

MISSY NDB-BRRP-260

11.B.NO-3374

20010.2

Sheedule XLV Form No. 134.

ਪੰਜਾਬੀ ਸਾਹਿਤ

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DIVISION

SUB-DIVISION

ਪੰਜਾਬੀ

Measurement Book

11.B.NO-3374

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road: -	T. S. Nagar Thana to Purnab				
	K. S. Nagar R. S. Nagar to S. Tek.				
Length: -	0.760 km				
Agency: -	Sri. Rajeshwar Singh				
Agreement No. -	84/SB/D/2020-21				
Date of start: -	05/12/2020				
Date of completion: -	04/12/2021				
Date of entry: -	02/12/2021				

Work done					
upto date Measurement: -					
① Const. of G.S.D. by P.V. 10211					
graded Material - - - - -					
$1 \times 7.00 \times \left(\frac{6.00 + 3.75}{2} - 3.75 \right) \times 0.10 = 0.79 \text{ cum}$					
$1 \times 25.00 \times \left(\frac{3.75 + 4.20}{2} - 3.75 \right) \times 0.10 = 0.56 \text{ cum}$					
$1 \times 25.00 \times \left(\frac{4.20 + 3.75}{2} - 3.75 \right) \times 0.10 = 0.56 \text{ "}$					
$1 \times 5.00 \times \left(\frac{4.70 + 3.75}{2} - 3.75 \right) \times 0.10 = 0.24 \text{ "}$					
$2 \times 20.00 \times 0.475 \times 0.10 = 1.90 \text{ "}$					
4.05 cum					
② P.V. Leasing spreading and comping					
Stone aggregate - - - - -					
$1 \times 7.00 \times \left(\frac{6.00 + 3.75}{2} - 3.75 \right) \times 0.075 = 0.59 \text{ cu}$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x 25.00 x $\frac{(3.75+4.20)}{2} \times 0.075$					0.42 cum
1x 25.00 x $\frac{(4.20+3.75)}{2} \times 0.075$					0.42 cum
1x 5.00 x $\frac{(4.70+3.75)}{2} \times 0.075$					0.18 "
1x 20.00 x 2.25 x 0.075					5.63 "
					7.24 cum
3) Cont of Unreinforced Road					
Joint at expansion - Eff					
1x 5.00 x $\frac{(4.70+3.75)}{2} \times 0.160$					3.38 cum
1x 10.00 x $\frac{(3.75+3.60+2.80)}{3} \times 0.160$					5.41 "
1x 25.00 x 2.20 x 0.160					11.20 "
1x 15.00 x $\frac{(2.80+3.60)}{2} \times 0.160$					7.68 "
1x 13.00 x $\frac{(3.60+3.75)}{2} \times 0.160$					7.64 "
					35.31 cum
4) Laying brick solar layer on prepared subgrade - Eff					
2x 3x4 x 25.00 x 0.250					150.00 sqm
2x 3x4 x 25.00 x 0.250					150.00 sqm
1x 25.00 x 0.250					6.25 "
1x 25.00 x 0.250					6.25 "
1x 30.00 x 0.250					7.50 "
					320.00 sqm
5) Road Marking with hot applied thermoplastic					
2x 7.00 x 4x 25.00 x 0.100					140.00 sqm
6) Km Stone					
					02 No

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ 200m Stone					
		Bty	—	—	03 No.
⑧ 600mm equilateral triangle					
		Bty	—	—	06 No.
⑨ 600mm Circular					
		Bty	—	—	04 No.
⑩ Boundary pillar					
		Bty	—	—	08 No.
⑪ 600mm x 450mm rectangular					
		Bty	—	—	02 No.
⑫ MMBSY BRICKS (NDB)					
informalory Singh born					
		Bty	—	—	03 No.

Earth work Bty sheet					
SL. No.	Chain age	Area	Mean Area	Distance	Volume
1.	0.00	2.614			
2.	50.00	2.921	2.768	50	138.375
3.	100.00	3.097	3.009	50	150.450
4.	150.00	3.083	3.090	50	154.500
5.	200.00	2.590	2.837	50	141.825
6.	250.00	3.084	2.837	50	141.850
7.	300.00	2.995	3.040	50	151.925
8.	350.00	3.113	3.054	50	152.700
9.	400.00	2.896	3.005	50	150.225
10.	450.00	3.414	3.155	50	157.750
11.	500.00	3.081	3.248	50	162.375

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12.	550.10	3.026	3.054	50	152.675
13.	600.00	2.715	2.871	50	143.525
14.	650.00	2.426	2.571	50	128.525
15.	700.00	2.781	2.604	50	130.135
Total e/o Qty (with vent)					2056.925 cu
Less (C.S.D. E)					81.21 cu
WDM br-3 (-)					169.26 cu
PCC - (-)					416.14 cu
Hand shoulder (-)					40.10 "
Net e/o Qty					1350.315 cu
Say -					1350.32 cu
① Cont. of Embankment - -					
Lead up to 100m					
Qty					303.94 cu
② Cont. of Embankment - e/o					
Lead up to 100m					
Qty					709.20 cu
③ Cont. of subgrade - - e/o					
Qty					337.18 cu
Total					
02/12/2021					
JE					

Continuation

ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Setting out of bench marks.					
01 No. vide MD page-1					
@ Rs 3826 = 29/each					Rs 3826 = 0
② Const. of Reference pillar					
03 No. vide MD page-1					
@ Rs 1765 = 23/each					Rs 1765 = 0 5296 = 0
③ Clearing and grubbing land					
Land - - - - -					
0.266 Hec vide MD page-1					
@ Rs 52970 = 33/Hec					Rs 14090 = 0
④ Excavation for roadway					
Soil - - - - -					
46.92 cum vide MD page-2					
@ Rs 75 = 57/cum					Rs 5813 = 0
⑤ Const. of Embankment					
- - - - -					
303.94 cum vide MD page-19					
@ Rs 190 = 07/cum					Rs 57770 = 0
⑥ Const. of Embankment - - -					
709.20 cum vide MD page-19					
@ Rs 154 = 28/cum					Rs 109415 = 0
⑦ Const. of subgrade - - -					
337.18 cum vide MD page-19					
@ Rs 191 = 76/cum					Rs 64658 = 0
⑧ Const. of G.S.D. by P.V. Wall guard					
Material - - - - -					
77.16 cum vide MD page-4					
4.05 cum vide MD page-16					
81.21 cum					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@R 2787 = 73/cm —					R 226392 = 0
⑨ p/v laying spreader and					
compacting stone aggregates — 21					
162.02 cum wide MB P-5					
7.24 cum wide MB P-17					
169.26 cum					
@R 3944 = 76/cm —					R 667690 = 0
⑩ Const of un-reinforced					
dowel joints at expansion — 21					
380.83 cum wide MB P-11					
35.31 cum wide MB P-17					
416.14 cum					
@R 7177 = 77/cm —					R 3975250 = 0
⑪ Laying brick soling layer on					
prepared subgrade — E/1					
320.10 57m wide MB P-17					
@R 479 = 87/sqm —					R 153558 = 0
⑫ Road Marking with hot					
applied thermoplastic — 21					
140.10 57m wide MB P-17					
@R 721 = 95/sqm —					R 101073 = 0
⑬ Earthwork in excavation					
— — — E/1					
18.63 cum wide MB P-2					
@R 273 = 09/cm —					R 5199 = 0
⑭/21 Type D (first class) Deddy					
— — — — —					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2.13 cum vld m ₂ p-3					
@R 493 = 78/cum ——— R					1052 = W
(15/22) p/v concrete for p/v of reinforced concrete — 21.					
1.55 cum vld m ₂ p-3					
@R 5643 = 83/cum ——— R					8748 = W
(16/23) Brick masonry work in CM (1:4) in H.W					
14.02 cum vld m ₂ p-3					
@R 5604 = 86/cum ——— R					78580 = W
(17/24) p/v and laying pipe for culvert					
7.50 m vld m ₂ p-3					
@R 2650 = 27/m ——— R					19877 = W
(18/25) plastering with cm (1:3) 15mm thick on brickwork					
14.02 sqm vld m ₂ p-3					
@R 150 = 68/sqm ——— R					2113 = W
(19/26) painting two coats including primer coat — 21					
14.02 sqm vld m ₂ p-3					
@R 137 = 83/sqm ——— R					1960 = W
(20/27) 15mm stone					
02 No. vld m ₂ p-3 - 17					
@R 2257 = 06/each ——— R					4514 = W
(21/28) 200 mm stone					
03 No. vld m ₂ p-3 - 18					
@R 624 = 12/each ——— R					1863 = W

Continuation

Continuation