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To Sri. Dinesh P. D. Singh A.E- R.W.D
Work Sub-Div. Nabinagar

10/10/20
Executive Engineer
Rural Works Department
Works Division Aurangabad

10/10/20

Schedule XLY - Form No. 134.

E.G. R.W.D. Aurangabad DIVISION.

A.E. Nabinagar. SUB-DIVISION.

MEASUREMENT BOOK.

m.b./10
211273 2660

Name of allottee Sri Dinesh P. D. Singh

A.E. Nabinagar.

Date of first entry

Date of last entry

विद्या प्रगतिष्ठेति धेनुः, यज्ञः ।

Name of work -
 Situation of work -
 Agency by which work is executed -
 Date of measurement -
 Day 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				Contents or area
	No.	L.	B.	D.	
(Particulars)					
Work in ...					
From ...					
MM 454 (SC)					
Agency ...					
Agreement No.					
Agreement Date					
Date of ...					
Date of ...					
MEASUREMENT					

① ...
 ... = 2.25

② ...
 ... = 4.25

③ ...
 ... = 6.300 m
 = 0.63 Hec

④ ...
 ...
 ... = 724.50 m
 ... = 217.35 m³

⑤ ...
 ...
 ... = 507.15 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑥ Gravel	1	3.05	3.05	6.97	6.97
Gravel					
1.5m x 3.75m		1.5	3.75		56.25m ²
11.8m x 3.75m		11.8	3.75		44.25m ²
8.70m x 3.70m		8.70	3.70		32.13
8.65m x 3.10m		8.65	3.10		26.82
5.25m x 3.10m		5.25	3.10		16.28
3.40m x 5.25m		3.40	5.25		17.85m ²
Gravel					
					13.28m ²
16.00m x 2.25m		16.00	2.25		36.00
12.30m x 2.30 + 2.80		12.30	2.30 + 2.80		37.50
5.50m x 9.10m		5.50	9.10		50.05
14.25m x 3.25 + 3.60 + 5.20		14.25	3.25 + 3.60 + 5.20		59.14
28.00m x 4.50 + 4.10 + 7.10		28.00	4.50 + 4.10 + 7.10		153.07
9.50m x 3.70		9.50	3.70		35.15
15.40m x 3.60m		15.40	3.60		55.21
18.00m x 2.45m		18.00	2.45		44.10
16.00m x 2.00 + 2.10		16.00	2.00 + 2.10		33.60
13m x 3.50 + 3.50		13	3.50 + 3.50		58.50
8.75m x 3.00m		8.75	3.00		11.25
					121.85m x 0.10m
					764.98
					76.50
					121.85m ³
④					
BES = 3m x 3.0m x 3.75m x 0.10m		3	3.0	3.75	33.75m ³
BES = 26.10m x 3.75m x 0.10m		26.10	3.75	0.10	9.79
BES = 10.00m x 6.90m x 0.10m		10.00	6.90	0.10	6.90
Earth 8m x 3.0m x 4.05m x 0.20m		8	3.0	4.05	194.40
Earth 19.40m x 4.05m x 0.20m		19.40	4.05	0.20	15.71
Earth 3m x 3.0m x 4.05m x 0.20m		3	3.0	4.05	72.90
					5m x 4.05m x 0.20m x 4.05
Continuation					337.50m ³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				190.4142	
16.00m x 2.25m =			36.00m ²		
12.30m x $\frac{2.30+3.80}{2}$ =			37.50 "		
5.50m x 9.10m =			50.05 "		
14.25m x $\frac{3.65+3.6+5.20}{3}$ =			59.14 "		
28.00m x $\frac{4.80+4.40+7.20}{3}$ =			153.07 "		
9.50m x $\frac{3.70}{2}$ =			35.15 "		
15.40m x 3.65m =			56.21 "		
18.00m x 2.45m =			44.10 "		
16.00m x $\frac{2.00+2.20}{2}$ =			33.60 "		
19m x $\frac{3.50+5.50}{2}$ =			58.50 "		
3.75m x 3.00 =			11.25 "		
				764.98m ² x 0.16m	
				= 122.4045	

⑨ Pro-accus of the facing L & F of
 9/14/14 ST project 21105

⑩ E/c of the excavation in
 foundation trenches

HL 3m x 2m x 3.5m x 1.5m x 0.5m = 40.37m³
 Balokite 3m x 5.25m x 1.13m x 0.365m = 6.620
 46.99m³

⑪ Primary N/S as boundary concrete

HL 3m x 2m x 3.5m x 1.13m x 0.5m = 4.04m³
 Balokite 3m x 5.25m x 1.13m x 0.25m = 4.50 "
 8.54m³

⑫ Plain/bed of concrete concrete
 in 2.55m x 6m

HL 3m x 2m x 3.6m x 0.2m x 0.8m = 4.203m³
 Balokite 3m x 2m x 3.6m x 0.4m x 0.6m = 5.18 "
 28/11/14 3m x 2m x 0.78m x 0.53m x 0.72m
 45.51m³

Sch. XLV-Form No. 134

[illegible]

					Abstract of Cost
①	Primary and freey bene morie				
	2nd of 1856 to 1840				
					2812.5000 - 17625 = 0
②	Primary and freey 2nd of 1856 to 1840				
	4th of 1856 to 1840				
					3172.2200 - 690120 = 0
③	Clear 2nd of 1856 to 1840				
	0.63400 of 1856 to 1840				
					51133.76 / 1000 - 32214 = 0
④	Constitution of 1856 to 1840				
	217.3500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑤	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑥	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑦	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑧	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑨	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑩	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑪	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑫	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑬	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑭	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑮	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑯	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑰	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑱	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑲	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
⑳	Constitution of 1856 to 1840				
	507.1500 of 1856 to 1840				
					176.5800 - 383800 = 0
\					
					1,56,714 = 0

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
		M.P. 3			156 71420
(6) Gravel for subgrade layer					
Round material					
500.38 m ³ qty. 1.66 m (6) P. 4 (3)					
C.S. 2268.41/m ³ -					118520520
(7) Primer for 15% gravel and					
concrete layer for 15% gravel					
257.64 m ³ qty. 1.66 m (7) P. 4 (3)					
C.S. 3626.75/m ³ -					93426720
(8) Concrete of 41.2 m ³ for					
placement concrete pavement					
122.40 m ³ qty. 1.66 m (8) P. 4 (4)					
C.S. 5931.56/m ³ -					72602320
(9) Primers and filling					
Layer for 15% gravel					
210 m ³ qty. 1.66 m (9) P. 4 (4)					
C.S. 9207.21/m ³ -					1841420
(10) Gravel for 15% gravel					
46.99 m ³ qty. 1.66 m (10) P. 4 (4)					
C.S. 269.32/m ³ -					1265520
(11) Primer for 15% gravel					
8.5 m ³ qty. 1.66 m (11) P. 4 (4)					
C.S. 4636.68/m ³ -					39597200
(12) Plain/reinforced concrete					
concrete for substructure					
45.51 m ³ qty. 1.66 m (12) P. 4 (4)					
C.S. 5426.11/m ³ -					24694200
(13) Primers and concrete for 15%					
22.00 m ³ qty. 1.66 m (13) P. 4 (5)					
C.S. 9803.11/m ³ -					22057200
Continuation 33, 47, 87 420					

[illegible]

Measurement			
① Amphoteric gel of 10% primer			
Coag casting of butyral emulsion SS,			
3.40 x 3.00 x 3.75 m	=	337.50 m ²	
2.60 x 3.75 m	=	97.875 m ²	
10.00 x 6.90 m	=	69.00 m ²	
8.10 x 3.00 x 3.75 m	=	900.00 m ²	
19.40 x 3.75 m	=	72.75 m ²	
3.40 x 3.00 x 3.75 m	=	337.50 m ²	
5.20 x 3.75 m	=	18.75 m ²	
4.40 x 3.00 x 3.75 m	=	450.00 m ²	
3.40 x 3.00 x 3.75 m	=	337.50 m ²	
17.00 x 2.90 m	=	49.30 m ²	
		2670.125 m ²	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>② Primary and Secondary Poly Area</u>					
<u>Comp area of primary & secondary area</u>					
3111x30m		3.75m			337.50m ²
26.10m		3.75m			97.875m ²
10m		6.90m			69.10m ²
8111x30m		3.75m			900.125m ²
19.40m		3.75m			72.75m ²
3111x30m		3.75m			337.50m ²
5m		3.75m			18.75m ²
4111x30m		3.75m			450.125m ²
3111x30m		3.75m			337.50m ²
17.00m		2.90m			49.30m ²
					2670.175m ²

③ New Land Surface Determination

3111x30m		3.75m			337.50m ²
26.10m		3.75m			97.875m ²
10m		6.90m			69.10m ²
8111x30m		3.75m			900.125m ²
19.40m		3.75m			72.75m ²
3111x30m		3.75m			337.50m ²
5m		3.75m			18.75m ²
4111x30m		3.75m			450.125m ²
3111x30m		3.75m			337.50m ²
17.00m		2.90m			49.30m ²
					2670.175m ²

④ Road Marginal Area of Poly Area
Thermoplastic Contour.

2111x3111x30m		0.10m			19.00m ²
2111x26.10m		0.10m			3.22m ²

Continuation

21.22m²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
			21F		21.22 m
2 m x 10 m x 0.10 m					2.00 m
2 m x 8 m x 0.10 m					48.00 "
2 m x 19.40 m x 0.10 m					3.38 "
2 m x 3 m x 0.10 m					18.00 "
2 m x 5 m x 0.10 m					1.00 "
2 m x 4 m x 0.10 m					24.00 "
2 m x 3 m x 0.10 m					18.00 "
2 m x 17.00 m x 0.10 m					3.40 "
					139.50 m

⑤ Road Moulding last 10 m

of black thermoplastic

$$2 m \times (5.4 + 11.80 + 8.90 + 8.65 + 5.25 + 3.40 + 16.40 + 12.30$$

$$+ 9.10 + 14.25 + 28.10 + 7.50$$

$$+ 15.40 + 18.00 + 16.00 + 13.10 + 3.10)$$

$$\times 0.10 m = 41.51 m^2 \text{ Set 400 cm}$$

⑥ Protection and safety of 200 m of cement concrete sidewalk = 200 m

⑦ Excavation in preparation of trenches

$$H.D. 2 m \times 3.90 m \times 1.5 m \times 1.5 m = 13.455 m^3$$

$$\text{Bluff 1 m} \times 5.35 m \times 1.13 m \times 0.35 m = 2.207 "$$

$$15.6625$$

⑧ Protection of 15 m of concrete base

$$H.D. 2 m \times 3.90 m \times 1.5 m \times 0.15 m = 1.29 m^3$$

$$\text{Bluff 1 m} \times 5.35 m \times 1.13 m \times 0.25 m = 1.50 "$$

$$2.85 m^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑨ Plain/Reinforced concrete concrete in Substructure					
HW 2.11m x 3.60m x 0.70m x 2.78m = 14.01 m ³					
2.11m x 3.60m x 0.40m x 0.60m = 1.73 "					
					15.74 m ³
2.05 m x 2.05 m x 0.53 m = 0.57 "					
					15.17 m ³
⑩ Primary and secondary reinforcement in columns					
		2.11m	2.50m	7.50m	
26/8/21 24/09/21					
Abstract of Cost					
① Primary and secondary reinforcement Benchmark					
Quantity 140.96 m ³ ① P & S TMS					
		13.52	5.50	1.50	17625 = 0
② Primary and secondary reinforcement of Substructure					
Quantity 140.96 m ³ ② P & S TMS					
		17.25	2.27	1.50	6901 = 0
③ Clear & finished walls					
0.63 m x 1.14 m x 1.14 m x 1.14 m					
		5.13	2.74	1.14	32254 = 0
④ Construction of S of Gravel					
724.50 m ² ④ P & S TMS					
		17.65	5.50	1.50	127750 = 0
Continuation of 1744900					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				130.174420	
(5) Gravel for 55 sec cost load					
Gravel for 55 sec					
550.35 m ² of gravel for 55 sec					
				23686/m ²	118520520
(6) Gravel for 175 sec cost load					
Gravel for 175 sec					
25764 m ² of gravel for 175 sec					
				362625/m ²	93426720
(7) Gravel for 175 sec cost load					
Gravel for 175 sec					
2670.175 m ² of gravel for 175 sec					
				4505/m ²	12029120
(8) Gravel for 175 sec cost load					
Gravel for 175 sec					
2670.175 m ² of gravel for 175 sec					
				1532/m ²	4090720
(9) Mix Soil for 175 sec cost load					
Mix Soil for 175 sec					
2670.175 m ² of mix soil for 175 sec					
				203.85/m ²	54442220
(10) Cement concrete for 175 sec cost load					
Cement concrete for 175 sec					
12240 m ² of cement concrete for 175 sec					
				5991.56/m ²	72602320
(11) Prime coat for 175 sec cost load					
Prime coat for 175 sec					
2114 m ² of prime coat for 175 sec					
				9207.21/m ²	18414200
				1337.44, 01900	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
(12) Read Manicure - cast for 1st appb (No. 0)					
Thermoplastic Compound					
137.50 m ² ply viscos 6m (8) 40 (9) TMS					
0.579544/m ² -					102.594211
(13) Read Manicure - cast for 2nd appb (No. 0)					
Thermoplastic Compound					
40.00 m ² ply viscos 6m (8) 40 (9) TMS					
0.579544/m ² -					32.85220
(14) Priming and Ratting of a					
Surface of concrete conc. in preparation					
200 ply viscos 6m (8) 40 (9) TMS					
0.579544/m ² -					264.5820
(15) Extra material of formwork					
Concrete					
46.99 m ³ ply viscos 6m (10) 40 (6) TMS					
15.66 m ³ ply viscos 6m (8) 40 (9) TMS					
62.64 m ³ .					0.579544/m ³ - 16.870200
(16) Priming of 1st floor ceiling course					
8.54 m ³ ply viscos 6m (10) 40 (6) TMS					
2.85 m ³ ply viscos 6m (8) 40 (9) TMS					
11.39 m ³ .					0.579544/m ³ - 52.78920
(17) Plaster/Bein plaster concrete					
1st Substructure					
45.51 m ³ ply viscos 6m (8) 40 (6) TMS					
15.17 m ³ ply viscos 6m (8) 40 (6) TMS					
60.68 m ³ .					0.579544/m ³ - 32.925620
(18) Priming of 2nd floor ceiling					
22.50 m ³ ply viscos 6m (8) 40 (6) TMS					
1.50 m ³ ply viscos 6m (8) 40 (6) TMS					
30.00 m ³ .					0.579544/m ³ - 22.940820
					343,342.82

