

493/20-21

Sedha mathiya to pandeytola

MMENY (con.)

Schedule XLV-Form No. 134

Dinesh gupta

Aseraj

DIVISION

Sangampr SUB-DIVISION

9th Hgt, 1st Hgt, 2nd Hgt, 3rd Hgt

Measurement Book

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.	
Name of work					
⇒ Sedha mathiya to pandey Jola					
Block - Sangrampur					
Agency - Dinesh gupta					
Agreement No. - 40 SBD/2019-20					
work order date - 10-01-2020					

Agreement amount - Rs 9933849/-

Date of measurement - 17-11-2021

① construction of bench

mark & reference

Pillars - - - -

(i) const. of reference

& working bench

Mark - - - -

Continuation

Continuation

17-11-2024

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date - 08-12-2021					
① comparison of Embankment - graph					
200	250	200	150	100	CH
98-407	98-143	98-077	98-103	97-923	98-042
99-100	99-071	99-100	98-940	98-976	99-006
99-141	99-112	99-141	98-981	99-017	99-041
99-134	99-165	99-134	99-034	99-070	99-100
99-141	99-112	99-141	98-981	99-017	99-047
99-100	99-071	99-100	98-940	98-976	99-006
98-270	98-344	98-077	98-906	98-904	98-445
650	500	500	500	400	300

98-284	98-045	98-229	97-625	98-139	98-449	98-049	4-50
99-238	98-201	98-746	98-790	98-806	98-746	98-629	9-50
99-292	98-742	98-787	98-771	98-847	98-787	98-670	1-50
99-245	98-295	98-800	98-224	98-900	98-870	98-787	0-00
99-292	98-742	98-787	98-771	98-847	98-787	98-670	1-50
99-251	98-201	98-746	98-790	98-806	98-746	98-629	2-50
98-820	98-272	97-837	98-294	98-225	98-215	98-139	4-50
1000	500	500	800	800	700	200	CH
97-890	98-549	97-949	97-942	98-049	98-200	98-183	4-50
98-095	98-701	98-816	98-791	98-926	99-191	98-906	2-50
98-143	98-482	98-857	98-832	98-957	99-232	99-247	1-50
98-181	98-865	98-710	98-885	99-020	99-205	99-300	0-00
98-143	98-882	98-857	98-832	98-957	99-232	99-247	1-50
98-112	98-398	98-816	98-791	98-926	99-191	98-906	2-50
98-438	98-948	98-511	97-942	98-578	98-439	98-260	4-50

Continuation

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
1350	1300	1250	1200	1150	1050	CH
97-931	97-937	98-008	97-720	97-831	98-006	4-50
97-896	97-887	97-913	97-731	97-839	97-946	2-50
97-737	97-735	97-859	97-725	97-870	97-991	1-50
97-782	97-773	97-939	97-817	98-015	98-038	0-00
97-744	97-735	97-961	97-779	97-372	97-939	1-50
97-713	97-704	97-970	97-748	97-846	97-963	2-50
97-585	97-272	97-914	97-853	97-816	97-881	4-50
					1400	CH
					97-840	4-5
					78-105	2-5
					98-145	1-5
					98-145	0.

				98-191	98-203	00
				98-153	98-231	1-5
				98-192	98-200	2-5
				97-770	98-077	4-5

② Excavation for masonry
in soil. Back cutting

$$2 \times 15.00 \times 30.00 \times 0.375 \times 0.100 = 33.75 \text{ m}^3$$

$$2 \times 10.00 \times 0.375 \times 0.100 = 0.75 \text{ m}^3$$

$$\text{Qty} = 34.50 \text{ m}^3$$

$$\text{Limit Qty} = 34.13 \text{ m}^3$$

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ construction of 0.83 m ² by p/w well ground					
for p.c.c. footing (in box)					
Qty of concrete					
					Qty = 34.40 m ³
29 Nos x 30.00 x 4.00 x 0.200 = 704.70 m ³					
for pot filling & repairs					
5 x 2.500 x 1.400 x 0.100 = 1.75 m ³					
17 Nos x 1.200 x 1.200 x 0.100 = 3.46 m ³					

$$4 \times 3.75 \times 2.50 \times 0.100 = 3.75 \text{ m}^3$$

$$\text{Total Qty} = 748.16 \text{ m}^3$$

④ construction of embankment with material					
ch	Area	M. Area	alpha	volume	
0	2.596	4.243			
50	5.889	4.940			
100	9.990	3.886			
150	5.782	4.448			
200	5.113	4.541			
250	3.969	3.907			
300	3.849	3.672			
350	3.409	3.490			

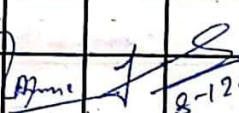
Continuation
3.490

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ corr. for area of on bank cut					
with addition of on bank cut					
CH.	Area	M. Area	Distance	-	value
00	2.596	-	-	-	-
50	5.889	4.243	50		212.125
100	3.990	4.940	50		246.975
150	3.782	3.886	50		194.300
200	5.113	4.448	50		222.375
250	3.969	4.541	50		227.050
300	3.349	3.907	50		135.350
350	3.499	3.672	50		183.600
400	3.481	3.490	50		124.500
450	3.667	3.574	50		178.200
500	5.861	4.764	50		238.200
550	3.075	4.478	50		223.900
600	2.990	3.043	50		152.125
650	5.240	4.115	50		205.750
700	4.287	4.764	50		238.175
750	3.444	3.866	50		193.275
800	3.602	3.523	50		176.150
850	3.387	3.495	50		174.725
900	2.945	3.166	50		158.300
950	4.649	3.797	50		189.850
1000	0.711	2.630	50		134.00
1050	0.283	0.497	50		24.850

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1100	0.257	0.263	50	-	13.735
1150	0.281	0.268	50	-	13.575
1200	0.293	0.277	50	-	13.850
1250	0.277	0.275	50	-	13.750
1300	0.333	0.415	50	-	20.750
1350	0.296	0.390	50	-	12.475
1400	0.018	0.122	50	-	6.100
1405	0.153	0.080	50	-	0.498
				87.2	= 4045.428
less. subgrade					
87.2 x 2.0 = 174.4					
87.2 x 2.0 = 174.4					

				87.2 (-)	748.16 m ³
				7.2	2345.40 m ³
less 95B-47.7					
87.2 x 2.0 = 174.4					
				87.2	748.16 m ³
				87.2	951.868 m ³
load 100 mm	20%	87.2			666.31 m ³
load 1000 mm	30%	87.2			285.558 m ³
 8-12-2021 58.12.17 A-12					

Continuation

Sch. XLV-Form No. 154					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
ABSTRACT OF COST					
Date - 02-12-2021					
① cost of subgrade					
sty wide 17.17 B. 2 page 2					
sty = 1.405 km					
@ Rs 11073.90/km — Rs 15558.00					
② cost of subgrade fill					
sty wide 17.17 B. 2 page 2					
sty = 1.405 km					
@ Rs 10263.02/km — Rs 14419.00					
③/④ cleaning & grubbing					
sty wide 17.17 B. 2 page 2					
sty = 0.4249					
@ Rs 49803.13/ha — Rs 20920.00					
⑤ cost of embankment					
load 1000m					
sty wide 17.17 B. 2 page 7					
sty = 285.538 m					
@ Rs 187.92/m — Rs 53662.00					

Continuation

Rs 104559.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/2) const. of subgrade					
Qty m ³ 1 m B. & Page 2					
Qty = 2345.40 m ³					
@ Rs 187.80/m ³				Rs	445157.00
(6/2) const. of embankment					
back 100 m					
Qty m ³ 1 m B. & Page 7					
Qty = 666.31 m ³					
@ Rs 143.08/m ³				Rs	95338.00
(7/8) Box cutting					
Qty m ³ 1 m B. & Page 4					
Qty = 34.13 m ³					
@ Rs 82.01/m ³				Rs	2799.00
(8/10) USB corr-f material					
Qty m ³ 1 m B. & Page 5					
Qty = 748.16 m ³					
@ Rs 3738.83/m ³				Rs	2797243.00
				Rs	3445094.00
less 107.28 Prorogement				Rs (-)	344509.00
				Rs	3100585.00

Continuation

Appr. 17-8
 08.12.21
 A.E.
 08-12-2021
 J.E.