
$2 \times 10 \times 1 \times 3.00 = 60 \text{ m}^3$					
					8700.00 m
					HA = 87 Ha
(3) Excavation in Soil using					
Hydraulic Excavator					
and Trip pass with					

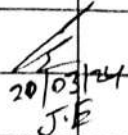
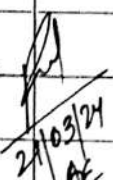
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Measurement Date				5-12-21
(i) Construction of Subgrade and Earthen shoulders					
	1x80	48	7.700	30	3326.40m
	1x8	1x	7.70x	30	18.48 "
	For 100mm base 100% =				3344.88
(ii) Earth shoulder :-					
Adjacent to WBM Surface					
	2x30	43	1.200	0.075	232.20
	2x18	1x	1.200	0.075	3.24
					235.44
Adjacent to GSB (PCC)					
	2x30	43	1.40x	0.20	722.40m
	2x18	1x	1.40x	0.20	10.08 m
					732.48m
Adjacent to PCC					
	2x30	4x	1.035	0.160	39.744
	2x20	1x	1.035	0.160	6.624
					46.37 m
Adjacent to WBM-GRIII					
	2x30	4x	1.110	0.075	19.98m ³
	2x20	1x	1.110	0.075	3.33 "
					23.31 m
Adjacent to GSB					
	2x30	4x	1.210	0.100	29.04
	2x20	1x	1.210	0.100	4.84
					33.88
Total Earth Shoulder					1071.48 m
Total Subgrade 1071.48 + 3344.88 =					4416.36

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Measurement Date = 20-3-24				
(1)	Constr of G.S.B width				
	Well graded				
(i) B.T Portion	1x	30x43	4.050x0.200		1044.90
	1x	1718	4.050x0.200		14.58
					1059.48
	2x end-on curve =				21.19
					1080.67
(ii) C.C Portion	1x	4x30	3.75x0.100		45.00
	1x	1720	3.75x0.100		7.50 m ²
					52.50
	2x end-on curve =				1.05
					53.55
					53.55
	Total (i) & (ii) =				1134.22
					1911.66 m ³
(2) W.B.M Grading & Provisioning					
	1x	30x23	3.75x0.75		14.06
	1x	1410	3.75x0.75		2.81
					196.87 m ²
	Add 2x extra widening				3.94 m
	Curve				200.81
 20/03/24 J.E.  21/03/24 A.E.					

Continuation

$$= 81203 = 50$$


Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Using Hydraulic excav					
Qty 316.73/m ³ V.P (2)					
@ 100.17/m ³				=	31726.00
5/7(ii) (5/9) Construction of Subgrade					
(i) and earthen shoulders					
Qty 3344.88/m ³ V.P (3)					
@ 256.93/m ³				=	859400.00
6/7 (ii) Earth shoulder					
Qty 1071.48/m ³ V.P (3)					
@ 256.93/m ³				=	275295.00
7/9 (6) Consol ⁿ of embankment					
with approved material					
Lead 100m					
Qty 946.80 M ³ V.P (4)					
@ Rs 171.09/M ³				=	161988.00
8/6 Lead upto 1000m					
Qty 1420.20 M ³ V.P (4)					
@ Rs 253.57/M ³				=	3,60,120.00
9/8 Consol ⁿ of G.S.B with					
well graded material					
Qty 1134.22 M ³ V.P (5)					
@ Rs 1858.11/M ³				=	2107505.00
10/9 Consol ⁿ of WBM Gr. III					
Qty 202.81 M ³ V.P (4)					
@ Rs 2854.21/M ³				=	573154.00

7692391.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F.			7692391.
Add G _{st} 18%.					1384630.
Add Labour Cess 10%.					= 76924 =
Seigniorage fee					= 85161.00
					9239106 =
less 10% below					= 819239 =
					9239106
20/3/24 J.E. 21/03/24 A.E. 22/3/24 J.E.					
material statement					
B/W - 23 6784 M ³					
G _{st} Stone III (stone) = 242.5					
local sand = 48.19 M ³					
G _{st} Stone = 952.7 M ³					
Screening = 408.3 M ³					
20/3/24 J.E.					

Continuation