1st & final Bill

1

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.	
N/Work :–		Repair & Road from Mudhaharnia Rahi to Rahi Naya Nagar			
N/Agency :–		M/s Om Sai Engicons, Sabita Sadan, Nariyar road, Naya Bazar, Saharsa.			
A.No.:–		04/MRD MR/2021-22			
A.Rate:–		2.88% Below.			
Date & Commencement :–		28/11/2021			
Time & Completion :–		27/09/2022			
Actual time & completion :–					
(1.) PIV & fixing & typical PMGSY/MMGSY info.-Matory Sign board with logo —do— Elg.					
(i) Logo & project				=	02 Nos.
(ii) Citizen information				=	01 Nos.
(iii) Maintenance board				=	01 Nos.
					/
			Total	=	04 Nos.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(2.) Clearing & grubbing road land					
—— do —— e19.					(M²)
2 X	10 X	30.00	X 1.00	=	600.00
2 X	10 X	30.00	X 1.00	=	600.00
2 X	10 X	30.00	X 1.00	=	600.00
2 X	10 X	30.00	X 1.00	=	600.00
2 X	10 X	30.00	X 1.00	=	600.00
2 X	10 X	30.00	X 1.00	=	600.00
2 X	10 X	30.00	X 1.00	=	600.00
2 X	10 X	30.00	X 1.00	=	600.00
2 X	10 X	30.00	X 1.00	=	600.00
2 X	10 X	30.00	X 1.00	=	600.00
2 X	10 X	30.00	X 1.00	=	600.00
2 X	10 X	30.00	X 1.00	=	600.00
2 X	3 X	30.00	X 1.00	=	180.00
2 X	1 X	18.00	X 1.00	=	36.00
				Total =	7416.00 m²
				=	0.740 Hect
(3.) Earth work in excavation for foundn of structure					
—— do —— e19.					
Box culvert, cut off wall, Return wall					
1x	4.80	X 6.00	X 0.700	=	20.16 m³
2X	4.80	X 1.30	X 1.80	=	22.46 m³
4X	2.90	X 3.66	X 1.80	=	~~110.68 m³~~ 76.42 m³
				Total =	119.04 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4.) P/V PCC M15 grade in open trench — do — E/g.					
Box culvert					
	1x	3.80 x	6.00 x	0.100 =	2.28 m³
Return wall					
	4x	2.90 x	2.60 x	0.200 =	6.16 m³
				Total =	8.44 m³
(5.) Supplying, fitting & placing HYSD bar reinforcement in Sub structure — do — E/g.					
Bottom slab (top & Bottom bar)					
Main bar 10mm φ,					
2x43 x 4.12 = 354.32m					
	@ 0.617 kg/m —				218.61 kg
Distt. bar (both side)					
10mm φ, 200mm c/c					
2x20 x 6.24 = 249.60m					
	@ 0.617 kg/m —				154.00 kg
Bottom slab L bar					
10mm, 95mm c/c (both)					
2x63 x 2.02 = 254.52m					
	@ 0.617 kg/m —				157.04 kg
				Total =	529.65 kg

Continuation

Sch. XLV-Form No. 134

B/F = 529.65kg

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Bottom slab launch bar					
2X40	X1.20	= 96.00m			
	@0.395kg/m				37.92kg
Side wall					
outer bar both side					
12mm φ, 200mm c/c					
2X31	X5.24	= 324.88m			
	@0.89kg/m				289.14kg
Inner bar					
10mm φ, 200mm c/c					
2X31	X3.34	= 207.08m			
	@0.617kg/m				127.77kg
Distt. bar side wall					
10mm φ, 200mm c/c					
2X2X16	X6.32	=404.48m			
	@0.617kg/m				249.56kg
Top slab L Bar (both side)					
10mm φ, 140mm c/c					
2X43	X2.10	=180.60m			
	@0.617kg/m				111.43kg
Top slab launch bar					
8mm φ, 150mm c/c					
2X40	X1.20	=96.00m			
	@0.395kg/m				37.92kg
chair	12mm φ				
15X	2.50	= 37.50m			
	@0.890kg/m				33.37kg

Continuation

Total = 1416.76 kg

= 1.42 MT

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(6.) P/W weep holes in abutment — do — El 9.	2 x 9 + 6 x 4			=	42 Nos.
(7.) P/W RCC M25 grade Concrete in Sub Structure — do — El 9.					
Bottom Slab					
	1 x	3.80	x 6.00	x 0.300	= 6.84 m³
Side wall					
	2 x	6.00	x 2.50	x 0.40	= 12.00 m³
			Total =		18.84 m³
(8.) P/W PCC M20 grade Concrete in open bound'y — do — El 9.					
Step wise (Return wall)					
	4 x 2.50	x 2.257	x	0.200	= 4.51 m³
	4 x 2.50	x 2.157	x	0.200	= 4.31 m³
	4 x 2.50	x 2.057	x	0.200	= 4.11 m³
	4 x 2.50	x 1.957	x	0.200	= 3.91 m³
	4 x 2.50	x 1.857	x	0.200	= 3.71 m³
	4 x 2.50	x 1.757	x	0.200	= 3.51 m³
	4 x 2.50	x 1.657	x	0.200	= 3.31 m³
	4 x 2.50	x 1.557	x	0.200	= 3.11 m³
			Total =		30.48 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(9.) PIV PCC M20 grade Concrete in Sub-Structure —do— Ely.					
Return Wall					
4 X	2.80	X 0.90 (av)	X 2.33	=	20.97 m³
			Total =		20.97 m³
(10.) PIV filter Media with granular Crushed aggregates —do— Ely.					
Behind abutment					
2 X	4.43	X 0.600	X 2.20	=	11.69 m³
Behind return wall					
4 X	1.90	X 0.600	X 2.45	=	11.18 m³
			Total =		22.87 m³
			Limit =		22.86 m³
(11) PIV Back filling behind abutment, wing wall & return wall —do— Ely.					
2 X	2.50	X 5.20	X 0.200	=	5.20 m³
2 X	2.50	X 4.43 (av)	X 2.330	=	51.61 m³
			Total	=	56.81 m³
Deduct for filter Media (-)				=	22.87 m³
			Total =		33.94 m³
			Limit =		33.78 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(12) Supplying, bitting & placing HYSD bar reinforcement in Super structure					
——— do ——— cg.					
Top Slab					
Bottom bar					
12mm φ, 120mm c/c					
1 X 51 X 4.12 = 210.12 m					
@ 0.89 kg/m ——— 187.01 kg					
Top bar					
10mm φ, 100mm c/c					
1 X 41 X 4.04 = 165.64 m					
@ 0.617 kg/m ——— 102.20 kg					
Distt. bar (both sides)					
10mm φ, 200 mm c/c					
2 X 20 X 6.24 = 249.60 m					
@ 0.617 kg/m ——— 154.00 kg					
Chair 12mm φ					
6 X 2.50 = 15.00 m					
@ 0.890 kg/m ——— 13.35 kg.					
Kerb bar					
Ring bar 10mm φ					
2 X 21 X 1.80 = 75.60 m					
@ 0.617 kg/m ——— 46.64 kg					
Total = ~~516.55 kg~~ 903.20 kg					

Sch. XLV-Form No. 134 B/F = 503.20 kg

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Main bar					
20mm ϕ 8 Nos (both side)					
2 x 8 x 3.72 = 59.52 m					
@ 2.47 kg/m					147.01 kg
					/
		Total =			650.21 kg
				= 0.650 MT	
(13) PIV RCC M30 grade Concrete —do— Clg.					
Box Culvert					
1 x 3.80 x	6.00	x 0.300 =			6.84 m³
Handy					
4 x 6.00 x	0.0125 (Area) =				0.27 m³
kerb					
2 x 3.80 x	0.25	x 0.300 =			0.57 m³
					/
		Total =			7.68 m³
(14) PIV Drainage Spot. —do— Clg.					
		8 x 4 = 04 Nos.			
(15) PIV PCC M20 grade Concrete in Sub Structure —do— Clg.					
2 x 8.80 x	0.60	x 0.40 =			4.22 m³
					/
		Total =			4.22 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) P/V & laying RCC					
M30 grade concrete					
—— do —— etc.					
(wearing course)					
1	X 3.80	X 5.20	X 0.075	=	1.48 m³
				Total =	1.48 m³
(17) Supplying, fitting &					
placing HYSD bar					
reinforcement in					
~~Super structure~~					
foundn. — do — etc.					
cutoff wall					
Ring 6 mm φ 200 mm c/c					
2 X ~~13~~ 19 X	3.38	=	128.44 m ~~87.88 m~~		
	@ 0.222 kg/m			——	28.51 kg ~~19.51 kg~~
Main bar 10 mm φ,	4 nos.				
2 X 4 X	3.72 ~~2.42~~	=	29.76 m		
	@ 0.617 kg/m			——	18.36 kg ~~11.94 kg~~
8 mm φ,	250 mm c/c				
2 X 16 X	3.72 ~~2.42~~	=	119.04 m ~~77.44 m~~		
	@ 0.395 kg/m			——	47.02 kg ~~30.59 kg~~
		Total =			93.89 kg ~~62.04 kg~~
				=	~~0.062 MT~~
(18) P/V RCC M20				=	0.094 MT
foundn. —— do —— etc.					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Cut-off-wall					
2 × 3.80 ×		0.30	× 1.50	=	3.42 m³
			Total	=	3.42 m³
	Measurement				
(1) Constn of granular sub base (GSB Gr-II)					
— do — Elg.					
0–1 KM					
2 × 1.00 ×		0.90	× 0.175	=	0.315 m³
1 × 2.00 ×		1.90	× 0.175	=	0.665 m³
3 × 3.00 ×		1.25	× 0.175	=	1.969 m³
~~5 × 5.00 ×~~		~~1.70~~	~~× 0.175~~	~~=~~	
5 × 5.00 ×		1.70	× 0.175	=	7.437 m³
1 × 5.00 ×		1.75	× 0.175	=	1.531 m³
2 × 3.00 ×		1.65	× 0.175	=	1.732 m³
			Total	=	13.649 m³

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
1-2 KM			B/F =		13.649 m³
1 X 2.00	X	1.10	X 0.175	=	0.385 m³
3 X 3.00	X	0.70	X 0.175	=	1.102 m³
4 X 4.00	X	0.90	X 0.175	=	2.520 m³
2 X 1.00	X	1.20	X 0.175	=	0.420 m³
5 X 2.00	X	0.60	X 0.175	=	1.05 m³
1 X 1.00	X	0.90	X 0.175	=	0.157 m³
5 X 3.00	X	1.60	X 0.175	=	4.200 m³
4 X 3.00	X	1.60	X 0.175	=	3.36 m³
6 X 3.00	X	1.60	X 0.175	=	5.04 m³
5 X 4.00	X	0.60	X 0.175	=	2.100 m³
2-3 KM					
1 X 4.00	X	1.15	X 0.175	=	0.805 m³
3 X 2.00	X	0.80	X 0.175	=	0.84 m³
2 X 5.00	X	1.00	X 0.175	=	1.75 m³
4 X 4.00	X	0.90	X 0.175	=	2.52 m³
2 X 6.00	X	0.60	X 0.175	=	1.26 m³
3 X 5.00	X	1.25	X 0.175	=	3.28 m³
4 X 4.00	X	1.90	X 0.175	=	5.32 m³
3 X 3.00	X	1.15	X 0.175	=	1.811 m³
1 X 6.00	X	0.30	X 0.175	=	0.315 m³
3-4 KM					/
2 X 3.00	X	0.60	X 0.175	=	0.63 m³
1 X 5.00	X	0.65	X 0.175	=	0.57 m³
					/
		Total	=		53.08 m³

Limit = 53.03 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(2) P/W, laying, spreading & Compacting Stone aggregates (40MM-2)					
——— do ——— Blg.					
0-1KM					
	2	4.00	0.90	0.075 =	0.54 m³
	3	6.00	1.250	0.075 =	1.69 m³
	1	5.00	1.90	0.075 =	0.71 m³
	5	8.00	1.70	0.075 =	5.10 m³
	1	9.00	1.90	0.075 =	1.28 m³
	2	8.00	2.90	0.075 =	3.48 m³
1-2KM					
	1	4.00	1.10	0.075 =	0.33 m³
	3	5.00	1.70	0.075 =	1.91 m³
	4	5.00	0.90	0.075 =	1.35 m³
	2	6.00	1.20	0.075 =	1.08 m³
	5	4.00	0.600	0.075 =	0.90 m³
	1	5.00	1.90	0.075 =	0.71 m³
	5	2.00	1.60	0.075 =	1.20 m³
	4	3.00	1.60	0.075 =	1.44 m³
	6	4.00	1.60	0.075 =	2.88 m³
	5	5.00	0.60	0.075 =	1.12 m³
2-3KM					
	1	5.00	1.150	0.075 =	0.43 m³
	3	3.00	1.80	0.075 =	1.21 m³
	2	6.00	1.00	0.075 =	0.90 m³
	4	5.00	0.90	0.075 =	1.35 m³
	2	6.00	1.60	0.075 =	1.44 m³
				Total =	31.05 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F =		31.05 m³
	3 X 5.00 X	1.90	X 0.075 =		2.14 m³
	4 X 6.00 X	1.90	X 0.075 =		3.42 m³
	3 X 8.00 X	2.150	X 0.075 =		3.87 m³
	1 X 7.00 X	1.10	X 0.075 =		0.58 m³
3-4 KM					
	2 X 4.00 X	1.60	X 0.075 =		0.96 m³
	4 X 5.00 X	1.80	X 0.075 =		2.70 m³
	3 X 7.00 X	1.20	X 0.075 =		1.89 m³
	2 X 4.80 X	1.25	X 0.075 =		0.90 m³
	5 X 8.00 X	0.95	X 0.075 =		2.85 m³
			Total =		50.36 m³
			Limit =		47.49 m³

(3.) PIV, layg, Spreadg & Compactg Stone aggregates (WBM-3)

~~do~~ Rly.

0-1 KM					(m³)
	2 X 5.00 X	0.90	X 0.075 =		0.675
	1 X 6.00 X	1.90	X 0.075 =		0.855
	3 X 10.00 X	1.25	X 0.075 =		2.812 m
	4 X 8.00 X	1.90	X 0.075 =		4.560
	5 X 9.00 X	1.70	X 0.075 =		5.737
	1 X 5.00 X	1.90	X 0.075 =		0.712
	2 X	10.00	X 2.90 X 0.075 =		4.35
			Total =		19.701 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
1-2 KM			B/F =		19.701 m³
1X	2.00	X 1.90	X 0.075	=	0.285
3X	6.00	X 1.70	X 0.075	=	2.295
4X	3.00	X 1.90	X 0.075	=	1.710
2X	4.00	X 1.20	X 0.075	=	0.720
5X	4.00	X 1.60	X 0.075	=	2.40
1X	9.00	X 1.90	X 0.075	=	1.282
5X	2.00	X 1.60	X 0.075	=	1.20 m³
4X	6.00	X 1.60	X 0.075	=	2.88 m³
6X	7.00	X 1.60	X 0.075	=	5.04 m³
5X	8.00	X 2.60	X 0.075	=	7.80
2-3 KM					
1X	9.00	X 1.15	X 0.075	=	0.776
3X	4.00	X 1.80	X 0.075	=	1.620
2X	7.00	X 1.00	X 0.075	=	1.050
4X	8.00	X 1.90	X 0.075	=	4.560
2X	6.00	X 1.60	X 0.075	=	1.440
3X	10.00	X 2.90	X 0.075	=	6.525
4X	6.00	X 1.90	X 0.075	=	3.420
3X	8.00	X 2.15	X 0.075	=	3.870
1X	9.00	X 1.75	X 0.075	=	1.181
3-4 KM					
1X	4.00	X 1.05	X 0.075	=	0.315
2X	4.00	X 1.20	X 0.075	=	0.720
2X	5.00	X 1.90	X 0.075	=	1.425
1X	6.00	X 1.65	X 0.075	=	0.742
3X	7.00	X 1.20	X 0.075	=	1.89
			Total =		74.847 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F =	74.847 m³
4x	6.00	x 1.80	x 0.075	=	3.420
5x	8.00	x 1.90	x 0.075	=	5.700
6x	7.00	x 1.90	x 0.075	=	5.985
4x	6.00	x 1.60	x 0.075	=	2.880
2x	9.00	x 0.60	x 0.075	=	0.810
				Total =	93.642 m³
(4) P/w & applying primer coat with bitumen emulsion (SS-1) — do — etc.					
Same Area of above Item No- (3)					
			B/F =		
(5) P/w & applying tack coat with bitumen using emulsion (RS-1) — do — etc.					
Same Area of above Item No- (4)					
			Area	=	

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(1) PW & applying Primer Coat with bitumen emulsion (SS-1) ——do——					(m2)
	2	5.00	0.90	=	9.00
	1	6.00	1.90	=	11.40
	3	10.00	1.25	=	37.50
	4	8.00	1.90	=	60.80
	5	9.00	1.70	=	76.50
	1	5.00	1.90	=	9.00
	2	10.00	2.90	=	58.00
	1	2.00	1.90	=	3.80
	3	6.00	1.70	=	30.60
	4	3.00	1.90	=	22.80
	2	4.00	1.20	=	9.60
	5	4.00	1.60	=	32.00
	1	9.00	1.90	=	17.10
	5	2.00	1.60	=	16.00
	4	6.00	1.60	=	38.40
	6	7.00	1.60	=	67.20
	5	8.00	2.60	=	104.00
	1	9.00	1.15	=	10.35
	3	4.00	1.80	=	21.60
	2	7.00	1.00	=	14.00
	4	8.00	1.90	=	60.80

Total = 710.45 m²

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B/f = 710.45 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	6.00	1.60	=	19.20
	3	10.00	2.90	=	87.00
	4	6.00	1.90	=	45.60
	3	8.00	2.15	=	51.60
	1	9.00	1.75	=	15.75
	1	4.00	1.05	=	~~3.85~~ 4.20
	2	4.00	1.20	=	9.60
	2	5.00	1.90	=	19.00
	1	6.00	1.65	=	9.90
	3	7.00	1.20	=	25.20
	4	6.00	1.90	=	45.60
	5	8.00	x 1.90	=	76.00
	6	7.00	1.90	=	79.80
	4	6.00	1.60	=	38.40
	2	9.00	0.60	=	10.80
			Total =		1248.60 m²
(2.) P/L & applying tack coat with bitumen emulsion (RS-1) ~~do E/9.~~					
Same Area of above item No.-(1)					
			Area	=	1248.60 m²
In PCC Portion					
5 x	1.95	x 0.90		=	8.77 m²

Total = 1257.37 m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/f =	1257.37 m²
	8 X	2.50 X	1.70	=	34.00 m²
	5X	4.20 X	1.95	=	40.95 m²
	7X	3.80 X	1.55	=	41.23 m²
	9 x	2.95 x	1.80	=	47.79 m²
	10X	5.60 x	1.65	=	92.40 m²
	5X	1.85 X	2.60	=	24.05 m²
	5X	8.95 X	3.75	=	167.81 m²
	7X	4.90 X	1.85	=	63.45 m²
	8X	2.10 X	1.95	=	32.76 m²
		Total		=	1801.81 m²
		Limit		=	1801.73 m²
(3) Patch repair work P/L, laying & rolling of closed graded Premix Carpet 20mm — do — (B/g)					
Same Area of above item No — (2)					
		Area		=	1801.81 m²
		Limit		=	1801.73 m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1.) P/V & applying tack coat with bitumen emulsion (RS-1)					
——— do ——— Elg.					(m²)
1x10 x30.00 x 3.80(av) ~~x0.025~~					= 1140.00
1x10x 30.00 x 3.75(av) ~~x0.025~~					= 1125.00
1x10x 30.00 x 3.75(av) ~~x0.025~~					= 1125.00
1x10x 30.00 x 3.75(av) ~~x0.025~~					= 1125.00
1x10 x30.00 x 3.75(av)					= 1125.00
1x10 x 30.00 x 3.75(av)					= 1125.00
1x10x 30.00 x 3.80(av)					= 1140.00
1x10x 30.00 x 3.75(av)					= 1125.00
1x10x 30.00 x 2.75(av)					= 1125.00
1x10x 30.00 x 3.75(av)					= 1125.00
1x10x 30.00 x 3.80(av)					= 1140.00
1x10x 30.00 x 3.75(av)					= 1125.00
1x ~~10~~ 3 x 30.00 x 3.75(av)					= 337.50 m²
1x1x 18.00 x 3.90(av)					= 70.20 m²
Extra widdening					
1x5x 22.10(av) x 0.85(av)					= 93.92 m²
				Total	= 14046.62 m²
(2.) P/V & laying semi dense bitumenous concrete with 100-120 TPH					
——— do ——— Elg.					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Continue Item No-(2)					
	1X10X	30.00X	3.80X	0.025 =	28.50m³
	1X10X	30.00X	3.75X	0.025 =	28.125 m³
	1X10X	30.00	X3.75X	0.025 =	28.125 m³
	1X10X	30.00X	3.75X	0.025 =	28.125 m³
	1X10X	30.00X	3.75X	0.025 =	28.125 m³
	1X10X	30.00X	3.75X	0.025 =	28.125 m³
	1X10X	30.00	X3.80X	0.025 =	28.50 m³
	1X10X	30.00X	3.75X	0.025 =	28.125 m³
	1X10X	30.00X	3.75X	0.025 =	28.125 m³
	1X10X	30.00X	3.75X	0.025 =	28.125 m³
	1X10X	30.00X	3.80X	0.025 =	28.50 m³
	1X10X	30.00X	3.75X	0.025 =	28.125 m³
	1X3X	30.00X	3.75X	0.025 =	08.44 m³
	1X1X	18.00X	3.90X	0.025 =	1.75 m³
Extra widdening					
	1X5X	22.10(av)X	0.85(av)X	0.025 =	2.35 m³
				Total =	351.165 m³
				Limit =	351.11 m³
(3) Constn of subgrade & earthen shoulders with approved Material — do — etc.					(M3)
	2X10X	30.00	X1.00X	0.600 =	360.00
	2X10X	30.00	X1.00X	0.600 =	360.00
				Total =	720.00 m³

Continuation

Sch. XLV-Form No. 134

B/F = 720 m³

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	2	10	30.00	1.00	0.600 = 360.00 m³
	2	10	30.00	1.00	0.600 = 360.00 m³
	2	10	30.00	1.00	0.600 = 360.00 m³
	2	10	30.00	1.00	0.600 = 360.00 m³
	2	10	30.00	1.00	0.600 = 360.00 m³
	2	4	30.00	1.00	0.700 = 168.00 m³
	2	10	30.00	0.500	0.600 = 180.00
	2	10	30.00	0.500	0.300 = ~~180.00~~ 90.00
	2	10	30.00	0.500	0.300 = 90.00
	2	10	30.00	0.500	0.300 = 90.00
	2	10	30.00	0.500	0.300 = 90.00
	2	9	30.00	0.500	0.300 = 81.00
				Total =	3141.00 m³
				Limit =	3122.10 m³

(4.) PIV RCC M15 grade
KM & 200m Stone
——— do ——— Elg.

(i) KM Stone — 06 Nos.
(ii) 200m Stone — 14 Nos.

(5) PIV Retro reflectorised traffic Sign Direction & place Identification
——— do ——— Elg.

8 X 1.20 X 0.80 = 7.68 m²

Total = 7.68 m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6.) P/V & fixing of retro reflectorised Cautionary, mandatory & informatory — do — E19.					
(i) 600 mm equilateral triangle			Qty = 62 Nos.		
(ii) 600 mm circular Qty = 26 Nos.					
(iii) 600 X 450 mm rectangular			Qty = 18 Nos.		
(iv) 900 mm side octagonal			Qty = 04 Nos.		
(7.) P/V RCC M15 grade boundary pillars — do — E19.					
			Qty = 204 Nos.		
(8.) planting of trees & their maintenance of one year — do — E19.					
			Qty = 112 Nos.		
(9.) P/V & laying of hot applied thermo-plastic compound 2.50 mm thick — do — E19.					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) At Bridge					
	2X10X	30.00X	0.100	=	60.00m²
	2X10X	30.00X	0.100	=	60.00m²
	2X10X	30.00X	0.100	=	60.00m²
	2X10X	30.00X	0.100	=	60.00m²
	2X10X	30.00X	0.100	=	60.00m²
	2X10X	30.00X	0.100	=	60.00m²
	2X10X	30.00X	0.100	=	60.00m²
	2X10X	30.00X	0.100	=	60.00m²
	2X10X	30.00X	0.100	=	60.00m²
	2X10X	30.00X	0.100	=	60.00m²
	2X10X	30.00X	0.100	=	60.00m²
	2X10X	30.00X	0.100	=	60.00m²
	2X3X	30.00X	0.100	=	18.00m²
	2X1X	18.00X	0.100	=	3.60m²
				Total =	741.60m²
(ii) Pedestrain Crossing					
	6X	6X	0.50X	2.00 =	36.00m²
				Total =	36.00m²
10. P/V Plastering with CM (1:4) on brick work in Sub structure					
do- [illegible]					
	4X	6.15X	0.60	=	14.76m²
	2X	6.15X	0.40	=	4.92m²
	4X	0.40X	0.60	=	0.96m²
				Total =	20.64m²

Continuation

For four Nos culvert

4X 20.64m² = 82.56m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(11) Painting two coats					
including primer coat					
—— do —— Rly.					
	4X	4.00	X 0.60	=	9.60 m²
	2X	4.00	x 6.15	=	49.20 m²
	4X	0.40	x 0.60	=	0.96 m²
					/
			Total	=	59.76 m²
For four Nos culvert					
	4X	59.76 m²	=		239.04 m²
(12) Plastering with cement					
mortar (1:4) on Brick					
work —— do —— Rly.					
	4X	6.00	X 0.60	=	14.40 m²
	2X	6.00	X 0.40	=	4.80 m²
	4X	0.40	X 0.60	=	0.96 m²
					/
			Total	=	20.16 m²
~~For th~~					
(13) Painting two coats					
including primer coat					
—— do —— Rly.					
	4X	4.00	X 0.60	=	9.60 m²
	2X	4.00	X 6.00	=	48.00 m²
	4X	0.40	X 0.60	=	0.96 m²
					/
			Total	=	58.56 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(14.) B/w in CM (1:3) in Parapet wall					
—— do —— Slg.					
	2X	8.00	X 0.40	X 0.60 =	3.84 m³
					/
			Total =		3.84 m³
For two Nos Culverts = 2 X 3.84 = 7.68 m³					
(15.) Plastering with CM (1:4) on Brick work in Sub structure					
—— do —— Slg.					
	4X	8.00	X 0.60	=	19.20 m²
	2X	8.00	X 0.40	=	6.40 m²
	4X	0.40	X 0.60	=	0.96 m²
					/
			Total	=	26.56 m²
For two Nos Culvert					
	2X	26.56 m²		=	53.12 m²
(16.) Painting two Coats including Primer coats					
—— do —— Slg.					
	4X	4.00	X 0.60	=	9.60 m²
	2X	4.00	X 8.00	=	64.00 m²
	4X	0.40	X 0.60	=	0.96 m²
					/
			Total =		74.56 m²
For two Nos culvert					
	2X	74.56 m²		=	149.12 m²

Continuation

Beh. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(17.) Painting two Coats					
including prime Coats					
—do— E/9.					
2 ×	8.80	× 0.400	=		7.04 m²
4 ×	8.80	× 0.60	=		21.12 m²
4 ×	0.40	× 0.60	=		0.96 m²
					/
		Total	=		29.120 m²

31/08/2022
JE

Continuation

Abstract of cost
1st & Final Bill
27

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(1) Clearing & Grubbing Road land including					
—— do —— Qty.					
Qty = 0.740 Heet vide P-(2)					
@ Rs. 51133.76/Heet					Rs. 37839.00
(2) Constn of subgrade & earthen shoulders					
—— do —— Qty.					
Qty = 3122.10 m³ vide P-(21)					
@ Rs. 176.86/m³					Rs. 552175.00
(3) Constn of granular Sub base (GSB Gr-II)					
—— do —— Qty.					
Qty = 53.03 m³ vide P-(11)					
@ Rs. 2027.45/m³					Rs. 107516.00
(4) P/V, buying & Stacking					
WBM-2 —— do —— Qty.					
Qty = 847.49 m³ @ vide P-(13)					
@ 3605.96/m³					Rs. 171247.00
(5) P/V, buying, stacking & Completely stone (WBM-3)					
—— do —— Qty.					
Qty = 93.642 m³ vide P-(15)					
@ Rs. 3326.61/m³					Rs. 311510.00
(6) P/V & applying primer coat with bitumen					
emulsion (SS-1) —— do —— Qty.					
					Total = 1180287.00

Continuation

Sch. XLV-Form No. 134 B/f = 1180287.00

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Continue Item No- (6)					
Qty = 1248.60 m² vide P-(17)					
	@Rs. 45.00/m² —				Rs. 56187.00
(7.) Patch repair over WBM using MSS (type-B) 20 mm thick					
—do— Elq.					
Qty = 1801.73 m² vide P-(18)					~~367823.00~~
	@Rs. 204.15/m² —				Rs. ~~367823.00~~
(8.) P/L & applying tack coat with bitumen emulsion (RS-1)					
—do— Elq.					
Qty = 1801.73 m² vide P-(18)					
14046.62 m² vide P-(19)					
Total = 15848.35 m²					
Limit 15848.78 m²					
	@Rs. 15.30/m² —				Rs. 242440.00
(9.) P/L & laying SDBC with 100-120 TPH					
—do— Elq					
Qty = 351.11 m³ vide P-(20)					
	@Rs. 10417.63/m³ —				Rs. 3657734.00
(10.) P/L PCC M15 grade KM & 200 m Stone					
—do— Elq.					
(i) KM Stone					
Qty = 06 Nos vide P-(21)					
	@Rs. 2219.53/Nos —				Rs. 13317.00

Continuation

Total = 5517788.00

Sch. XLV-Form No. 134

B/F = Rs. 5517788.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 200mm Stone					
Qty = 14 Nos vide P-(21)					
	@Rs.	594.64/Nos		— Rs.	8325.00
(11) P/V retro reflectorised traffic sign, direction & place identification — do — Etc					
Qty = 7.68 m² vide P-(21)					
	@Rs.	12327.61/m²		— Rs.	94676.00
(12) P/V & fixing of retro reflectorised. Cautionary, Mandatory — do — Etc.					
(i) 600mm equilateral triangle					
Qty = 62 Nos vide P-(22)					
	@Rs.	3636.54/Nos		— Rs.	225465.00
(ii) 600mm Circular					
Qty = 26 Nos vide P-(22)					
	@Rs.	3733.08/Nos		— Rs.	~~86~~ 97060.00
(iii) 600 X 450 mm rectangular					
Qty = 18 Nos vide P-(22)					
	@Rs.	3603.96/Nos		— Rs.	64871.00
(iv) 900mm Side Octagonal					
Qty = 04 Nos vide P-(22)					
	@Rs.	7596.75/Nos		— Rs.	30387.00
		Total =			6038572.00

Continuation

Sch. XLV-Form No. 134   B/F = 6038572.00

Particulars	No.	L.	B.	D.	Contents of area
(13.) P/W RCC M15 grade boundary pillars -do- etc.					
Qty = 204 Nos vide P-(22)					
@Rs. 485.14/Nos — Rs.					98969.00 ~~485.14~~
~~(14.)~~ (15) Planting of tree by the ~~tree~~ road side -do- etc.					
Qty = 112 Nos vide P-(22)					
@Rs. 819.92/Nos — Rs.					91831.00
~~(15)~~ (16) P/W & laying of hot applied thermoplastic compound 2.50mm -do- etc.					
(i) At Edge Qty = 741.60 m² vide P-(23)					
@Rs. 735.44/m² — Rs.					545402.00
~~(16)~~					
(ii) Pedestrain Crossing					
Qty = 36.00 m² vide P-(23)					
@Rs. 735.44/m² — Rs.					26476.00
~~(16)~~ (17) P/W and fixing of typical MMGSY informatory sign board -do- etc.					
Qty = 04 Nos vide P-(1)					
@Rs. 9441.70/Nos — Rs.					37767.00
				Total =	6839017.00

Sch. XLV-Form No. 134 B/f = Rs. 6839017.00

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(17)/(18) P/V plastering CM (1:4) on brick work in sub structure — do — e/g.					
Qty = 82.56 m² vide P-(23) @ Rs 180.27/m² —					Rs 14883.00
(18)/(19) P/V painting two coats including primer coats — do — e/g.					
Qty = 239.04 m² vide P-(24) @ Rs. 97.19/m² —					Rs 23232.00
(19)/(20) P/V plastering with cement mortar (1:4) brick work in sub structure — do — e/g.					
Qty = 20.16 m² vide P-(24) @ Rs. 180.27/m² —					Rs. 3634.00
(20)/(21) P/V painting two coats primer coats — do — e/g.					
Qty = 58.55 m² vide P-(24) @ Rs. 97.19/m² —					Rs. 5691.00
(21)/(22) P/V brick massonary work in cement mortar (1:3) — do — e/g.					
Qty = 7.68 m³ vide P-(25) @ Rs. 5781.57/m³ —					Rs. 44402.00

Continuation

Total = 6930859.00

Sch. XLV-Form No. 134 B/F = Rs. 6930859.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22)/(23) Plastering with CM (1:4) on brick work — do — Elq.					
Qty = 53.12 m² vide P- (25)					
@ Rs. 180.27/m² — Rs. 9576.00					
(23)/(24) Painting two coats including primer coats — do — Elq.					
Qty = 149.12 m² vide P (25)					
@ Rs. 97.12/m² — Rs. 14493.00					
(24)/(25) E/W in excavation for foundn of structure — do — Elq.					
Qty = 119.04 m³ vide P (2)					
@ Rs. 269.32/m³ — Rs. 32060.00					
(25)/(26) P/W PCC M15 grade Concrete in open foundn — do — Elq.					
Qty = 8.44 m³ vide P- (3)					
@ Rs. 5441.89/m³ — Rs. 45930.00					
(26)/(27) P/W M20 grade concrete in open foundn — do — Elq.					
Qty = 30.48 m³ vide P (5)					
3.42 m³ vide P- (10)					
Total = 33.90 m³					
@ Rs. 6179.65/m³ — Rs. 209490.00					

Continuation

Total = 7242408.00

Sch. XLV-Form No. 134 B/F=₹. 7242408.00

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(27) (28) S/f & Placing HYSD bar reinforcement in foundation					
——— do ——— Elg.					
Qty = 0.094 MT vide P-(2)					
@ ₹. 45647.38/MT					₹. 4291.00
(28) (29) PIV PCC M10 grade Concrete in Sub Structure					
——— do ——— Elg.					
Qty = 20.97 m³ vide P-(6)					
@ ₹. 6179.65/m³					₹. 129587.00
(29) (30) PIV Weep holes in brick Masonry/RCC/PCC					
——— do ——— Elg					
Qty = 42 Nos vide P-(5)					
@ ₹. 215.82/Nos					₹. 9064.00
(30) (31) PIV RCC M25 grade Concrete in Sub-Structure					
——— do ——— Elg.					
Qty = 18.84 m³ vide P-(5)					
@ ₹. 6363.63/m³					₹. 119891.00
(31) (32) S/f & Placing HYSD bar reinforcement in Sub Structure Elg					
Qty = 1.42 MT vide P-(4)					
@ ₹. 45790.84/MT					₹. 65023.00

Total = 7570264.00

Sch. XLV-Form No. 134

B/F = 7570264.00

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(32) (33) P/W Back filling behind Abutment wing wall and return wall —do— Elg.					
Qty = 33.78 m³ vide P- (6) @ ₹. 3442.46/m³					₹ 116286.00
(33) (34) P/W & laying filter Media with grandar Crushed —do— Elg.					
Qty = 22.86 m³ vide P- (6) @ ₹. 2914.62/m³					₹. 66628.00
(34) (35) P/W & laying RCC M30 grade concrete in Super Structure —do— Elg.					
Qty = 7.68 m³ vide P- (8) @ ₹. 7359.53/m³					₹. 56521.00
(35) (36) S/F & Placing HYSD bar reinforcement in Super Structure —do— Elg.					
Qty = 0.650 MT vide P- (8) @ ₹. 46841.46/MT					₹ 30447.00
			Total		₹. 7840146.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(36)/(37) P/W M20 grade Concrete in Sub structure —do— Elg. in Parapet Constg.					
Qty = 4.22 m³ vide P-(8)					
	@Rs. 6179.65/m³			— Rs.	26078.00
(37)/(38) Painting on parapet wall including primer coat —do— Elg.					
Qty = 26.120 m² vide P-(26)					
	@Rs. 97.19/m²			— Rs.	2830.00
(38)/(39) P/W Drainage spouts —do— Elg.					
Qty = 04 Nos vide P-(8)					
	@Rs. 208.14/Nos			— Rs.	833.00
(39)/(40) P/W & laying cement concrete wearing course (M30) —do— Elg.					
Qty = 1.48 m³ vide P-(9)					
	@Rs.	10320.97/m³		— Rs.	15275.00
		Total = Rs.			7885162.00
Add 13%. (GST+LC) (+) Rs.					1025071.00
		Total = Rs.			8910233.00
Less 2.88% as per Agreement (−) Rs.					256615.00
		Total = Rs.			8653618.00

Sd/- 31/08/2022 JE

Continuation

C&P

Sd/- 31-08-2022 EE