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R.W.D. work Sub-Division - Nabimagar.

5/12/19
Executive Engineer

Rural Works Divn. m

Work Division m had

5/12/19

Schedule XLV - Form No. 134.

F.E. Aurangabad DIVISION.

A.E. Nabimagar. SUB-DIVISION.

MEASUREMENT BOOK.

212297

(2542)

Name of officer

Sri Dinesh pd. Singh. Ac.

Nabimagar.

Date of form entry

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 commence-
 ment of the measurements relating to each work.

Particulars	Details of actual measurement				Contents in area
	No.	L	B.	D.	
bt on HCP/11 M/W - Construction of Road from Chandigarh Municipal Pmsy to Social center Pmsy (SC) Agency - Chandigarh Municipal Pmsy Agreement No. 625450 2020-21 Agreement Value Rs. 1,42,99,506.00 Date of Start - 08.8.2020 Date of Completion - 04.08.21 MEASUREMENT.					

① Dimensions of free access road					
Bench mark = 3110					
① Dimension of free access					
Reference pillar = 8110					
② Clearing and grubbing					
Soil land					
Main 21m x 61m x 3.50m = 12810.00m ²					
2nd 8m x 3.50m = 56.00					
Leak 21m x 5m x 3.50m = 1050.00					
21m x 2m x 3.50m = 137.00					
14070.00m ²					
1.41 Hec.					
③ Excavation for construction					
of embankment at Chandigarh					
obtained from borrow pits					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
S10 - C2 - Filling - 11/11/19 - 11/11/19 - 11/11/19 - 11/11/19 - 11/11/19 - 11/11/19					
28	1350	1.088	0.895	50	44.925
29	1400	0.858	0.973	50	48.650
30	1450	0.852	0.853	50	42.75
31	1500	0.953	0.903	50	45.125
32	1550	0.961	0.957	50	47.85
33	1600	0.862	0.912	50	45.575
34	1650	1.165	1.014	50	50.70
35	1700	0.959	1.063	50	53.125
36	1750	0.885	0.922	50	46.10
37	1800	0.842	0.864	50	43.125
38	1850	0.802	0.822	50	41.10
39	1900	1.152	0.977	50	48.85
40	1950	0.896	1.024	50	51.20
41	2000	0.892	0.894	50	44.70
42	2010	1.087	0.990	10	9.895

2410.62m³⑤ for 100m lead = 1277.63m³⑥ for 100m lead = 1132.89m³

⑦ Construction of Sub grade and Earthen Shoulder.

CH 0 to 465 M.

155m x 30m x 7.20m x 0.30m = 976.50m³

CH 863M to 1588M

CH 1113M to 1838M

244m x 7.25m x 0.30m x 30m = 1566.00

5m x 7.25m x 0.30m = 10.875

2533.375m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑥ Granular Sub Base layer					
Well graded material - P					
0 to 180 m					
$6m \times 30m \times 4.05m \times 0.20m = 145.80$					
CH 180m to 465 m					
$9m \times 30m \times 4.05m \times 0.20m = 218.70$					
$15m \times 4.05m \times 0.20m = 12.15$					
CH: 465m to 715m					
$8m \times 30m \times 4.05m \times 0.20m = 194.40$					
$10m \times 4.05m \times 0.20m = 8.10$					
CH: 715m to CH 848m					
NIL NO WORK					
$4m \times 4.05m \times 0.10m \times 30m = 48.60$					
$15m \times 4.05m \times 0.10m = 5.265$					
CH: 848m to CH 1113m					
GAP NIL NO WORK					
CH 1113m to 1838m					
$24m \times 30m \times 4.05m \times 0.20m = 583.20$					
$5m \times 4.05m \times 0.20m = 10.81$					
1173.1645					
⑦					
⑧ Providing laying, spreading and compacting stone aggregate of specific size 40mm-3					
0 to 180 m					
$6m \times 30m \times 3.75m \times 0.075m = 50.6250$					
CH 180m to 465 m					
$9m \times 30m \times 3.75m \times 0.075m = 75.94$					
$15m \times 3.75m \times 0.075m = 4.22$					
CH 465m to 715m					
$8m \times 30m \times 3.75m \times 0.075m = 67.50$					
$10m \times 3.75m \times 0.075m = 2.81$					
Continuation					
201.0950					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					DIP 201.095m ³
CH 715M to CH 848M					
					NIL NO WORK
CH 848M to 1113M					
					NIL NO WORK
CH 1113M to 1838M					
24m x 30m x ^{3.75m} 0.075m = 202.50m ³					
5m x 3.75m x 0.075m = 1.41"					
					405.005m ³

⑧ Provide & fixings

Logo of Project = 2m x

5m x 5m

Abstract of Cost

① Provide & fixings of working bench mark

3m x 4m x 0.075m (1) (1) (1)

Cy 4036.8/100 = 12111 = 10

② Provide & fixings of concrete pillar

3m x 4m x 0.075m (1) (1) (1) (1)

Cy 1837.8/100 = 14703 = 10

③ Clear & brushy land (1)

1.41 Hec. x 0.075m (2) (1) (1)

Cy 5133.76/100 = 72099 = 10

9 98,913 = 10

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
③ Construction of embankment shoulder for 100m length				5
1132.88 m ³ of pile 96m				98913 = 2
				CS 131.03/m ³ → 148456 = 2
④ Construction of embankment shoulder for 1000m length				
1277.63 m ³ of pile 96m				⑤ 640 ①
				CS 174.94/m ³ → 223509 = 2
⑤ Construction of subgrade & 600mm shoulder				
2533.37 m ³ of pile 96m				⑤ 640 ③
				CS 176.58/m ³ → 447343 = 2
⑥ Granular sub base with well graded material				
1173.16 m ³ of pile 96m				⑥ 640 ④
				CS 2838.55/m ³ → 33,30073 = 2
⑦ Primer layer spreader and compacting stone aggregate				
405.005 m ³ of pile 96m				⑤ 640 ⑤
				CS 3890.91/m ³ → 16,16,339 = 2
⑧ Primer of free loam of 100mm				
2m of pile 96m				⑤ 640 ⑥
				CS 89244.31/m ³ → 18689 = 2
				CS 58,83,322 = 2
less 10% below				CS 588332 = 2
				CS 52,94,990 = 2

Continuation

5/3/21
 SE
 13/3/21
 CSP
 Chikilipah
 13/3/21