

M/scheme: - Musnapan Masaulu Path se Belatki Bgha
In Dhanawa Block

MMGisy (84)

Measurement Book

Schedule XLV-Form No. 134

Agms: - 20/SSD/2020-21

DIVISION

M/cooperator: - Aravali Kumar

21363194: - 21-12-31

SUB-DIVISION

1177 0

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
(1/24) Pvc Laying Rec Pipe				
Dist. 200 ft				
2 x 5 x 2.50 ft				25.00 sq.
(6/26) Pvc Pipe for Pans				
Long Logo Board				
do				
Plant. Board.				1.110
11.11.21				
11.11.21				
7th & 8th Feb. 2021				
Name of work: - Constn & one year				
Maintenance of road. team.				
Muzhapur Masauru Panch. to				
Bulok bylsu under MMSX (SC)				
in Dhanuvaru block				
N/Contractor: - Sri Anandhi Kumar				
Agenda: - 10/5/30/2020-21)				
Start date - 8/8/2020				
Intend. of dt of Comp. - 7/8/2021				
Date of Meant. Contn -				
(1/21) Pvc & laying hot applied				
thermo plastic compound -				
do - up. for				
apc sp. & dir. for				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
At the Head Edge					
		13.7	Feet		
		$2 \times 5.50 \times 25.00 \times 0.10 =$			$260.00 m^2$
(P22) Pl & laying hot applied thermo plastic compound 25 mm thick					
		C.C. foot			
		$2 \times 4 \times 25.00 \times 0.10 =$			$20.00 m^2$
		$2 \times 5.00 \times 0.10 =$			1.00
		$1 \times 10.00 \times 0.10 =$			1.00
		$2 \times 7 \times 25.00 \times 0.10 =$			35.00
		$1 \times 1 \times 9.85 \times 0.10 =$			0.99
		$1 \times 1 \times 7.35 \times 0.10 =$			0.74
		$2 \times 6.40 \times 0.10 =$			1.28
		$1 \times 8.50 \times 0.10 =$			0.85
		$2 \times 2 \times 25.00 \times 0.10 =$			10.00
		$2 \times 1 \times 23.00 \times 0.10 =$			4.60
		$1 \times 1 \times 3.30 \times 0.10 =$			0.33
Radiation		$3 \times 3 \times 3.75 \times 0.10 =$			3.38
					$= 79.17 m^2$
(3/23) Planting of Tree. The need side					
		Comp.	Qty.		
			Total		130 NIS
					Amount to 130 NIS
(4/15) Laying Bricks in HP layer in Repair					
		Brick			
		Comp.			

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Side of ceiling -	2+3	25.00	0.40		= 60.00 m ²
	2+1	19.00	0.40		= 15.20 "
	1+2	25.00	0.40		= 20.00 "
	1+1	23.00	0.40		= 9.20 "
	1+2	25.00	0.40		= 20.00 "
	1+1	13.00	0.40		= 5.20 "
	2+4	20.00	0.40		= 64.00 "
	1+1	25.00	0.25		= 6.25 "
					= 199.85 m ²

(5/16) P/V & Fix-up Reem-15
Ordinary Km. Stone
do — do Lt 00

Total. — 3 Nos

(6/17) P/V & Fix-up 2000 mm Stone
Paved — do

Total. — 6 Nos

TRAFFIC SIGN

(7/18) P/V & Fix-up 600 mm
dia Circular T/Sgn

Total — 12 Nos

(8/19) 900 mm equilateral Triangle
T/Sgn — do

Total. — 12 Nos

(9/20) 600 x 450 mm Rectangular
T/Sgn — do

Total. — 8 Nos

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑩ P/R & cross-section line -					
Can & place of water -					
feather, Board -					
			Total -		1.00
⑪ Constn of Embankment with material obtained from borrow pits -					
As per Level graph of work					
Calculation Sheet -					
S.No.	CH	Area (C/S)	Mean C/S	Distance (M)	Volume (M ³)
	(M)	(M ²)	(M ²)	(M)	M ³
1.	00	6.239	-	-	-
2.	50	6.327	6.283	50	314.150
3.	100	6.289	6.308	50	315.400
4.	150	6.333	6.311	50	315.550
5.	200	6.174	6.254	50	312.675
6.	250	6.411	6.293	50	314.625
7.	300	6.419	6.415	50	320.750
8.	350	6.556	6.488	50	324.375
9.	400	5.963	6.260	50	312.975
10.	450	6.506	6.235	50	311.725
11.	500	6.417	6.462	50	323.075
12.	550	6.44	6.429	50	321.425
13.	600	6.359	6.400	50	319.975
14.	650	6.385	6.372	50	318.600
15.	700	6.604	6.495	50	324.725
16.	750	6.085	6.345	50	317.225
17.	800	6.27	6.178	50	308.875

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18.	850	6.592	6.431		321.550 ✓
19.	900	6.284	6.438		321.900 ✓
20.	950	6.415	6.350		317.475 ✓
21.	1000	6.478	6.447		322.325 ✓
22.	1050	6.587	6.533		326.625 ✓
23.	1100	6.236	6.412		320.575 ✓
24.	1150	6.315	6.276		313.775 ✓
25.	1200	6.463	6.389		319.450 ✓
26.	1250	6.457	6.460		323.000 ✓
27.	1300	6.979	6.718		335.900 ✓
28.	1350	6.711	6.845		342.250 ✓
29.	1400	6.848	6.780		338.975 ✓
30.	1450	3.125	4.987		249.325 ✓
31.	1500	3.100	3.113		155.625 ✓
32.	1550	3.025	3.063		153.125 ✓
33.	1600	1.915	2.470		123.500 ✓
34.	1650	1.939	1.927		96.350 ✓
35.	1657	1.486	1.713	7	11.988 ✓

Total Σ w/hts with Content = 9769.84m³

(A)

Deduction of Content

(1) 800 grade & shoulder

738, 94 ~~(10)~~ 94 $\frac{14}{(4+5)}$ = 4519.79 ~~12059m³~~ _{ft}

(11) Concrete

736, 24 $\frac{5}{6}$ - = 1198.61m³

(111) G.S.D. - 738, 94 $\frac{6}{(7+12)}$ = 1210.59m³

(110) D.D.M. G.S. - 738, 94 $\frac{8}{8+13}$ = 456.13m³

(11) C.C. Road - 739, 24 $\frac{8}{14}$ = 241.18m³

(11) Boncu slip 84m³

$\frac{744, 94 \times 4}{15}$ = 199.85m³ $\times 0.125$ = 24.98m³

Continuation

= 7651.48m³

(B)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1) Price for work & Bull					
Mark & Reference Station					
do do do do do					
= 1.74 KM (P37, P41)					
(2) 12041 = 21 KM					₹ 20,470
(2) Clearing & grubbing of wood land do do					
= 0.48 Hect (P37, P42)					
(3) 51161 = 45 Hect					₹ 24,588
(3) Constn of Embankment					
do do do do do					
= 2118.36 M ³ (P47, P49)					
Limit to 2114.56 M ³					
(4) 139 = 79 M ³					₹ 295,594
(4+5) Constn of Sub-grade & earthen shoulder do					
comp. grs do do					
= 4519.99 M ³ (P38, P44+5)					
(5) 181 = 56 M ³					₹ 7,30,250
(5/6) Grass land & 1/2					
Sub. base do do					
= 1198.61 M ³ (P38, P45/6)					
(6) 1573 = 12 M ³					₹ 18,85,557
(6/7+12) Constn of G.S.R. Grd do					
do do do do do					
= 1210.59 M ³ (P38, P47+12)					
Sum to - 1209.02 M ³					
(7) 2403 = 37 M ³					₹ 29,05,722

Continuation

5862,187 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8+13) 1/2 layer spread up					
2 Compacted 1/2 W.B. 17.883					
do - do - - - - - 219					
= 456.13 m ³ (1338, 24, 78+13)					
② 3178=02/m ³					₹ 14,49,590/-
(84) 1/2 & layer for m ₂					
cost work (84) - do					
= 4910.00 m ² (1341, 24, 14)					
Amount to - 4899.38 m ²					
② 42=41/m ²					₹ 2,07,783/-
(910) 1/2 & layer for Take cost					
with (854) - do - do					
= 4910.00 m ² (1341, 24, 210)					
Amount to - 4899.38 m ²					
② 14=41/m ²					₹ 70,600/-
(1011) 1/2 layer & roller up 20					
in three 1/2 m ₂ Seal for					
for 1/2 top 1/3 - do					
carpet - - - - - 219					
= 4910.00 m ² (1341, 24, 211)					
Amount to - 4899.38 m ²					
② 193=21/m ²					₹ 9,46,609/-
(1114) Const ⁿ of Unreinforced					
Concrete Pavement					
M:30 - do - do - do					
84 & 1/2 of 219					
= 241.18 m ³ (1339, 24, 814)					
② 5957=79/m ³					₹ 14,36,900/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2/15) Layup brick slab in layer — do — do					
= 199.85 M ² (P/44, 9+ 4/15)					
① 468 = 84 / M ²					₹ 93,698 =
(13/16) P/V & fix up room 15 KM stone — do — do					
= 3 NOS (P/44, 9+ 5/16)					
① 2102 = 59 each					₹ 6308 =
(14/17) P/V & fix up 200 sq. stone (pre cast) — do — do					
= 6 NOS (P/44, 9+ 6/17)					
① 590 = 11 each					₹ 3540 =
(15/18) P/V & fix up 600 mm Gravel spread lent. T/4 sqn — do					
= 12 NOS (P/44, 9+ 7/18)					
① 4457 = 42 each					₹ 53,489 =
(16/19) P/V & fix up 900 mm equi lateral triangle T/4 sqn					
= 12 NOS (P/44, 9+ 8/19)					
① 5050 = 59 each					₹ 60,607 =
(17/20) 600 x 450 mm Rectangular (sketch, floor etc) T/4 sqn					
= 8 NOS (P/44, 9+ 9/20)					
① 4342 = 09 each					₹ 34,737 =
(18/21) Layup hot applied thermo plate compound 2.5 mm thick — do — do					
= 260.00 M ² (P/43, 9+ 1/21)					
① 735 = 79 / M ²					₹ 1,91,305 =

Continuation

1,04,17,347 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1922) P/E for hot applied thin plate compound — — — — —					
= 79.17 M ² (P/43, R/322)					
① 766 = 57 M ² — — — — —					60,689 =
(2023) Plantation of Teak by quadrats — — — — —					
Cup Oak					
= 130 Nos (P/43, R/323)					
① 878 = 84 each — — — — —					1,06,449 =
(2124) P/E for P Rec pipe about 300 m — — — — —					
= 15.00 M (P/39, R/324)					
= 25.00 M (P/42, R/324)					
= 40.00 M — — — — —					
Dist to — 38.00 M					
① 828 = 67 M. — — — — —					31,489 =
(2225) Directional plate 200 m, feather board, — — — — —					
= 1 NM (P/45, R/1025)					
① 2050 = 00 each — — — — —					2050 =
(2326) P/E for typical, M.M.G.S.R. supporting board with logs — — — — —					
= 4 Nos (P/39, R/1026)					
= 1 NM (P/42, R/526)					
= 5 Nos ① 9230 = 56 each — — — — —					46,53 =

Continuation.

1,06,64,177 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					134 3,106,64,177
(2987) Add 1% Loc. Cus -				₹ 1,06,642	
(2988) Add. 12% G.S.T. -				₹ 12,79,701	
(26/29) Add. Secp. Fee.					
(1) Emstt + Sub grade 8.5 m wide					
= 6634.55 m ³					
@ 2.378/m ³				₹ 15,777	
(44) Coarse Sand					
= 1198.61 m ³					
@ 18.09/m ³				₹ 21690	
(111) G.S.B. Grd					
= 1209.02 m ³					
@ 50.695/m ³				₹ 61291	
(10) N/3/14. Gr. 3					
= 456.13 m ³					
@ 63.737/m ³				₹ 29072	
(V) C.C. Pavement - 17.36					
= 241.18 m ³					
@ 54.319/m ³				₹ 13,101	
(VI) Rec Pkrd. Chert. Ground					
= 38.00 m ³					
@ 4.207/m ³				₹ 1600	
(VII) M.S. Type 'B'					
= 4899.38 m ²					
@ 1.769/m ²				₹ 6217	
				1,25,618	
				₹ 147308	
				₹ 1,21,97,808	
				₹ 1,21,76,138	

