N/Scheme:- Construction & 5 yr Maintenance of rd Bagichatola se L047 In Masaurhi Block.

MMGSY (8th)

Measurement Book

Schedule XLV-Form No. 134

M/Cont :- Arun Kumar

______________________ DIVISION

सहा० अभि०:- मसौढ़ी

Agmt:- 26/SBD/2020-21/ SUB-DIVISION

1202

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 measurements relating to each work).

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	1st on A/C				
Name of Work :- Construction and 5 Year Maintenance of road Bagicha Tola se Lal in Mansurchi Block Under MMGSY (SC)					
Name of Agency :- Sri Arun Kumar Meura road Tanapur Khagaul Patna-8011					
Agreement No - 28/SBD/2020-2021					
Date of Start - 18-09-2020					
Date of Completion - 17-06-2021					
Measurement					
1. Pro. and fixing of working Bench mark — — —					EI
	0.500 Km				
2. Pro. and fixing of reference pillars as — — —					EI
	0.500 Km				
3. Clearing and grubbing of road land — — —					EI
	2×22×25.00×1.00 = 1100 m2				
	= 0.11 Hac				
4. Const. of embankment with — — —					EI

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CHAINAGE	Distance (m)	Area (m²)	Mean (m)	Area	Volume (m³)
0	–	1.753	–		–
25	25	1.668	1.711		42.76
50	25	1.761	1.725		42.86
75	25	1.770	1.766		44.15
100	25	1.795	1.783		44.5
125	25	1.822	1.809		45.2
150	25	1.873	1.848		46.18
175	25	1.855	1.864		46.6
200	25	1.741	1.798		44.95
225	25	1.797	1.769		44.2
250	25	1.764	1.781		44.57
275	25	1.929	1.847		46.16
300	25	1.738	1.827		46.46
325	25	1.987	1.888		47.18
350	25	1.861	1.924		48.10
375	25	2.026	1.944		48.58
400	25	1.745	1.886		47.13
425	25	1.964	1.855		46.36
450	25	1.768	1.866		46.65
475	25	2.103	1.936		48.38
500	25	1.791	1.947		48.67
525	25	2.168	1.980		49.48
550	25	1.862	2.015		50.37
560	10	2.213	2.038		20.37
					= 1039.87
Deduct for Sand filling					
22×25.00×3.60×0.100					= 198.00
					= 841.87

29/04/2022

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF = 8	41.87m
Deductions for G.S.B.					
	22 x 25.4 x 3.4 x 0.10 = (-)				189.75m
				= 6	52.12m
Deduction for Gr.III					
Start 1647	1 x	8.00 x	(4.40 + 3.30)/2		= 30.80m2
	1 x	15.00 x	(3.30 + 3.20)/2		= 48.75m2
	1 x	25.00 x	(3.20 + 3.50)/2		= 83.75m2
	1 x	25.00 x	(3.50 + 3.10)/2		= 82.50m2
	1 x	25.00 x	(3.10 + 3.50)/2		= 82.50m2
	1 x	25.00 x	(3.50 + 3.00)/2		= 81.25m2
Turning	1 x	25.00 x	(3.00 + 3.50)/2		= 81.25m2
	1 x	25.00 x	(3.50 + 3.30)/2		= 85.00m2
	1 x	25.00 x	(3.30 + 3.30)/2		= 82.50m2
	1 x	25.00 x	(3.30 + 3.10)/2		= 80.00m2
H/o Mukesh Pdt	1 x	25.00 x	(3.10 + 3.10)/2		= 77.50m2
Turning -	1 x	25.00 x	(3.10 + 3.40)/2		= 81.25m2
	1 x	25.00 x	(3.40 + 3.30)/2		= 83.75m2
	1 x	25.00 x	(3.30 + 3.40)/2		= 83.75m2
	1 x	25.00 x	(3.40 + 3.10)/2		= 81.25m2
Turning	1 x	25.00 x	(3.10 + 3.50)/2		= 82.50m2
	1 x	25.00 x	(3.50 + 3.40)/2		= 86.25m2
	3 x	25.00 x	(3.40 + 3.50)/2		= 258.75m2
Turning	1 x	25.00 x	(3.50 + 4.00)/2		= 92.50m2
	2 x	25.00 x	(3.50 + 3.40)/2		= 172.50m2
	2 x	2.00 x	(3.40 + 3.40)/2		= 13.20m2
					= 1851.50m2
Qty	1851.50 x 0.075 = (-)				138.86m3
				= 5	13.26m3

JE 10/05/2022

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF	513.26m³	
Deductions for Subgrade					
	2×	22×25.00×	0.625×	0.100 =	68.75m³
	2×	22×25.00×	0.625×	0.075 =	51.56m³
				=(-)	120.31m³
			=	392.95m³	
	=	392.95m³			
5. Const. of earthen shoulders with sub grade — EI					
	2×	22×25.00×	0.625×	0.100 =	68.75m³
	2×	22×25.00×	0.625×	0.100 =	51.56m³
				=	120.31
	=	120.31m³			
6. Pro. Sand filling — EI					
	1×	22×25.00×	3.60×	0.100 =	198.00m³
	=	198.00m³			
7. Construct G.S.B with graded — EI					
	1×	22×25.00×	3.45×	0.10 =	189.75m³
	≃	189.38m³			
8. Pro. Laying, Spreading and Compacting Gr III — EI					
Area Vide Page No-3 marked "X"					
	1851.50m²				
Qty	1851.50×	0.075 =	138.86m³		
	=	138.86 m³			
	—	[illegible] 2022		28/10/22	

28/02/56 [illegible]

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Materials statement				
(i) 6/12 C	–		513.26 m3		
(ii) Sand		–	198.00 m3		
(iii) Sand		–	96.58 m3		
(iv) Stone metal –			314.98 m3		
(v) Screening –			40.27 m3		
	[signature] 28/05/2022 JE			[signature] 26/05/22	
	Abstract of cost				
1. Pro. & fixing of working – CI					
	Vide item No-1 PM-1				
0.500 Km @ ₹ 3807.62/Km = ₹					1904.00
2. Pro. & fixing of reference – CI					
	Vide item No-2 PM-1				
0.500 Km @ ₹ 1740.92/Km = ₹					870.00
3. Clearing & grubbing – CI					
	Vide item No 3 PM-1				
0.11 Hac @ ₹ 52970.33/Hac = ₹					5827.00
4. Const. of embankment with materials obtained – CI					
	Vide item No 4 PM-4				
392.95 m3 @ ₹ 190.57/m3 = ₹					74884.00
					₹ 83485.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F	₹ 83,485=00
5. Construct Subgrade and earthen — — CI					
Vide item No-5 PM-4					
120.31 m³ @ ₹ 192.95/m³ = ₹					23130=00
6. Filling in the trench with Coarse Sand — — CI					
Vide item No-6 PM-4					
198.00 m³ @ ₹ 1924.09/m³ = ₹					380970=00
7 Construct G.S.B. with GI					
Vide item No-7					
Page no-4					
189.38 m³ @ ₹ 2463.90/m³ = ₹					466481=00
8. Supply Laying Spreading and Compacting Gr III — — CI					
Vide item No 8 PM-4					
138.86 m³ @ ₹ 3046.15/m³ = ₹					422988=00
					₹ 1277054=00
₹ 12,77,054=00					
28/02/2022 JE					28/02/22