

197-12-ND-3343

Schedule XLV Form No. 134.

४९२६ → ४९९९ दिनांक ११/६/९९

DIVISION

87 2179 21-702 18811 4210 3772

SUB-DIVISION

Stellerg.

Measurement Book

77-B-V-O-3346

1st on A/c bill

1

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 Lishampur Kateshar path to Jatu Brahmansthan Se Purab Jambhwal Sadak me Rameshwar Singh ke dalan tak Under MMSU (SC) at block Jalandpur.					
N/Agency— Smt. Lal Sahani					
Agg. No— 89/SAD/2020-21					
Date of start — 29.07.2020					
Date of completion — 28.04.21					
Date of measurement — 05.04.2021,					
Items of works					
(1) PIV & fixing of working benchmark pillar = 0.330 Km.					
(2) clearing & grubbing of road land,					
$2 \times 5 \times 30.00 \text{ m} \times 1.00 \text{ m} = 300.00 \text{ m}^2$					
$2 \times 5 \times 30.00 \text{ m} \times 1.00 \text{ m} = 300.00 \text{ m}^2$					
$2 \times 1 \times 10.00 \text{ m} \times 1.00 \text{ m} = 20.00 \text{ m}^2$					
Total = 620.00 m ²					
= 0.062 Hectr					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Box cutting - Excavation for road way in Soil using manual means.					
2x 5x30.00m x 0.375m x 0.10m =					11.25 m ³
2x 4x30.00m x 0.375m x 0.10m =					9.00 m ³
2 x 1x6.00m x 0.10m =					0.20 m ³
				Total	20.45 m ³
(4) Construction of embankment - approx with material obtained from deposited from road way cutting					

= 60% of Excavated Earth	
= 60% of 20.45 m ³	
= 12.27 m ³	

(5) Construction of embankment with material obtained from borrow pit with a lead upto 1000m.	
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2x 6x30.00m x 1.200m x 0.300m =	129.60 m ³
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(6) Construction of granular sub-base by partially coarse graded material.	
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on box cutting,	
2x 5x30.00m x 0.375m x 0.10m =	11.25 m ³

$$2x 40 = 11.25 m^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			$8.4 \times 8.15 = 11.25 \text{ m}^2$		
2x	4x30.00m	x	0.375m	x	0.10m = 9.00m ³
2x	1x10.00m	x	0.10m	x	0.10m = 2.00m ³
for profile correction					
	4x3.50m	x	2.50m	x	0.10m = 3.50m ³
Extra width at H-curve					
2x	4.50m	x	0.400m	x	0.10m = 0.36m ³
Total =					24.31m ³

(7) P/V, Laying, Spreading & Compacting of WBM-3					
1x	5x30.00m	x	3.75m	x	0.075m = 42.18m ³
1x	4x30.00m	x	3.75m	x	0.075m = 33.75m ³

	1x1x10.00m	x	$\frac{3.55m + 2.85m}{2}$	x	0.075m = 2.40m ³
Extra width at H-curve					
2x	4.50m	x	0.400m	x	0.075m = 0.27m ³
Total =					78.60m ³

(8) Construction of unreinforced plain cement concrete pavement as per technical specifications,					
1x	5x30.00m	x	3.75m	x	0.160m = 90.00m ³
1x	4x30.00m	x	3.75m	x	0.160m = 72.00m ³
1x	1x10	x	$\frac{3.55m + 2.85m}{2}$	x	0.160m = 5.12m ³
Extra width at H-curve					
2x	4.50m	x	0.400m	x	0.160m = 0.57m ³
Total =					167.69m ³

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost -</u>					
<u>1</u> 1. Plr & fixing of working Bench mark pillars.					
0.330 cum, vide TMBP-1					
① Rs 5932.85/cum					1958.00
<u>2</u> 2. clearing & grubbing of road land.					
0.062 Hect, vide TMBP-1					
① Rs 51133.76/Hect					3170.00
<u>3</u> 3. Box cutting - excavation for roadways in soil					
Using manual means.					
20.45 m ³ , vide TMBP-2					
① Rs 126224/m ³					258220
<u>4</u> 4. construction of embank- ment with approved material deposited from roadways cutting					
12.27 m ³ , vide TMBP-2					
① Rs 8836/m ³					1084.00
<u>5</u> 5. construction of embankment with material obtained with lead upto 100m					
129.60 m ³ , vide TMBP-2					
① Rs 18430/m ³					23885.00
Total					Rs 32,679.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BIF	Rs 32,679.00
<u>6/7</u> Construction of granular sub-base by providing coarse graded material.					
24.31 m ³ , vide TMBP-3					
				Rs 3228.94/m ³	Rs 78,496.00
<u>7/8</u> P.V. laying, spreading & compaction of WBM-3					
78.60 m ³ , vide TMBP-3					
				Rs 3939.52/m ³	Rs 3,09,646.00
<u>8/9</u> Construction of unreinforced plain					
Leak Concrete pavement with 10% asphalt					
Technical specifications					
167.69 m ³ , vide TMBP-3					
				Rs 7562.20/m ³	Rs 12,68,105.00
<u>9/10</u> P.V. & laying R.C.C. pipe duct 300 mm dia across the road					
4.00 Km, vide TMBP-4					
				Rs 836.72/m	Rs 3347.00
<u>10/12</u> P.V. & laying R.C.C. in grade kilometers					
01 Km, vide TMBP-4					
				Rs 2201.96/Km	Rs 2202.00

40 Rs 16,94,478.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/P	P/S	16,94,475 = 6
$\frac{11}{13}$ P/V & fixing 200 m stones					
01 No, vide TMBP-4					
			620296	No-B	62120
$\frac{12}{14}$ P/V & fixing of retro-reflectonised traffic sign - 600mm equi-lateral triangle					
01 No, vide TMBP-4					
			3582	12/No-B	358220
$\frac{13}{15}$ 600mm Circular					
01 No, vide TMBP-4					
			474023	No-B	474020
$\frac{14}{16}$ 600mm x 450mm rectangle					
01 No, vide TMBP-4					
			464372	No-B	464420
$\frac{15}{19+21}$ P/V & fixing of typical mm GSY information sign board with logo					
02 Nos, vide TMBP-4					
			9344284	No-B	18,69020
			Total	P/S	17,26,7520
					C/O Rs 17,26,75200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BIF	Rs	17,26,752=00
					/
			Total	Rs	17,26,752=00
	Less	18.36%	(below)	- Rs	3,17,032=00
				Rs	14,09,720=00
	Add	12% (GST)	-	+ Rs	1,69,166=00
	Add	1% L.Ces		+ B	14,097=00
	Add	S. Fee		+ B	15795=00
Net payable amount			Total	Rs	16,08,778=00
	(Rupees)	Sixteen lakh,			
		Eight thousand, seven hundred			
		& seventy eight) only.			

5/10/24
(J.E)

