

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>6th R/A Bill</u>					
<u>Name of work -</u>					
Const. of					
road from Katrao					
PMGSY road to					
Khairwa Jala.					
Agency - Amlesh P.					
Agreement No - 44/2019-20					
Date of work - 27-01-20					
Time required - 26-01-21					
① Providing m A brick					
on edge sloing joints					
Fullalt. - E/D					
$2 \times 30 \times 0.375 \text{ m} = 22.50 \text{ m}^2$					
$2 \times 30 \times 0.375 = 22.50$					
$2 \times 30 \times 0.375 = 22.50$					
$1 \times 10 \times 0.375 = 5.63 \text{ m}^2$					
$73.12 \times 2 \text{ Side} = 146.26 \text{ m}^2$					
② For 2 layer 70 mm FNP3					
HP for irrigation Purpose R					
E/D					
$6 \times 7 \times 2.50 = 45.00 \text{ m}^2$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③	Paved laying boulder				
	approx. for bad. Particulate				
	with Stone Boulder - E/W				
	25	2.10	4.00	0.30	22.50 m ²
	15	2.00	1.00	0.30	13.50
	30	2.00	3.00	0.30	22.50
	20	1.50	3.00	0.30	13.50
				Σ	72.00 m ²
④	Cart of sand/boulder				
	with approx.				
	material - E/W				
	Over all measurement				

S.No.	Ch.	Area	Mean	Dist.	Volume
	in	in	Area	in	in
	m.	m ²	m ²	m.	m ³
1.	0	3.080	-	0	-
2.	50	3.780	3.430	50	171.500
3.	100	3.659	3.720	50	185.975
4.	150	3.178	3.099	50	169.925
5.	200	2.888	2.013	50	150.650
6.	250	2.427	2.658	50	132.875
7.	300	2.328	2.378	50	118.875
8.	350	2.859	2.594	50	129.675
9.	400	2.908	2.884	50	144.175
10.	450	2.435	2.672	50	133.575
11.	500	2.683	2.559	50	127.950
12.	550	3.638	3.161	50	158.025

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
13.	600	3.291	3.465	50	173.225
14.	650	2.750	3.021	50	151.025
15.	700	5.290	4.820	50	201.000
16.	750	5.123	5.207	50	260.725
17.	800	5.332	5.228	50	261.775
18.	850	2.237	3.785	50	189.225
19.	900	2.587	2.412	50	120.600
20.	950	3.805	3.196	50	159.800
21.	1000	2.763	3.084	50	154.200
22.	1050	3.503	2.933	50	146.650
23.	1100	4.958	4.221	50	211.525
24.	1150	7.002	5.980	50	299.000
25.	1200	3.006	5.774	50	250.200
26.	1250	4.158	3.582	50	179.100
27.	1300	2.953	3.556	50	177.750
28.	1350	3.098	3.026	50	151.275
29.	1400	4.730	3.914	50	195.700
30.	1450	2.909	2.820	50	190.925
31.	1500	3.110	3.010	50	150.425
32.	1550	2.305	2.708	50	135.325
33.	1600	3.077	2.691	50	134.550
34.	1650	2.772	2.925	50	146.225
35.	1700	2.372	2.572	50	128.600
36.	1750	2.126	2.275	50	113.350
37.	1800	2.237	2.208	50	110.375
38.	1850	2.422	2.330	50	116.475
39.	1900	2.704	2.563	50	128.150
40.	1950	2.369	2.537	50	126.825
41.	1995	1.435	1.902	45	85.590

Continuation $T = 6472.565$
m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Const. of sub grade					
lead up to 1000 m					
Qty =	4505.00				X 1525.17 m ³
	4647.68				
					= 1478.35 m ³
② Const. of embankment					
over land					
up to 100 m					
Qty =	4505.00				X 2185.76
	4647.68				
					= 2118.65 m ³

Handwritten notes and calculations:

$$\frac{28920}{28920} \times \frac{28920}{28920}$$

AB

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
① 1	Const. of reference Pillar 2.0 m. Qty P. (32) = 1.995 km. CR 12788.44/km = Rs 25515.00				
② 2	Const. of reference Pillar/ bridge ——— E/F Qty P. (32) = 1.995 km CR 13445.97/km = Rs 26823.00				
③ 3	Clearing & grubbing wood lead ——— E/F Qty P. (32) = 0.60 Ha CR 49808.13/Ha = Rs 29885.00				
④ 4	Const. of embankment lead up to 1000 m Qty vol. P. (44) (R) Waste down Qty. = 936.75 m ³ CR 18792/m ³ = Rs 176034.00				
⑤ 5	Const. of subgrade ——— E/F Qty vol. P. (44) (R) = 1478.35 m ³ CR 189.80/m ³ = Rs 280591.00				
Continuation					CR 538846.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ 6 Const of ear bankment (lead 100 m) — E.I.F.					D.F = Rs 538846.00
Qty P- (45) (C)					
= 2118.65 m ³					
@ Rs 143.08 / m ³					
					= Rs 303136.00
⑦ 7 Excavation of road way (in soil) — E.I.F.					
Box cutting —					
Qty P- (33)					
= 209.87 m ³					
@ Rs 82.01 / m ³					= Rs 17211.00

⑧ 8 Laying brick on edge sally joints filled with local sand — E.I.F.					
Qty P- (41) = 146.26 m ²					
Qty in unit = 146.25 m ²					
@ Rs 499.42 / m ²					
					= Rs 73047.00

⑨ 9 Const of G.S.B. or I cell — E.I.F.					
Qty P- (33)					
= 972.99 m ³					
@ Rs 3672.02 / m ³					
					= Rs 3592299.00

CO = Rs 424539.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑩ Prov. 2 layer worm grill — B.F. qty P- (33) = 520.42 m ³ @ Rs 4526.61/m ³ = Rs 2381759.00					
⑪ Prov. 2 applying primer coat — B.F. qty P- (34) = 6817.50 m ² @ Rs 52.81/m ² = Rs 360032.00					
⑫ Prov. 2 applying stone coat — B.F. qty P- (34) = 6817.50 m ² @ Rs 19.10/m ² = Rs 130214.00					
⑬ Prov. 2 layer 2 milking do m.s.s. surface 2 all — sub qty P- (34) = 6817.50 m ² @ Rs 265.99/m ² = Rs 1813387.00					
⑭ Const of CCP m25 2 all complete — sub qty P- (34) = 117.00 m ³ @ Rs 8643.40/m ³ = Rs 1011278.00					

Continuation @ Rs 10221209.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F = 102		221209.00
(15) 15	Prov. & fixing of R.C.C.				
	M/S. road 10m, 20m				
	Post — EIT				
	Qty P. (35)				
(16)	K.M. Stone = 24-				
	@ Rs 2945.42/1000 = Rs 5891.00				
(17) 18	200 m Stone				
	= 8 No				
	@ Rs 766.69/No = Rs 6134.00				
(18) 18	Prov. & fixing. R.C.C.				
	grade boundary				
	pillar — EIT				
	Qty P. (35)				
	= 39 No				
	@ Rs 582.44 each = Rs 22715.00				
(19) 19	Painting two coat on				
	red concrete surface				
	2 all surface — EIT				
	Qty P. (35)				
	= 44.64 m ²				
	@ Rs 108.98/m ² = Rs 4865.00				
(20) 20	Prov. & applying 2 coat				
	waterproof — EIT				
	Qty P. (35)				
	= 39.00 m ²				
	@ Rs 103.06/m ² = Rs 4019.00				
	Total = 10264833.00				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$B.F = 102,64833 \text{ m}$
(19) <u>Bar. road marking with</u> 21 <u>hot applied</u> — <u>EIF</u> <u>qty P - (36)</u>					
(i) <u>flexible Pavement</u> = <u>360.00 m²</u> <u>CR 851.80 / m²</u> — <u>CR 306648.00</u>					
(ii) <u>Rigid Pavement</u> = <u>39.00 m²</u> <u>CR 851.80 / m²</u> — <u>CR 33220.00</u>					
(20) <u>Prov. & fixing masonry</u> 23 <u>Sign board & logo</u> — <u>EIF</u> <u>qty P - (36)</u>					
(i) <u>masonry work</u> = <u>2 No</u> <u>CR 11758.71 / No</u> — <u>CR 23517.00</u>					
(ii) <u>Maintenance work</u> — 24 <u>= 2 No</u> <u>CR 11758.71 / No</u> — <u>CR 23517.00</u>					
(25) <u>Prov. & fixing of</u> 25 <u>reflectors</u> — <u>EIF</u> <u>qty P - (36)</u>					
(i) <u>600 mm equilateral triangle</u> <u>= 16 No</u> <u>CR 4122.00 each</u> — <u>CR 65952.00</u>					
(ii) <u>600 x 450 mm rectangle</u> 27 <u>= 2 No</u> <u>CR 4713.80 each</u> — <u>CR 9427.60</u>					

Continuation / 1072715.0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) <u>28</u>	900 mm octagon				Rf 10727115.00
	= 2 Nos				
	Q. No 62.45 each				
					Rf 17725.00
	Pore - Clayey zoompf				
	Rec.H.P. for irrigation				
	9 fyp - (11)				
	= 45-00m				
	Q. No 69 / m				Rf 41881.00
	E/W excavation in				

for 1st floor
Qty P - (37)
= 99.00 m³
@ Rs 285.71/m³ = Rs 28285.00

(24) Sand filling in
for 1st floor — R/R
Qty P - (37)
= 8.99 m³
@ Rs 455.62/m³ = Rs 4096.00

(25) Pav. Rec. m² in
for 1st floor — R/R
Qty P - (37)
= 13.78 m²
@ Rs 7535.15/m² = Rs 104386.00

Continuation of Form 990, 2011

Particulars	No.	L.	B.	D.	Contents of area
				R.F = 109	23488.0
(28) Pave Rec - 172					
38 in box cul — B.C.R					
Qty p - (38)					
= 82.70 m ³					
@ Rs 9573.32/m ³					791718.0
(27) Back filling behind					
39 Ab & w-w cell — B.R					
Qty p - (38)					
= 50.40 m ³					
@ Rs 3821.67/m ³					
					192612.0

$\frac{(28)}{40}$ Poor wrap hole - R_{11}
 $9 \text{ kg } P(30)$
 $= 70 \text{ No}$
 $C/R 103.40 / \text{No} = R_{11} 7238.00$
 $\frac{(29)}{41}$ Prov. & lay build fitting
 approx bed protection
 R_{11}
 $9 \text{ kg rich Page} - (40) = 72.00 \text{ m}^3$
 $\text{Day to limit} = 70.20 \text{ m}^3$
 $C/R 450(-25) / \text{m}^3$
 $= R_{11} 3,5988.00$
 $C/R 12231044.00$

[illegible]

$T = \text{Rs } 1,26,77,275.00$
 Less Payment
 Pgt. (79) = $\text{Rs } 10,18,205.00$
 $\text{Net} = \text{Rs } 2,49,52,224.00$

~~V. Pandey~~
 28.9.20
 O.E.
 G.
 28.9.20
 A.E.

(i) Brick — 9055 No
 (ii) Stone boulder — 70.20 m³
 (iii) Stone screening — 14.00 m³
 (iv) 2/4 filling — 116.00 m³

Continuation
289.70

ST
44/2019-20

295

21751167

Schedule XLY-Form No.-134

प्राप्तकर्ता : 422104 4706302070440000
से 295 21751167 प्राप्त (मम 6537)

DIVISION

SUB-DIVISION

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रगुल नरकटियाज

MEASUREMENT BOOK

M.B.No 1157/2019-20

44/19-20