SOHSA CHANDA ROAD TO SARWARPUR
PMGSY ROAD

Schedule XLV-Form No. 134

_____ DIVISION

ATUL KRISHNA SUB-DIVISION

MEASUREMENT BOOK

672

672

प्रमाणित किया जाता है कि इस मापी पु
में कुल मुद्रित पृष्ठ 100 (एक सौ) पन्ने
है जो श्री लालबहादुर सिंह सहायक
अभियंता कार्य अवर प्रमंडल कलेर
के नाम से निर्गत किया जाता है।

08.08.22

कार्यपालक अभियंता
ग्रा०का०वि०(कार्य) प्रमंडल
अरवल
08-08-2022

Sch. XLV - Form No. 134

ARWAL DIVISION

KALER SUB-DIVISION

Measurement Book

No. 672

Name of officer _____

_____

Date of first entry _____

Date of last entry _____

4th n/c Bill

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of works: Construction of road from Chacki Sohsa Charda road to Sarwahpur primary road.					
Agency :- Atul Krishna					
Agreement no's - 94/SBD/primary/2020					
Date of commencement 24/2/2020					
Date of completion 23/11/2020					
Date of entry :- 8/3/2022					
1. Provision & fixing of reference mark pillars					
1nos					
2. Excavation for road work in soil with hydraulic excavator ... all side					
2x1x30.00x.525x.10 = 3.15m³					
2x5x30.00x.375x.175 = 19.687m³					
= 22.837m³					
3. Construction of granular sub-base by the work order 3x1 widening					
2x1x30.00x.525x.20 = 6.30m³					
2x5x30.00x.375x.10 = 11.25m³					
1x30.00x3.35x.10 = 10.05m³					
= 27.60m³					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4. Providing Shoulder and					
compacting stone aggregates					
2x5x	30.00x	.225x	.025 =	8.44m²	
1x30.00 x 3.35x.025m = 7.54m²					
				=15.98m²	
5. Construction of unreinforced					
dowel joint at expansion					
14.00 x	(4.00+3.05)/2	x.16	= 7.896m²		
1X30.00	x3.50	x.16	= 16.80m²		
1x 30.00	x3.25	x.16	= 15.60m²		
1x30.00	x3.35	x.16	= 16.08m²		
1x30.00	x3.75	x.16	= 18.00m²		
1x30.00	x3.50	x.16	= 16.80m²		
1x 30.00	x 4.50	x.16	= 21.60m²		
1x 15.00	x3.35	x.16	= 8.04m²		
1x15.00	x4.50	x.16	= 10.80m²		
3x 30.00	x3.75	x.16	= 54.00m²		
1X6.00m	x 3.50m	x.16	= 3.36m²		
			= 189.576m²		188.976
6. Providing and applying primer					
coat with bitumen emulsion (SS-1)					
1x11.00m x	(5.45+3.75)/2		= 50.60m²		
5x1 x 30.00x3.75m			= 562.50m²		
1x 30.00	x3.05m		= 91.50m²		
1x30.00m	x3.05m		= 91.50m²		
1x 30.00m	x 3.50m		= 105.00m²		
1x 30.00m	x3.65m		= 109.50m²		

Continuation

Sch. XLV-Form No. 134

Particulars	No.	L.	B.	D.	Contents of area
450	1.952	2.038		50	101.90 m²
500	1.831	1.888		50	94.40 m²
550	1.735	1.815		50	88.75 m²
600	1.905	1.814		50	90.75 m²
650	2.110	2.027		50	100.35 m²
700	1.950	2.045		50	102.25 m²
		=			1575.70 m²
Less					
(i) GSB	—	265.815 m²			
(ii) GSB(II)	—	163.166 m²			
(iii) PCC	—	188.936 m²			
(iv) Sub-grade	—	105.50 m²			
		(-) = 724.45 m²			
		Net Qty E/w = 850.75			= 671.245 m²
(i) E/w Qty for 1000m lead		53.851 m²			= 179.505 m²
179.505 ~~850.75~~ X .30		= ~~255.225~~			
(ii) E/w Qty for 100m lead		125.653 m²			
179.505 ~~850.75~~ X .70		= ~~595.525~~ m²			
11. Construction of sub grade & shoulder					
2x5x30.00x1.325x.20 = 79.50 m²					
2x5x30.00x1.20x.075 = 27.00 m²					
		= 106.50 m²			
12. (i) Km stone — 2 nos					
(ii) 200m stone — 2 nos					
13. (i) 600mm equilateral triangle — 6 nos					
(ii) 600mm circular — 4 nos					
(iii) 600mm x 450mm rectangular — 2 nos					
14. P/L of sign board/information board — 1 nos					
15. Reinforced cement concrete M15 boundary pillar					
		— 8 nos			
16. P/L Road marking with hot applied thermoplastic					
BT (i) 2x13x30.00 x 0.10 = 78.00 m²					
2x1x15.00 x 0.10 = 3.00 m²					
		= 81.00 m²			
CC (ii) 2x10x30.00 x 0.10 = 60.00 m²					
2x1x20.00 x 0.10 = 4.00 m²					
		= 64.00 m²			

[signature] 5/3/2022

JE

Abstract of cost

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
1. Setting out cost of formation & working bench marks					
as per item no (1) page 15					
			= 1 hrs		
		@ Rs	3489.48 hrs		3489=00
2. Plug fixing of formation pillars					
as per item no (2/2) page 15					
			= 2 nos		
as per item no (1) page 20					
			= 1 nos		
		@ Rs	1588.03 / nos		4764=00
3. clearing of grubbing road land job					
as per item no (3/3) page 15					
			= .2625 Hects		
		@ Rs	49,496.70 / Hects		12,993=00
4. Excavation for road work in soil with hydraulic					
as per item no (4) page 16					
			= 16.54 m²		
as per item no (2) page 20					
			~~= 22.837 m²~~		
			= 39.377 m²		
		@ Rs	74.10 / m² Rs		2918=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17/28. P/L bed wall in brick					
masonry (1:4) 3-6					
Qty vide item no 17/28 Page 27					
			= 28.64 m²		
		@ Rs 5351.59 / m²			1,50,059=00
18/29. P/L and laying RCC pipe					
NP3 300					
Qty vide item no (18/29) Page 27					
			= 15.00 m		
		@ Rs 2637.93 / m			39,570=00
19/30. P/L plaster with CM (1:4)					
to 3/6					
Qty vide item no (19) Page 5					
		= 28.64 m²			
		@ Rs 132.04 / m²			3,710=00
				Rs 31,38,304=00	
	Add Cost 12% Rs			3,76,596=00	
	Add LC	1% Rs		31,383=00	
				Rs 35,46,283=00	
Less 10% below as per					
	agreement	(-)		3,54,628=00	
			Rs 31,91,655=00		
Less previous bill		Rs	22,52,101=00		
			Rs 9,39,554=00		
			13/01/2023		