

14/11/21

31/11/21 400 & 21/11/21 &
31/11/21

Schedule XLV-Form No.-134

SHARWAN & SONY CONSTRUCTORS DIVISION
21/11/21 SUB-DIVISION
21/11/21 SUB-DIVISION

MEASUREMENT BOOK

622

Sharwan & Sony Constructors
Put L.T.C.

Ist on A/c Bill

1

Name of Work - Construction of Roadwork
 Situation of work - Pul to Roomer se Nagu
 Agency by which work is executed -
 Date of measurement - 30/9/2020
 No. 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 of area
	No.	L.	B.	D.	
1. setting cut piler					
Bench mark piler				03 M	
Reference piler				10 M	
2. clearing and grubbing road bed					
					$2 \times 26.40 \times 3.50 / 10000 = 1.848 \text{ Ha}$
3. Road Cutting					
					$2 \times 44.00 \times 0.375 \times 0.40 = 3.300 \text{ M}^3$

Hump pipe Culvert. 600mm dia					
1. E/W excavation in 1st section	8 x 2	3.90	1.15	1.50	107.64 M ³
Below pipe	8 x 5.35	1.13	0.365		17.652
					125.292 M ³
2. providing m/s pcell. 2.5 x 5.0 x 1.0					8.127
levelling concrete foundation					
HW	8 x 2	3.90	1.150	0.15	10.764
	8	5.311	1.130	0.25	12.002
					22.766 M ³
3. plain cement concrete 1:2:4					
Structure					
	8	2	3.600	$\frac{0.40 \times 0.40}{2} \times 2.780$	112.08
	8	2	3.600	0.40×0.60	13.824
					125.904
Flux for pipe	8 x 2 x 0.785 x 0.83 x 0.33				4.592
					121.312 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4 Providing and laying R/c					
5" Pipe NPS					
8	3	2.50		60.00M	
Hum Pipe -			1000MM dia		
1 E/W in excavation for foundation					
H.W	3x2	6.450	1.400	1.500	81.27M ³
Below pipe	3	4.800	1.530	0.365	8.125
					89.395M ³
2 Providing 17.5 PCC (1:2:5) and leveling course PCC					
H.W	3x2	6.450	1.400	0.15	81.27
Below pipe	3	4.931	1.530	0.25	5.658
					13.785M ³
3 plain Cement Concrete in structure					
H.W	3x2	6.15	1.25+0.40	3.18	96.80
Formwork	3x2	6.15	0.40	0.60	- 8.856
Let's for PCC	3x2x0.785	1.23 ²	0.62		4.432
					101.224
4 Providing Laying R/c Pipe NPS					
3x3	2.50			22.50M	
5 Construction of Conduits with appropriate structure					
Qty of material 1W x 11 (3)					
60% of 33.00				19.80m ³	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Q.5 Construction of curb cut					
with material obtained from					
borrow pit					
E/W quantity - steel					
S. N	Chd	Full Am	Mean Am	Distn	Full volume
1	0	0.368			
	50	1.151	0.760		37.975
	100	1.529	1.340		67.000
	150	1.298	1.414		70.675
	200	1.065	1.182		59.025
	250	1.730	1.398		69.875
	300	1.255	1.493		74.625
	350	1.414	1.355		66.725
	400	1.293	1.354		67.675
	450	1.034	1.164		58.175
	500	1.016	1.025		51.250
	550	1.723	1.070		53.475
	600	1.308	1.216		60.775
	650	1.048	1.178		58.175
	700	1.023	1.036		51.250
	750	1.180	1.102		53.475
	800	1.093	1.137		60.775
	850	1.350	1.222		58.900
	900	1.120	1.235		51.775
	950	1.187	1.154		55.075
	1000	1.245	1.216		56.825
	1050	1.507	1.376		61.075
	1100	1.482	1.495		61.750
	1150	1.238	1.36		57.675

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1200	1.202	1.220	50	61.600
	1250	1.130	1.166	50	58.300
	1300	1.358	1.249	50	62.200
	1350	1.853	1.667	50	80.325
	1400	1.630	1.743	50	87.125
	1450	0.953	1.292	50	64.575
	1500	1.274	1.114	50	55.675
	1550	1.355	1.815	50	90.725
	1600	1.915	2.135	50	106.750
	1650	1.626	1.771	50	88.525
	1700	2.374	2.07	50	100.000
	1750	1.509	1.942	50	97.075
	1800	1.768	1.639	50	81.995
	1850	1.518	1.643	50	82.950
	1900	1.880	1.699	50	84.950
	1950	1.996	1.938	50	96.900
	2000	2.253	2.125	50	106.225
	2050	1.504	1.879	50	93.925
	2100	1.289	1.397	50	69.825
	2150	1.043	1.166	50	58.300
	2200	1.134	1.089	50	54.425
	2250	1.073	1.104	50	55.175
	2300	1.987	1.530	50	76.500
	2350	1.231	1.609	50	80.450
	2400	2.277	1.754	50	87.700
	2450	2.128	2.203	50	110.125
	2500	4.616 282	1.705	50	85.250
	2550	1.616	1.449	50	72.450
	2600	0.950	1.283	50	64.150
	2640	0.690	0.820	40	32.800
					3758.200M

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6 Construction of Subgrade Center					
Shoulder					
	15	20	7.276 x 0.30		654.84
	15	20	7.276 x 0.30		654.84
	15	20	7.20	0.30	648.00
	15	20	7.20	0.30	648.00
	15	20	7.25	0.30	652.50
	15	20	7.25	0.30	652.50
	3	20	7.25	0.30	652.50 130.50
	1860				4040.68 m ²
7 Construction of Granular Sub					
base by providing well graded					
	15	20	7.276		
	15	20			

	15	20	4.05	0.200	243.00
	15	20	4.05	0.20	243.00
	15	20	4.05	0.20	243.00
	15	20	4.05	0.20	243.00
	15	20	4.05	0.200	243.00
	15	20	4.05	0.200	243.00
	11	20	3.75	0.10	82.50
	1	2	3.75	0.10	0.75
					22.50
	2x 15	20	0.375	0.10	22.50
	2x 6	20	0.375	0.10	9.00
	2	20	0.375	0.10	1.50
					0.75
	1	8	3.75	0.10	3.00
	1	28	3.75	0.10	1324.50 m ²
					10.50
1st of	22	20	3.00	0.100	19.80
					1264.55 m ²
					1121.55 m ²

Continuation

15	20	3.75	0.16	180.00
15	20	3.75	0.16	180.00
4	20	3.75	0.16	48.00
1	18	3.75	0.16	10.80
				<u>418.80 M³</u>

~~Kodes~~
~~30/9/2020~~
~~TE~~

Answers
3/10/20

✓

material: 875 + mil

Early work	7800 MJ
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stone curbs	277.00	M ³
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Stone Aggregate	1550 M ³
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Stone screening	130.00 M ²
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Kody
30/9/2020

3/10/17

4

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Abstract of Cont.			
1. Setting out pylon - MB p ①					
Recess Mark PWA					
03140 CR		3793.10			11379
2. Refuse Pylon					
10105 CR		1710.50			17105
3. clearing and grubbing Road land					
3 vide MB p ①					
1848 Hec CR		51133.76			94495.
3 Box cutting					
1 3300 MB CR		7416			2487
4 Construction of embankment					
5 vide MB p ③					
1920000 CR		26.11			516.
5 Construction of embankment					
6 with material obtained from borrow pit p ④					
173750 M ³					
1000 M ³ and 2000 M ³					
CR		131.03			262060
17 1800 M ³ and 1750 M ³ CR		174.94			306145.
6 Construction of subgrade and					
9 Earth Shoulder p. ⑤					
4040.68 MB		141.17			570423
7. Construction of granular sub base					
10 vide MB p ⑤					
1121.55 MB		2019.40			2264858.
		P.T.O		R	2529428

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8 Providing Laying & Bedding					
114 and Compaction Stone Aggregate					
WBM for 3 ft				6	
505.687 MB CB			2946.0		1486725
9 cement concrete Pavement					
15 vide MB p.				6	
418.80 MB CB			5546.77		2329987
10 E/W in excavation for Foundation					
31 vide MB p.				①	
125.292 MB CR			269.32		33740
11 Providing PCC 1:2:5 in 15 ft					
32 vide MB p.				①	
22.766 MB CB			4304.13		97988 97988
12 Plain Cement Concrete in					
33 Sub Str.					
vide MB p.				①	
121.312 MB			5042.39		611702
13 Providing and Laying PCC					
34 pipe NPS vide MB p (2)					
60.00 MB CB			1078.17		64690
14 E/W in excavation for Foundation					
36 vide MB p.				2	
89.895 MB CB			269.32		24076
15 Providing M/S PCC 1:2:5 in					
37 in 15 ft vide MB p (2)					
13.785 MB CB			4304.13		59332
			P.T.O.		R 8230668

Continuation

Continuation