1st on A/c Bill

Construction, final

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Road :- Repair of					
Road from Latha					
Koshi Nahar Purbi					
tola se tirhut					
chowk Byepass PWD					
Sarak hote hue					
Sarahi chowk tak.					
N/Agency :- M/s Krishna Costn.					
Chandni chowk, Saharsa					
A. No :- 05/MBD/MR/2020-21					
A. Rate :- 2.75% Below.					
Date of commencement :- 23.09.20					
Time of Completion :- 22.06.21					
① P/V & fixing of typical					
MMGSY Information Sign					
board — do — E19.					
(i) Logo of project —					02 Nos.
(ii) Citizen information —					01 Nos.
Total =					03 Nos.

Continuation

Sch. XLV–Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(02.) Clearing & grubbing road land (By Manual)					
—do— Efg.					
2X 10X	30.00	X 1.00		=	600.00 m²
2 X 10X	30.00	X 1.00		=	600.00 m²
2X 10 X	30.00	X 1.00		=	600.00 m²
2X10X	30.00	X 1.00		=	600.00 m²
2X10X	30.00	X 1.00		=	600.00 m²
2X 10X	30.00	X 1.00		=	600.00 m²
2X10X	30.00	X 1.00		=	600.00 m²
2X 10 X	30.00	X 1.00		=	600.00 m²
					/
		Total		=	4800.00 m²
				=	0.48 Hect
(03.) Constn of granular Sub base (GSB Gr-II)					
0-1 Km					
4X	3.90	X 0.95	X 0.	175 =	2.59 m³
2X	8.00	X 1.20	X 0.1	75 =	3.36 m³
3X	7.00	X 0.90	X 0.1	75 =	3.31 m³
2X	2.30	X 1.05	X 0.	175 =	0.85 m³
3X	5.00	X 0.85	X 0.	175 =	2.23 m³
3X	5.35	X 0.90	X 0.	175 =	2.53 m³
2X	2.70	X 1.00	X 0.	175 =	0.95 m³
2X	2.50	X 1.00	X 0.	175 =	0.87 m³
3X	3.00	X 1.20	X 0.	175 =	1.89 m³
5X	3.50	X 0.90	X 0.	175 =	2.76 m³
				Total =	21.34 m³

Sch. XLV–Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F	~~=~~	21.34 m³
1–2 KM					
2X	4.30	X 0.	90 X 0.175	=	1.35 m³
3X	2.60	X 1.00	X 0.175	=	1.36 m³
1X	3.00	X 0.80	X 0.175	=	0.42 m³
3X	3.60	X 0.90	X 0.175	=	1.70 m³
5X	4.23	X 0.70	X 0.175	=	2.59 m³
2X	2.10	X 1.10	X 0.175	=	0.81 m³
3X	2.10	X 0.90	X 0.175	=	0.99 m³
4X	2.00	X 1.10	X 0.175	=	1.54 m³
2X	2.00	X 0.85	X 0.175	=	0.59 m³
7X	3.10	X 1.150	X 0.175	=	4.37 m³
		~~Total =~~			
2 – 2.40 KM					
2X	3.60	X 1.10	X 0.175	=	1.39 m³
5X	3.90	X 1.15	X 0.175	=	3.92 m³
6X	3.20	X 1.00	X 0.175	=	3.36 m³
4X	3.20	X 0.950	X 0.175	=	2.13 m³
6X	2.00	X 1.20	X 0.175	=	2.52 m³
5X	3.90	X 1.00	X 0.175	=	3.41 m³
		Total =			53.79 m³

10/10 JE

10/10/22 A.E

Continuation

Sch. XLV–Form No. 134

Particulars	Details of actuai measurement No.	L.	B.	D.	Contents of area
(1) P/W, laying, spreading & compacting Stone aggregates (WBM-2)					
——— do ——— B/F.					
0-1km					
4X	5.50	X 1.30	X 0.075		= 2.14 m³
2X	11.20	X 1.70	X 0.075		= 2.86 m³
3X	9.80	X 1.30	X 0.075		= 2.87 m³
2X	3.00	X 1.50	X 0.075		= 0.72 m³
3X	7.00	X 1.20	X 0.075		= 1.89 m³
3X	7.50	X 1.30	X 0.075		= 2.19 m³
2X	3.50	X 1.40	X 0.075		= 0.74 m³
2X	3.50	X 1.40	X 0.075		= 0.73 m³
3X	4.20	X 1.70	X 0.075		= 1.61 m³
5X	4.90	X 1.30	X 0.075		= 2.39 m³
1-2km					
2X	6.20	X 1.30	X 0.075		= 1.21 m³
3X	3.80	X 1.50	X 0.075		= 1.28 m³
1X	4.40	X 1.20	X 0.075		= 0.40 m³
3X	5.20	X 1.30	X 0.075		= 1.52 m³
5X	6.10	X 1.40	X 0.075		= 2.29 m³
2X	3.00	X 1.60	X 0.075		= 0.72 m³
3X	3.00	X 1.30	X 0.075		= 0.88 m³
4X	2.90	X 1.60	X 0.075		= 1.39 m³
2X	2.90	X 1.20	X 0.075		= 0.52 m³
7X	4.50	X 1.70	X 0.075		= 4.02 m³
			Total =		32.37 m³

Continuation

Sch. XLV–Form No. 134 B/F = 32.37 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2-2.40 KM					
	2X	5.20	X 1.60	X 0.075	= 1.25 m³
	5X	5.70	X 1.70	X 0.075	= 3.63 m³
	6X	4.60	X 1.50	X 0.075	= 3.10 m³
	4X	4.60	X 1.40	X 0.075	= 1.93 m³
	6X	2.90	X 1.70	X 0.075	= 2.22 m³
	5X	5.70	X 1.50	X 0.075	= 3.21 m³
				Total =	47.71 m³

24/10/22 (signature)

(signature) 24/10/22 A.E.

① S/V, laying, spreading & compacting Stone aggregates (WBM-3)					
~~do~~ e/9.					
0-1 Km					
	4X	8.40	X 2.00	X 0.075	= 5.04 m³
	2X	17.00	X 2.60	X 0.075	= 6.63 m³
	3X	9.80	X 1.30	X 0.075	= 2.87 m³
	6X	4.90	X 2.30	X 0.075	= 5.07 m³
	3X	10.60	X 1.80	X 0.075	= 4.29 m³
	3X	11.40	X 2.00	X 0.075	= 5.13 m³
	2X	5.80	X 2.10	X 0.075	= 1.83 m³
	2X	5.30	X 2.10	X 0.075	= 1.67 m³
	3X	6.40	X 2.60	X 0.075	= 3.74 m³

Continuation

5X 7.40 X 2.00 X 0.075 = 5.55 m³

Total = ~~38.08 m³~~ 41.82 m³

Sch. XLV–Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/f =		41.82m³ ~~38.08~~
1-2 km ~~2-2 km~~					
	2x	9.50 x	2.00 x	0.075 =	2.85m³
	3x	5.90 x	2.30 x	0.075 =	3.05m³
	8x	6.80 x	1.80 x	0.075 =	7.34m³
	3x	8.00 x	2.10 x	0.075 =	3.80m³
	5x	9.40 x	1.50 x	0.075 =	5.29m³
	2x	4.60 x	2.50 x	0.075 =	1.72m³
	3x	4.60 x	2.00 x	0.075 =	2.07m³
	4x	4.50 x	2.50 x	0.075 =	3.37m³
	2x	4.50 x	1.80 x	0.075 =	1.21m³
	7x	6.90 x	2.60 x	0.075 =	9.42m³
2-2.40 km					
	4x	8.10 x	2.50 x	0.075 =	6.07m³
	8x	8.80 x	2.60 x	0.075 =	13.73m³
	6x	7.10 x	2.30 x	0.075 =	7.35m³
	4x	7.10 x	2.20 x	0.075 =	4.69m³
	6x	4.50 x	2.60 x	0.075 =	5.26m³
	5x	8.80 x	2.30 x	0.075 =	7.59m³
			Total =		126.43m³

② Costn. of embankment Subgrade & earthen shoulders do. (?)

	2x10x	30.00 x	1.50 x	0.600 =	540.00m³
	2x10x	30.00 x	1.50 x	0.600 =	540.00m³
	2x10x	30.00 x	1.50 x	0.600 =	540.00m³
	2x10x	30.00 x	1.50 x	0.600 =	540.00m³

Continuation

2x10x 30.00 x 1.50 x 0.600 = 540.00m³

2x10 x 30.00 x 1.00 x 0.600 = 360.00m³

Total = 3060.m³

[signature] 31/10/22 JE

[signature] 31/10/22 A.E.

Sch. XLV–Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(1) P/V & applying primer					
Coats with Bitumen					
emulsion (SS-1)					
——— do ——— Pg.					
	4X	8.40	X 2.00	=	67.20 m²
	2X	17.00	X 2.60	=	88.40
	3X	9.80	X 1.30	=	38.22
	6X	4.90	X 2.30	=	67.62
	3X	10.60	X 1.80	=	57.24
	3X	11.40	X 2.00	=	68.40
	2X	5.80	X 2.10	=	24.36
	2X	5.30	X 2.10	=	22.26
	3X	6.40	X 2.60	=	49.92
	5X	7.40	X 2.00	=	74.00
(2) 1-2KM					
	2X	9.50	X 2.00	=	38.00
	3X	5.90	X 2.30	=	40.71
	8X	6.80	X 1.80	=	97.92
	3X	8.00	X 2.00	=	48.00
	5X	9.40	X 1.50	=	70.50
	2X	4.60	X 2.50	=	23.00
	3X	4.60	X 2.00	=	27.60
	4X	4.50	X 2.50	=	45.00
	2X	4.50	X 1.80	=	16.20
	7X	6.90	X 2.60	=	125.58
			Total	=	1090.13 m²

Continuation

Sch. XLV–Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/f	=	1090.13m²
2–2.40 KM					
	4x	8.10	x	2.50 =	81.00
	8x	8.80	x	2.60 =	183.04
	6x	7.10	x	2.30 =	97.98
	4x	7.10	x	2.20 =	62.48
	6x	4.50	x	2.60 =	70.20
	5x	8.80	x	2.30 =	101.20
					✓
			Total	=	1686.03m²
(2.) P.I.V	& applying tack				
Coats with Bitumen					
emulsion (RS-1)					
——— do ——— Qt.					
BT Portion					
Same Area As about					
	Item		No.(1)	=	1686.03m²
PCC Portion					
	5x	1.90	x 2.65	=	25.17m²
	7x	4.80	x 1.90	=	63.84m²
	8x	7.60	x 1.80	=	109.44m²
	7x	4.15	x 2.10	=	61.00m²
	9x	6.95	x 1.70	=	106.33m²
					✓
			Total		= 2051.81m²
			Limit		= 2051.66m²

Continuation

Sch. XLV–Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3.) P/L, laying & rolling of closed graded PMC MSS (type B) with 20mm thick — do — E/S.					
Same Area of Above Area Item No — (2)					
		Area	=	2051.66m²	
04/12/22		4/12/22 AE			
(1) P/L & applying tack coats with Bitumen emulsion (RS-1) — do — E/S.					
1×10×	30.00×	3.75(av)	=		1125.00m²
1×10×	30.00×	3.75(av)	=		1125.00m²
1×10×	30.00×	3.75(av)	=		1125.00m²
1×10×	30.00×	3.75(av)	=		1125.00m²
1×10×	30.00×	3.75(av)	=		1125.00m²
1×10×	30.00×	3.75(av)	=		1125.00m²
1×10×	30.00×	3.75(av)	=		1125.00m²
~~1×10×~~	~~30.00×~~	~~3.75(av)~~	~~=~~		/
		Total	=		7875.00m²

Continuation

Sch. XLV–Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B/f =					7875.00 m²
Extra widdening					
9×30.00 × 3.75(av) =					1012.50 m²
1×4.50(av) × 4.92(av) =					22.14 m²
1×6.50(av) × 5.07(av) =					32.95 m²
1×4.00(av) × 4.57(av) =					18.28 m²
3×12.10(av) × 0.75(av) =					27.22 m²
5×13.25(av) × 0.70(av) =					46.37 m²
~~1×15.00 × 3.75(av) =~~					~~56.25 m²~~
Total =					~~8078.21 m²~~ 9090.71 m²
(2) P/L & Laying semi dense bitumen concrete (SDBC) -do- E9					
1×10×30.00×3.75(av)×0.025 =					28.125 m³
1×10×30.00×3.75(av)×0.025 =					28.125 m³
1×10×30.00×3.75(av)×0.025 =					28.125 m³
1×10×30.00×3.75(av)×0.025 =					28.125 m³
1×10×30.00×3.75(av)×0.025 =					28.125 m³
1×10×30.00×3.75(av)×0.025 =					28.125 m³
1×10×30.00×3.75(av)×0.025 =					28.125 m³
1×9×30.00×3.75(av)×0.025 =					25.312 m³
1×1×15.00×3.75(av)×0.025 =					1.41 m³
Extra widdening					
1×4.50(av)×4.92(av)×0.025 =					0.55 m³
1×6.50(av)×5.07(av)×0.025 =					0.82 m³
1×4.00(av)×4.57(av)×0.025 =					~~0.58~~ 0.46 m³
3×12.10(av)×0.75(av)×0.025 =					0.68 m³
5×13.25(av)×0.70(av)×0.025 =					1.16 m³
Total =					227.27 m³
Limit =					227.25 m³

Continuation

Sch. XLV–Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(3.) P/V RCC M15 grade					
KM & 200m Stone					
——— do ——— Etg.					
(i) KM Stone	= 04 Nos.				
(ii) 200m Stone	= 09 Nos.				
(4.) P/V Retro-reflectorised					
Cautionary Mandatory					
Sign, Direction and					
Place identification					
Sign ——— do ——— Etg.					
6X	1.20	X 0.80	= 5.76 m²		
					/
		Total =	5.76 m²		
(5.) P/V & fixing of					
retro-reflectorised					
Cautionary Mandatory					
Sign ——— do ——— Etg.					
(i) 600mm equilateral					
triangle	= 54.00 Nos.				
(ii) 600mm Circular	= 18.00 Nos.				
(iii) 600x450mm rectangular	= 12.00 Nos.				
(iv) 900mm Side Octagonal	= 04 Nos.				
(6.) P/V RCC M15 grade					
Boundary Pillar					
——— do ——— Etg.					

Continuation

Qty = 08 Nos.

Sch. XLV–Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7.) P/L Road Marking with hot applied thermoplastic Compound with reflectorised Glass beads — do — E/9.					
(i) At Edge					
2 × 10	× 30.00 ×		0.100	=	60.00 m^2
2 × 10	× 30.00 ×		0.100	=	60.00 m^2
2 × 10	× 30.00 ×		0.100	=	60.00 m^2
2 × 10	× 30.00 ×		0.100	=	~~600~~ 60.00 m^2
2 × 10 ×	30.00 ×		0.100	=	60.00 m^2
2 × 10 ×	30.00	×	0.100	=	60.00 m^2
2 × 10 ×	30.00	×	0.100	=	60.00 m^2
2 × 10 ×	30.00 ×		0.100	=	60.00 m^2
			Total	=	480.00 m^2
(ii) Pedestal Crossing					
6 × 6	0.50 × 2.00			=	36.00 m^2
			Total	=	36.00 m^2
(8.) P/L & fixing of typical MMGSY Maintenance Board — do — E/9.					
(i) Maintenance board				=	01 Nos.
			Total	=	01 Nos.

[signature] 11/12/2022 JE [signature] 11/12/22 A.E

Continuation

Work has been completed as per T.S. & E/9.

[signature] 11/12/22

Abstract of cost

Sch. XLV–Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1.) clearing & grubbing road land -do- etc.					
Qty =	0.48 Hect ~~2060.00m²~~	vide P-(2)			
		@₹. 51133.76/Hect		₹.	24544.00
(2.) Constn of Subgrade & earthen shoulders —— do —— etc.					
Qty =	3060.00 m³	vide P-(6)			
		@₹. 187.61/m³		₹.	574087.00
(3.) Constn of granular sub base by providing well graded (GSB Gr-II) —— do —— etc.					
Qty =	53.79 m³	vide P-(3)			
		@₹. 1876.00/m³		₹.	100910.00
(4.) P/V, laying, spreading & compacting (WBM Gr-II) —— do —— etc.					
Qty =	47.71 m³	vide P-(5)			
		@₹. 3269.64/m³		₹.	155995.00
(5.) P/V, laying, spreading and compacting (WBM-3) —— do —— etc.					
Qty =	126.43 m³	vide P-(6)			
		@₹. 3040.67/m³		₹.	384432.00
				Total =	1239968.00

Continuation

Sch. XLV–Form No. 134 B/F = 1239968.00

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(6) P/V & applying Primer Coat with Bitumen emulsion (RS-1)					
——— do ——— @/q.					
Qty =	1686.03 m² vide ref-(8)				
	@ Rs. 42.63/m² = Rs.				71875.00
(7) P/V, laying & rolling dbc close graded MSS type-B with 20mm thick ——— do ——— @/q.					
Qty =	2051.66 m² vide ref (9)				
	@ Rs 191.15/m² = Rs.				392175.00
(8) P/V & applying tack coats (RS-1) ——— do ——— @/q.					
Qty =	2051.66 m² vide ref (8)				
=	9090.71 m² vide ref (10)				
Total = 11142.37 m²					
Limit = 11141.65 m²					
	@ Rs. 14.48/m² = Rs.				161331.00
(9) P/V & laying SDBC with 100-120 TPH ——— do ——— @/q.					
Qty =	227.25 m² vide ref (10)				
	@ Rs. 9657.18/m² = Rs.				2194594.00
				Total =	4059943.00

Continuation

Sch. XLV–Form No. 134 B/F = ₹. 4059943.00

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(10) PIV RCC M15 grade					
KM & 200m Stone					
— do — Elg					
(i) KM Stone —					
Qty = 04 Nos vide P- (11)					
@ ₹. 2114.74/Nos					₹. 8459.00
(ii) 200m stone post					
Qty = 09 Nos vide P- (11)					
@ ₹. 581.36/Nos					₹. 5232.00
(11) Retro reflective sheet					
Sign PIV & exacting					
direction & place					
identification					
— do — Elg.					
Qty = 5.76 m² vide P- (11)					
@ ₹. 12258.47/m²					₹. 70609.00
(12) PIV & fixing of retro					
reflectorised Caution,					
Mandatory and Informat					
Sign — do — Elg.					
(i) 600mm equilateral					
triangle					
Qty = 54 Nos vide P- (11)					
@ ₹. 3584.68/Nos					₹. 193573.00
(ii) 600mm Circular					
Qty = 18 Nos vide P- (11)					
@ ₹. 3681.25/Nos					₹. 66262.00

Continuation

Total = ₹. 4404078.00

Sch. XLV–Form No. 134 B/F = Rs. 4404078.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iii) 600 x 450 mm rectangular					
Qty = 12 Nos vide P-(11)					
	@ Rs. 3552.10/Nos				Rs. 42625.00
(iv) 900 mm Side Octagonal					
Qty = 04 Nos vide P-(11)					
	@ Rs. 7544.90/Nos				Rs. 30180.00
(13) P/V RCC M15 grade Boundary pillars — do — e/g.					
Qty = 08 Nos vide P-(11)					
	@ Rs. 480.61/Nos				Rs. 3845.00
~~(14)~~ P/V & Lay At					
(15) hot applied thermo plastic Compound — do — e/g					
(i) At edge					
Qty = 480.00 m² vide P-(12)					
	@ Rs. 735.44/m²				Rs. 353011.00
(ii) Pedestrian Crossing					
Qty = 36 m² vide P-(12)					
	@ Rs. 735.44/m²				Rs. 26476.00
~~(15)~~ P/V & fixing at					
(16) typical HMUSY informatory sign board — do — e/g					

Continuation

Qty = 03 Nos vide P-(11)
01 Nos vide P-(12)

Total = 04 Nos

Total = Rs. 48,60,215.00

B/F = Rs. 4860215.00

Sch. XLV–Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
B/F					
Qty = 04 Nos					
	@ Rs. 9337.99 / Nos			Rs.	37352.00
					/
		Total =		Rs.	4897567.00
Add 13 % (GST + LC)			(+)	Rs.	636684.00
Add S.F. (+)			Rs.		43342.00
					/
		Total =		Rs.	5577593.00
less @ 2.75 % Below as Per Agreement			(−)	Rs.	153384.00
					/
		Total =		Rs.	5424209.00

11/12/2022
JE

11/12/22
A.E

15-12-2022