Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

6th RIA Bill

Name of work :-

Const. of road from Katraco PMGSY road to Khairwa tola.

Agency - Amlesh Pd.

Agreement No - 44/2019-20

Date of W.O. to C - 27-01-20

Time required - 26-01-21

(1) Providing one A brick on edge soling joints full with C.M.

2	30	0.375		= 22.50 m²
2	30	0.375		= 22.50
2	30	0.375		= 22.50
14	5	0.375		= 5.63 m²
			T =	73.13 m²
73.13	2	Side	=	146.26 m²

(2) Bor. Playing 200 mm ϕ NP3 HP for irrigation Purpose

12/1.

6 × 7 × 2.50 = 45.00 m

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3)	Born & laying boulder apron for bed protection with stone Boulder --- E11				
	25×	2.00+4.00/2		×0.30	– 22.50 m³
	15×	2.00+4.00/2		×0.30 =	13.50
	30×	2.00+3.00/2		×0.30 =	22.50
	20×	1.50+3.00/2		×0.30 =	13.50
				T=	72.00 m³
(4)	Cost of embankment with approved material --- E10				
	Over all measurement				

S.No.	Ch. in m.	Area in m2	Mean Area in m2	Distance in m	Volume in m3
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	3.138	3.399	50	169.925
5.	200	2.888	3.013	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

Sch. XLV-Form No. 134

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	3.024	50	151.025
15.	700	5.290	4.020	50	201.000
16.	750	5.129	5.207	50	260.325
17.	800	5.332	5.228	50	261.375
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	2.503	2.983	50	149.650
23.	1100	4.958	4.231	50	211.525
24.	1150	7.002	5.980	50	299.000
25.	1200	3.006	5.004	50	250.200
26.	1250	4.158	3.582	50	179.100
27.	1300	2.953	3.556	50	177.775
28.	1350	3.098	3.026	50	151.275
29.	1400	4.730	3.914	50	195.700
30.	1450	2.909	3.820	50	190.975
31.	1500	3.110	3.010	50	150.475
32.	1550	2.705	2.708	50	135.375
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	2.178	2.275	50	113.750
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 = 6472.585 m3

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F = 6472.565 m³			
	Deduction,				
	GSB	= 972.99 m³			
	WBM grade III	= 520.42			
	PCC	= 117.06			
		= 1610.47 m³			
		(–)			
	Net Total = 4862.155 m³				
	Say Quantity	= 4505.70 m³			

Agreement qty.

(I) Const. of embankment with lead upto 1000 m = 936.75 m³

(II) Cut to dis/b grade lead upto 1000 m = 1525.17

(III) GSB lead upto 1000 m = 2185.76

T = 4647.68 m³

Work done qty.

(A) Const. of embankment lead upto 1000 m

qty = $\frac{4505.70}{4647.68} \times 936.75$ =

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(B) Const. of sub grade lead up to 1000 m					
qty = $\frac{4505.00}{4647.68}$ × 1525.17 m³					
			=	1478.35 m³	
(C) Const. of embankment lead up to 1000 m					
qty = $\frac{4505.00}{4647.68}$ × 2185.76					
			= 2118.65 m³		
[signature] 28-9-20		[signature] 28-9-20 A.E.			
OB					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
① Const. of reference Pillar & Boring.					
qty P. (32)		= 1.995 Km.			
@ Rs 12788.44/Km					= Rs 25513.00
② Const of reference Pillar/ bunger — B/F					
qty P-(32)		= 1.995 Km			
@ Rs 13445.97/Km					= Rs 26823.00
③ Clearing & grubbing road land — B/F					
qty P-(32)		= 0.60 Ha			
@ Rs 49808.13/Ha					= Rs 29885.00
④ Const of embankment land obtained (cross section)					
qty vide P. (44)(A)					
Work done qty.		= 936.75 m³			
@ Rs 187.92/m³					= Rs 176034.00
⑤ Const of subgrade — B/F					
qty vide P. (45)(B)		= 1478.35 m³			
@ Rs 189.80/m³					= Rs 280591.00
Continuation					@ Rs 538846.00

Sch. XLV-Form No. 134 47

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
				B/F = Rs	538846.00
(6) 6	Const of embankment load 100 m — EIF qty P-(45) (c) = 2118.65 m3 @Rs 143.08/m3			= Rs	303136.00
(7) 7	Excavation of road way in soil — EIF Boxcutting - qty P-(33) = 209.87 m3 @Rs 82.01/m3			= Rs	17211.00
(8) 8	Laying brick on edge soling joints filled with local sand — EIF qty P (41) = 146.26 m2 Qty in Unit = 146.25 m2 @Rs 499.47/m2			= Rs	73047.00
(9) 9	Const of G-S.B. for I/c all — EIF qty P (33) = 972.99 m3 @Rs 3692.02/m3			= Rs	3592299.00
				C/O = Rs	4024539.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

B.F = Rs 4,52,45,539.00

(10) / 10 Providing & laying WBM gr III — B/F
qty P-(33)
= 520.42 m3
@ Rs 4526.61/m3 = Rs 23,81,759.00

(11) / 11 Prov. & applying primer coat — B/F
qty P-(34)
= 6817.50 m2
@ Rs 52.81/m3 = Rs 3,60,032.00

(12) / 12 Prov. & applying tack coat — B/F
qty P-(34)
= 6817.50 m2
@ Rs 19.10/m2 = Rs 1,30,214.00

(13) / 13 Prov. & laying & rolling of M.S.S. surfacing & all — do
qty P-(34)
= 6817.50 m2
@ Rs 265.99/m2 = Rs 18,13,387.00

(14) / 14 Const. of CCP M25 & all complete — do
qty P-(34) = 117.00 m3
@ Rs 8643.40/m3 = Rs 10,11,278.00

Continuation = Rs 1,02,21,209.00

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F = Rs		102,221.00
(15) 15	Prov. & fixing of R.C.C M.S. road bow, down post — Rate				
	qty P-(35)				
(i)	K.M. Stone = 2 No. @ Rs 2945.42/each = Rs				5891.00
(ii)	200 m Stone = 8 No				
	@ Rs 766.69/No = Rs				6134.00
(16) 16	Prov. & fixing R.C.C.M. grade boundary pillar — Rate				
	qty P-(35) = 39 No				
	@ Rs 592.44 each = Rs				22,715.00
(17) 17	Painting two coat on new Concrete surface & all complete — Rate				
	qty P-(35) = 44.64 m²				
	@ Rs 108.98/m² = Rs				4865.00
(18) 18	Prov. & applying 2 coat water proof — Rate				
	qty P-(35) = 39.00 m²				
	@ Rs 103.06/m² = Rs				4019.00
	Total Rs				102,644.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F = Rs		102,64833.00
(19) 24	Prov. road marking with hot applied road — BOQ				
	qty P- (56)				
(i)	Flexible Pavement = 360.00 m²				
	@ Rs 851.80/m²				= Rs 306648.00
(ii)	Rigid Pavement = 39.0 m²				
	@ Rs 851.80/m²				= Rs 33220.20
(20) 23	Prov. & fixing masonry Signboard & logo — BOQ				
	qty wise P- (28)				
(i)	masonry board = 2 No				
	@ Rs 11758.71/No				= Rs 23517.00
(ii) 24	maintenance board = 2 No				
	@ Rs 11758.71/No				= Rs 23517.00
(21) 25	Prov. & fixing of retro reflectorised — BOQ				
	qty P- (56)				
(i)	600 mm equilateral triangle = 16 No				
	@ Rs 4122.00/each				= Rs 65952.00
(ii) 27	600 × 450 mm Rectangular = 2 No				
	@ Rs 4713.80/each				= Rs 9426.00
					@ Rs 107271.15.0

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F = Rs		1,07,27115.00
(11) 28	900 mm octagon.				
	= 2 Nos				
@ Rs	8862.49 each				
			= Rs		17725.00
(12) 26	Prov. Supply 300mm				
	R.C.C. H.P. for irrigation.				
	qty P - (41)				
	= 45.00 m				
@ Rs	930.69 / m		= Rs		41,881.00
(23) 30	Extra excavation in				
	~~foundation~~ trench				
	qty P - (37)				
	= 99.00 m³				
@ Rs	285.71 / m³		= Rs		28285.00
(24) 31	Sand filling in				
	foundation — Extra				
	qty P - (37)				
	= 8.99 m³				
@ Rs	455.62 / m³		= Rs		4096.00
(25) 33	Prov. R.C.C. M15 in				
	foundation — Extra				
	qty P - (37)				
	= 13.78 m³				
@ Rs	7585.15 / m³		= Rs		104386.00
Continuation @			= Rs		1,09,23488.00

Particulars	No.	L.	B.	D.	Contents of area

B.F = Rs 10923488.00

(26) / 38 Prov. R.C.C. M25 in breast wall — BLR

qty P— (38)

= 82.70 m³

@ Rs 9573.37/m³ = Rs 791718.00

(27) / 39 Back filling behind Abt & W-W wall — BLR

qty P— (38)

= 50.40 m³

@ Rs 3821.67/m³

= Rs 192612.00

(28) / 40 Prov. weep hole — BLR

qty P (38)

= 70 No

@ Rs 103.40/No = Rs 7238.00

(29) / 41 Prov. & laying boulder pitching approach bed protection — BLR

qty vide Page — (42) = 72.00 m³

Say to limit = 70.20 m³

@ Rs 4501.25/m³

= Rs 315988.00

C/o = Rs 12231044.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.P = Rs 1,22,31,044.00		
39/42	S/F/ Placing HYSD bars & — B/F				
	Rate P-38		= 5.908 mT		
	@ Rs 77462.99/mT				= Rs 457651.00
				T = Rs 1268895.00	
	Less 0.09 %				= (-) 11420.00
				T = Rs 1,26,77,275.00	
	Less Payment Bill-39				= (-) 10,18,205.00
				Net = Rs 2495224.00	

28.9.20 — 28.9.20 A.E

OE

(i)	Brickp	— 9055 No
(ii)	Stone boulder	— 78.20 m³
(iii)	Stone Screening	— 14.00 m³
(iv)	F/O filling	— 116.00 m³

Continuation

28-9-20

पथ का नाम : करसॉव पी०एम०जी०एस०वाई० से खैरा टोला पथ निर्माण (मु०मं०ग्रा०स०यो०)

ST 44/2019-20

Schedule XLV-Form No.-134

प्रखंड :- गौनाहा

DIVISION

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल नरकटियागंज

SUB-DIVISION

MEASUREMENT BOOK

M.B. No 1157/2019-20

44/19-20