

**Memorandum of Bids**

**REHABILITATION OF WEST CREEK ROAD (CR33) BRIDGE  
TIOGA COUNTY, NY (PIN 9754.80, BIN 3335200)**

**LettingDate:**  
**Contract No:**  
**PIN:** 9754.80  
**County:** TIOGA  
**No of Bids:** 6

**Bidder A:** Silverline Construction Inc.  
**Bidder B:** Vector Construction Corporation  
**Bidder C:** ING Civil Inc.  
**Bidder D:** Procon Contracting, LLC  
**Bidder E:** Economy Paving Co., Inc.  
**Bidder F:** R. DeVincentis Construction, Inc.

Low Bid of \$937,529.00 is 79.9% of Estimate \$1,173,239.08

ITEM NUMBER	ITEM DESCRIPTION	TOTAL QTY	PAY UNIT	ENGINEERS ESTIMATE		Silverline Construction Inc.		Vector Construction Corporation		ING Civil Inc.		Procon Contracting, LLC		Economy Paving Co., Inc.		R. DeVincentis Construction, Inc.	
				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
201.06	CLEARING AND GRUBBING	1	LS	\$18,000.00	\$18,000.00	\$11,775.00	\$11,775.00	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$20,000.00	\$20,000.00	\$6,000.00	\$6,000.00
202.120001	REMOVING EXISTING SUPERSTRUCTURES	1	LS	\$125,000.00	\$125,000.00	\$29,900.00	\$29,900.00	\$89,000.00	\$89,000.00	\$138,000.00	\$138,000.00	\$120,677.40	\$120,677.40	\$205,000.00	\$205,000.00	\$80,000.00	\$80,000.00
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	505	CY	\$30.00	\$15,150.00	\$19.50	\$9,847.50	\$17.00	\$8,585.00	\$16.00	\$8,080.00	\$9.00	\$4,545.00	\$30.00	\$15,150.00	\$12.00	\$6,060.00
203.03	EMBANKMENT IN PLACE	55	CY	\$20.00	\$1,100.00	\$19.50	\$1,072.50	\$52.00	\$2,860.00	\$38.00	\$2,090.00	\$13.00	\$715.00	\$1.00	\$55.00	\$18.00	\$990.00
203.21	SELECT STRUCTURAL FILL	8	CY	\$80.00	\$640.00	\$68.00	\$544.00	\$80.00	\$640.00	\$167.00	\$1,336.00	\$50.00	\$400.00	\$30.00	\$240.00	\$90.00	\$720.00
206.01	STRUCTURE EXCAVATION	25	CY	\$20.00	\$500.00	\$35.00	\$875.00	\$22.00	\$550.00	\$48.00	\$1,200.00	\$18.00	\$450.00	\$1.00	\$25.00	\$15.00	\$375.00
209.13	SILT FENCE-TEMPORARY	872	LF	\$4.00	\$3,488.00	\$5.25	\$4,578.00	\$3.00	\$2,616.00	\$4.00	\$3,488.00	\$4.00	\$3,488.00	\$2.50	\$2,180.00	\$3.00	\$2,616.00
210.3312	REMOVAL AND DISPOSAL OF BOND BREAKER/FILLER ACM (BV14)	73	SF	\$100.00	\$7,300.00	\$104.80	\$7,650.40	\$57.00	\$4,161.00	\$124.00	\$9,052.00	\$50.00	\$3,650.00	\$10.00	\$730.00	\$165.00	\$12,045.00
304.15	SUBBASE COURSE, OPTIONAL TYPE	400	CY	\$45.00	\$18,000.00	\$45.95	\$18,380.00	\$50.00	\$20,000.00	\$51.00	\$20,400.00	\$50.00	\$20,000.00	\$60.00	\$24,000.00	\$48.00	\$19,200.00
402.098303	9.5 F3 TOP COURSE HMA, 80 SERIES COMPACTION	120	TON	\$160.00	\$19,200.00	\$114.00	\$13,680.00	\$105.00	\$12,600.00	\$135.00	\$16,200.00	\$140.00	\$16,800.00	\$140.00	\$16,800.00	\$112.00	\$13,440.00
402.198903	19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION	145	TON	\$160.00	\$23,200.00	\$104.00	\$15,080.00	\$95.00	\$13,775.00	\$127.00	\$18,415.00	\$118.00	\$17,110.00	\$135.00	\$19,575.00	\$103.00	\$14,935.00
402.378903	37.5 F9 BASE COURSE HMA, 80 SERIES COMPACTION	160	TON	\$160.00	\$25,600.00	\$103.00	\$16,480.00	\$95.00	\$15,200.00	\$118.00	\$18,880.00	\$112.00	\$17,920.00	\$95.00	\$15,200.00	\$98.00	\$15,680.00
407.0102	DILUTED TACK COAT	145	GAL	\$4.00	\$580.00	\$5.80	\$841.00	\$5.00	\$725.00	\$10.00	\$1,450.00	\$16.00	\$2,320.00	\$5.00	\$725.00	\$6.00	\$870.00
418.7603	ASPHALT PAVEMENT JOINT ADHESIVE	490	LF	\$0.50	\$245.00	\$3.50	\$1,715.00	\$3.00	\$1,470.00	\$1.40	\$686.00	\$4.50	\$2,205.00	\$0.50	\$245.00	\$2.25	\$1,102.50
490.30	MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE	470	SY	\$20.00	\$9,400.00	\$17.25	\$8,107.50	\$7.00	\$3,290.00	\$10.00	\$4,700.00	\$14.00	\$6,580.00	\$0.10	\$47.00	\$24.00	\$11,280.00
520.09000010	SAW CUTTING ASPHALT CONCRETE	590	LF	\$3.00	\$1,770.00	\$4.00	\$2,360.00	\$3.00	\$1,770.00	\$4.00	\$2,360.00	\$3.00	\$1,770.00	\$0.00	\$0.00	\$4.00	\$2,360.00
555.09	CONCRETE FOR STRUCTURES, CLASS HP	6.6	CY	\$900.00	\$5,940.00	\$3,375.00	\$22,275.00	\$2,500.00	\$16,500.00	\$6,000.00	\$39,600.00	\$2,900.00	\$19,140.00	\$3,000.00	\$19,800.00	\$6,300.00	\$41,580.00
556.0202	EPOXY-COATED BAR REINFORCEMENT FOR STRUCTURES	2800	LB	\$2.00	\$5,600.00	\$2.10	\$5,880.00	\$2.00	\$5,600.00	\$1.43	\$4,004.00	\$2.00	\$5,600.00	\$1.00	\$2,800.00	\$2.20	\$6,160.00
556.03	STUD SHEAR CONNECTORS FOR BRIDGES	2124	EACH	\$4.00	\$8,496.00	\$4.55	\$9,664.20	\$4.00	\$8,496.00	\$2.90	\$6,159.60	\$3.00	\$6,372.00	\$3.00	\$6,372.00	\$3.75	\$7,965.00
557.0103	SUPERSTRUCTURE SLAB WITH INTEGRAL WEARING SURFACE - BOTTOM FORMWORK REQUIRED - TYPE 3 FRICTION	421.2	SY	\$500.00	\$210,600.00	\$312.00	\$131,414.40	\$350.00	\$147,420.00	\$300.00	\$126,360.00	\$450.00	\$189,540.00	\$330.00	\$138,996.00	\$387.00	\$163,004.40
557.2003	STRUCTURAL APPROACH SLAB WITH INTEGRAL WEARING SURFACE - TYPE 3 FRICTION	113.9	SY	\$275.00	\$31,322.50	\$264.00	\$30,069.60	\$340.00	\$38,726.00	\$250.00	\$28,475.00	\$240.00	\$27,336.00	\$330.00	\$37,587.00	\$360.00	\$41,004.00
557.29	WINTER SURFACE TREATMENT - SUPERSTRUCTURE SLABS AND STRUCTURAL APPROACH SLABS	523	SY	\$2.00	\$1,046.00	\$0.00	\$0.00	\$0.01	\$5.23	\$0.01	\$5.23	\$0.10	\$52.30	\$0.00	\$0.00	\$1.00	\$523.00
558.02	LONGITUDINAL SAWCUT GROOVING OF STRUCTURAL SLAB SURFACE	476	SY	\$9.00	\$4,284.00	\$11.25	\$5,355.00	\$8.00	\$3,808.00	\$8.00	\$3,808.00	\$8.00	\$3,808.00	\$8.00	\$3,808.00	\$6.50	\$3,094.00
559.16960118	PROTECTIVE SEALING OF STRUCTURAL CONCRETE	500	SF	\$3.00	\$1,500.00	\$1.15	\$575.00	\$3.00	\$1,500.00	\$20.00	\$10,000.00	\$14.00	\$7,000.00	\$0.50	\$250.00	\$5.00	\$2,500.00
559.18960118	PROTECTIVE SEALING OF STRUCTURAL CONCRETE ON NEW BRIDGE DECKS AND BRIDGE DECK OVERLAYS	5123	SF	\$1.00	\$5,123.00	\$0.55	\$2,817.65	\$0.40	\$2,049.20	\$0.40	\$2,049.20	\$0.50	\$2,561.50	\$0.50	\$2,561.50	\$0.70	\$3,586.10
564.0501	STRUCTURAL STEEL, TYPE 1	1	LS	\$180,000.00	\$180,000.00	\$219,180.00	\$219,180.00	\$240,000.00	\$240,000.00	\$230,000.00	\$230,000.00	\$210,000.00	\$210,000.00	\$195,000.00	\$195,000.00	\$237,000.00	\$237,000.00
565.2022	TYPE E.B. FIXED BEARING (56 TO 111 KIPS)	4	EACH	\$2,100.00	\$8,400.00	\$1,489.00	\$5,956.00	\$1,800.00	\$7,200.00	\$1,600.00	\$6,400.00	\$1,700.00	\$6,800.00	\$1,350.00	\$5,400.00	\$1,825.00	\$7,300.00
565.2032	TYPE E.B EXPANSION BEARING (56 TO 111 KIPS)	4	EACH	\$2,100.00	\$8,400.00	\$1,557.00	\$6,228.00	\$1,800.00	\$7,200.00	\$1,700.00	\$6,800.00	\$1,700.00	\$6,800.00	\$1,450.00	\$5,800.00	\$1,825.00	\$7,300.00
565.2033	TYPE E.B EXPANSION BEARING (112 TO 168 KIPS)	4	EACH	\$2,100.00	\$8,400.00	\$1,648.00	\$6,592.00	\$1,800.00	\$7,200.00	\$1,700.00	\$6,800.00	\$1,700.00	\$6,800.00	\$1,550.00	\$6,200.00	\$2,050.00	\$8,200.00
567.60	ARMORLESS BRIDGE JOINT SYSTEM	28	LF	\$200.00	\$5,600.00	\$290.00	\$8,120.00	\$300.00	\$8,400.00	\$225.00	\$6,300.00	\$400.00	\$11,200.00	\$260.00	\$7,280.00	\$320.00	\$8,960.00

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				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
568.51	STEEL BRIDGE RAILING (FOUR RAIL)	254.3	LF	\$210.00	\$53,403.00	\$220.00	\$55,946.00	\$200.00	\$50,860.00	\$194.00	\$49,334.20	\$200.00	\$50,860.00	\$200.00	\$50,860.00	\$210.00	\$53,403.00
568.70	TRANSITION BRIDGE RAILING	128	LF	\$150.00	\$19,200.00	\$163.00	\$20,864.00	\$145.00	\$18,560.00	\$142.00	\$18,176.00	\$150.00	\$19,200.00	\$140.00	\$17,920.00	\$155.00	\$19,840.00
570.090001	ENVIRONMENTAL GROUND PROTECTION	1	LS	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1.00	\$1.00	\$1.00	\$1.00	\$2,000.00	\$2,000.00	\$100.00	\$100.00	\$1,000.00	\$1,000.00
570.100001	ENVIRONMENTAL WATERWAY PROTECTION	1	LS	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1.00	\$1.00	\$1.00	\$1.00	\$2,200.00	\$2,200.00	\$100.00	\$100.00	\$1,000.00	\$1,000.00
572.00020101	METALIZING, TYPE 1	1	LS	\$100,000.00	\$100,000.00	\$61,065.00	\$61,065.00	\$61,000.00	\$61,000.00	\$53,000.00	\$53,000.00	\$52,000.00	\$52,000.00	\$50,000.00	\$50,000.00	\$59,000.00	\$59,000.00
580.01	REMOVAL OF STRUCTURAL CONCRETE	2	CY	\$3,500.00	\$7,000.00	\$2,633.00	\$5,266.00	\$3,000.00	\$6,000.00	\$4,000.00	\$8,000.00	\$3,500.00	\$7,000.00	\$1,000.00	\$2,000.00	\$6,800.00	\$13,600.00
582.06	REMOVAL OF STRUCTURAL CONCRETE - REPLACEMENT WITH CLASS D CONCRETE	120	SF	\$200.00	\$24,000.00	\$290.00	\$34,800.00	\$130.00	\$15,600.00	\$215.00	\$25,800.00	\$200.00	\$24,000.00	\$150.00	\$18,000.00	\$140.00	\$16,800.00
586.0201	DRILLING AND GROUTING BOLTS OR REINFORCEMENT BARS	280	EACH	\$45.00	\$12,600.00	\$20.50	\$5,740.00	\$30.00	\$8,400.00	\$24.00	\$6,720.00	\$20.00	\$5,600.00	\$30.00	\$8,400.00	\$40.00	\$11,200.00
606.10	BOX BEAM GUIDE RAILING	498	LF	\$35.00	\$17,430.00	\$44.50	\$22,161.00	\$40.00	\$19,920.00	\$40.00	\$19,920.00	\$40.00	\$19,920.00	\$40.00	\$19,920.00	\$44.00	\$21,912.00
606.120102	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE I	1	EACH	\$3,500.00	\$3,500.00	\$4,050.00	\$4,050.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,550.00	\$3,550.00	\$3,800.00	\$3,800.00
606.120201	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE IIA	3	EACH	\$1,500.00	\$4,500.00	\$2,050.00	\$6,150.00	\$1,800.00	\$5,400.00	\$1,800.00	\$5,400.00	\$1,800.00	\$5,400.00	\$1,795.00	\$5,385.00	\$1,900.00	\$5,700.00
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	625	LF	\$3.00	\$1,875.00	\$4.80	\$3,000.00	\$2.00	\$1,250.00	\$4.00	\$2,500.00	\$10.00	\$6,250.00	\$0.00	\$0.00	\$6.50	\$4,062.50
610.16010020	TURF ESTABLISHMENT - PERFORMANCE	400	SY	\$5.00	\$2,000.00	\$12.70	\$5,080.00	\$6.00	\$2,400.00	\$3.00	\$1,200.00	\$11.00	\$4,400.00	\$1.00	\$400.00	\$5.00	\$2,000.00
619.01	BASIC WORK ZONE TRAFFIC CONTROL	1	LS	\$35,000.00	\$35,000.00	\$5,100.00	\$5,100.00	\$12,000.00	\$12,000.00	\$20,000.00	\$20,000.00	\$14,000.00	\$14,000.00	\$20,000.00	\$20,000.00	\$12,000.00	\$12,000.00
619.04	TYPE III CONSTRUCTION BARRICADES	10	EACH	\$100.00	\$1,000.00	\$269.00	\$2,690.00	\$100.00	\$1,000.00	\$25.00	\$250.00	\$65.00	\$650.00	\$100.00	\$1,000.00	\$135.00	\$1,350.00
619.110611	(PVMS) STANDARD SIZE - FULL MATRIX (LED) NO OPTIONALEQUIPMENT SP NO CELLULAR COMMUNICATIONS REQUIRED	4	CW	\$1,000.00	\$4,000.00	\$518.00	\$2,072.00	\$1,000.00	\$4,000.00	\$200.00	\$800.00	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	\$600.00	\$2,400.00
619.1711	TEMPORARY POSITIVE BARRIER - CATEGORY 1 (PINNING PROHIBITED)	80	LF	\$30.00	\$2,400.00	\$23.75	\$1,900.00	\$30.00	\$2,400.00	\$22.00	\$1,760.00	\$25.00	\$2,000.00	\$20.00	\$1,600.00	\$23.00	\$1,840.00
620.04	STONE FILLING (MEDIUM)	40	CY	\$100.00	\$4,000.00	\$105.00	\$4,200.00	\$110.00	\$4,400.00	\$84.00	\$3,360.00	\$70.00	\$2,800.00	\$50.00	\$2,000.00	\$95.00	\$3,800.00
625.01	SURVEY OPERATIONS	1	LS	\$10,000.00	\$10,000.00	\$5,300.00	\$5,300.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00
637.03	CONCRETE CYLINDER CURING BOX	1	EACH	\$1,000.00	\$1,000.00	\$50.00	\$50.00	\$1,200.00	\$1,200.00	\$1.00	\$1.00	\$50.00	\$50.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
637.11	ENGINEER'S FIELD OFFICE - TYPE 1	7	MNTH	\$1,500.00	\$10,500.00	\$900.00	\$6,300.00	\$2,000.00	\$14,000.00	\$1.00	\$7.00	\$1,500.00	\$10,500.00	\$1,500.00	\$10,500.00	\$1,900.00	\$13,300.00
637.34	OFFICE TECHNOLOGY AND SUPPLIES	2000	DC	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
640.10	WHITE PAINT REFLECTORIZED PAVEMENT STRIPES - 15 MILS	1100	LF	\$1.00	\$1,100.00	\$0.85	\$935.00	\$0.60	\$660.00	\$0.55	\$605.00	\$0.75	\$825.00	\$0.70	\$770.00	\$0.65	\$715.00
640.11	YELLOW PAINT REFLECTORIZED PAVEMENT STRIPES - 15 MILS	1100	LF	\$1.00	\$1,100.00	\$0.85	\$935.00	\$0.60	\$660.00	\$0.55	\$605.00	\$0.75	\$825.00	\$0.70	\$770.00	\$0.65	\$715.00
645.5202	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 30 SF. WITH Z-BARS. HIGH-VISIBILITY SHEETING	11.3	SF	\$40.00	\$452.00	\$42.00	\$474.60	\$40.00	\$452.00	\$37.00	\$418.10	\$36.00	\$406.80	\$35.00	\$395.50	\$40.00	\$452.00
645.81	TYPE A SIGN POSTS	2	EACH	\$200.00	\$400.00	\$200.00	\$400.00	\$200.00	\$400.00	\$182.00	\$364.00	\$75.00	\$150.00	\$185.00	\$370.00	\$200.00	\$400.00
646.22	DELINEATOR, SNOWPLOWING MARKER, SUPPLEMENTARY SNOWPLOWING MARKER PANELS	4	EACH	\$15.00	\$60.00	\$9.25	\$37.00	\$9.00	\$36.00	\$8.00	\$32.00	\$8.00	\$32.00	\$10.00	\$40.00	\$9.00	\$36.00
646.32	STEEL POST, 2.0 LB/FT	4	EACH	\$65.00	\$260.00	\$61.00	\$244.00	\$60.00	\$240.00	\$54.00	\$216.00	\$54.00	\$216.00	\$55.00	\$220.00	\$60.00	\$240.00
647.51	REMOVE AND DISPOSE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER FEET)	5	EACH	\$30.00	\$150.00	\$30.00	\$150.00	\$20.00	\$100.00	\$92.00	\$460.00	\$35.00	\$175.00	\$20.00	\$100.00	\$35.00	\$175.00
697.030000BM	FIELD CHANGE PAYMENT (FCP)	54000	DC	\$1.00	\$54,000.00	\$1.00	\$54,000.00	\$1.00	\$54,000.00	\$1.00	\$54,000.00	\$1.00	\$54,000.00	\$1.00	\$54,000.00	\$1.00	\$54,000.00

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				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
698.04	ASPHALT PRICE ADJUSTMENT	100	DC	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00
698.05	FUEL PRICE ADJUSTMENT	100	DC	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00
698.06	STEEL/IRON PRICE ADJUSTMENT	100	DC	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00
<b><i>SUBTOTAL COST =</i></b>				\$1,128,114.50	\$910,222.35	\$981,186.43	\$1,021,928.33	\$1,025,000.00	\$1,038,527.00	\$1,040,890.50							
699.040001	MOBILIZATION (RATE = 4.00 %) MUST NOT EXCEED 4.00% OF SUBTOTAL. SEE SPECIFICATION FOR THIS ITEM			\$45,124.58	\$27,306.65	\$38,000.00	\$40,471.67	\$41,000.00	\$37,230.00	\$39,109.50							
<b><i>TOTAL COST =</i></b>				<b>\$1,173,239.08</b>	<b>\$937,529.00</b>	<b>\$1,019,186.43</b>	<b>\$1,062,400.00</b>	<b>\$1,066,000.00</b>	<b>\$1,075,757.00</b>	<b>\$1,080,000.00</b>							

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**Tioga County Highway Dept.** **Date**

**Memorandum of Bids**

**REHABILITATION OF WEST CREEK ROAD (CR33) BRIDGE  
TIOGA COUNTY, NY (PIN 9754.80, BIN 3335200)**

**LettingDate:** Bidder G: Slate Hill Constructors Inc.  
**Contract No:** Bidder H: Bothar Construction, LLC  
**PIN:** 9754.80  
**County:** TIOGA  
**No of Bids:** 2

Low Bid of \$937,529.00 is 79.9% of Estimate \$1,173,239.08

ITEM NUMBER	ITEM DESCRIPTION	TOTAL QTY	PAY UNIT	ENGINEERS ESTIMATE		Slate Hill Constructors Inc.		Bothar Construction, LLC		UNIT PRICE	TOTAL COST						
				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST								
201.06	CLEARING AND GRUBBING	1	LS	\$18,000.00	\$18,000.00	\$7,500.00	\$7,500.00	\$4,600.00	\$4,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
202.120001	REMOVING EXISTING SUPERSTRUCTURES	1	LS	\$125,000.00	\$125,000.00	\$100,000.00	\$100,000.00	\$78,116.50	\$78,116.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	505	CY	\$30.00	\$15,150.00	\$17.50	\$8,837.50	\$28.75	\$14,518.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
203.03	EMBANKMENT IN PLACE	55	CY	\$20.00	\$1,100.00	\$33.00	\$1,815.00	\$14.25	\$783.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
203.21	SELECT STRUCTURAL FILL	8	CY	\$80.00	\$640.00	\$47.00	\$376.00	\$68.00	\$544.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
206.01	STRUCTURE EXCAVATION	25	CY	\$20.00	\$500.00	\$21.00	\$525.00	\$31.00	\$775.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
209.13	SILT FENCE-TEMPORARY	872	LF	\$4.00	\$3,488.00	\$4.15	\$3,618.80	\$2.40	\$2,092.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
210.3312	REMOVAL AND DISPOSAL OF BOND BREAKER/FILLER ACM (BV14)	73	SF	\$100.00	\$7,300.00	\$94.00	\$6,862.00	\$50.40	\$3,679.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
304.15	SUBBASE COURSE, OPTIONAL TYPE	400	CY	\$45.00	\$18,000.00	\$52.00	\$20,800.00	\$36.00	\$14,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
402.098303	9.5 F3 TOP COURSE HMA, 80 SERIES COMPACTION	120	TON	\$160.00	\$19,200.00	\$109.00	\$13,080.00	\$101.50	\$12,180.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
402.198903	19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION	145	TON	\$160.00	\$23,200.00	\$97.00	\$14,065.00	\$94.00	\$13,630.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
402.378903	37.5 F9 BASE COURSE HMA, 80 SERIES COMPACTION	160	TON	\$160.00	\$25,600.00	\$95.00	\$15,200.00	\$87.50	\$14,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
407.0102	DILUTED TACK COAT	145	GAL	\$4.00	\$580.00	\$5.30	\$768.50	\$4.50	\$652.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
418.7603	ASPHALT PAVEMENT JOINT ADHESIVE	490	LF	\$0.50	\$245.00	\$3.20	\$1,568.00	\$1.00	\$490.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
490.30	MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE	470	SY	\$20.00	\$9,400.00	\$21.00	\$9,870.00	\$10.00	\$4,700.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
520.09000010	SAW CUTTING ASPHALT CONCRETE	590	LF	\$3.00	\$1,770.00	\$3.80	\$2,242.00	\$5.60	\$3,304.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
555.09	CONCRETE FOR STRUCTURES, CLASS HP	6.6	CY	\$900.00	\$5,940.00	\$2,900.00	\$19,140.00	\$4,300.00	\$28,380.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
556.0202	EPOXY-COATED BAR REINFORCEMENT FOR STRUCTURES	2800	LB	\$2.00	\$5,600.00	\$1.60	\$4,480.00	\$0.75	\$2,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
556.03	STUD SHEAR CONNECTORS FOR BRIDGES	2124	EACH	\$4.00	\$8,496.00	\$3.70	\$7,858.80	\$3.50	\$7,434.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
557.0103	SUPERSTRUCTURE SLAB WITH INTEGRAL WEARING SURFACE - BOTTOM FORMWORK REQUIRED - TYPE 3 FRICTION	421.2	SY	\$500.00	\$210,600.00	\$420.00	\$176,904.00	\$410.00	\$172,692.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
557.2003	STRUCTURAL APPROACH SLAB WITH INTEGRAL WEARING SURFACE - TYPE 3 FRICTION	113.9	SY	\$275.00	\$31,322.50	\$430.00	\$48,977.00	\$369.00	\$42,029.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
557.29	WINTER SURFACE TREATMENT - SUPERSTRUCTURE SLABS AND STRUCTURAL APPROACH SLABS	523	SY	\$2.00	\$1,046.00	\$0.01	\$5.23	\$1.00	\$523.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
558.02	LONGITUDINAL SAWCUT GROOVING OF STRUCTURAL SLAB SURFACE	476	SY	\$9.00	\$4,284.00	\$8.50	\$4,046.00	\$8.40	\$3,998.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
559.16960118	PROTECTIVE SEALING OF STRUCTURAL CONCRETE	500	SF	\$3.00	\$1,500.00	\$6.75	\$3,375.00	\$13.00	\$6,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
559.18960118	PROTECTIVE SEALING OF STRUCTURAL CONCRETE ON NEW BRIDGE DECKS AND BRIDGE DECK OVERLAYS	5123	SF	\$1.00	\$5,123.00	\$0.60	\$3,073.80	\$1.25	\$6,403.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
564.0501	STRUCTURAL STEEL, TYPE 1	1	LS	\$180,000.00	\$180,000.00	\$270,000.00	\$270,000.00	\$287,668.00	\$287,668.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
565.2022	TYPE E.B. FIXED BEARING (56 TO 111 KIPS)	4	EACH	\$2,100.00	\$8,400.00	\$1,750.00	\$7,000.00	\$1,972.00	\$7,888.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
565.2032	TYPE E.B EXPANSION BEARING (56 TO 111 KIPS)	4	EACH	\$2,100.00	\$8,400.00	\$1,800.00	\$7,200.00	\$1,814.00	\$7,256.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
565.2033	TYPE E.B EXPANSION BEARING (112 TO 168 KIPS)	4	EACH	\$2,100.00	\$8,400.00	\$2,050.00	\$8,200.00	\$2,095.00	\$8,380.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
567.60	ARMORLESS BRIDGE JOINT SYSTEM	28	LF	\$200.00	\$5,600.00	\$215.00	\$6,020.00	\$421.75	\$11,809.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

**Memorandum of Bids**

**REHABILITATION OF WEST CREEK ROAD (CR33) BRIDGE  
TIOGA COUNTY, NY (PIN 9754.80, BIN 3335200)**

LettingDate: Bidder G: Slate Hill Constructors Inc.  
 Contract No: Bidder H: Bothar Construction, LLC  
 PIN: 9754.80  
 County: TIOGA  
 No of Bids: 2

Low Bid of \$937,529.00 is 79.9% of Estimate \$1,173,239.08

ITEM NUMBER	ITEM DESCRIPTION	TOTAL QTY	PAY UNIT	ENGINEERS ESTIMATE		Slate Hill Constructors Inc.		Bothar Construction, LLC		UNIT PRICE	TOTAL COST						
				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST								
568.51	STEEL BRIDGE RAILING (FOUR RAIL)	254.3	LF	\$210.00	\$53,403.00	\$205.00	\$52,131.50	\$203.00	\$51,622.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
568.70	TRANSITION BRIDGE RAILING	128	LF	\$150.00	\$19,200.00	\$149.00	\$19,072.00	\$148.00	\$18,944.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
570.090001	ENVIRONMENTAL GROUND PROTECTION	1	LS	\$500.00	\$500.00	\$100.00	\$100.00	\$2,500.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
570.100001	ENVIRONMENTAL WATERWAY PROTECTION	1	LS	\$500.00	\$500.00	\$100.00	\$100.00	\$2,500.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
572.00020101	METALIZING, TYPE 1	1	LS	\$100,000.00	\$100,000.00	\$68,500.00	\$68,500.00	\$84,700.00	\$84,700.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
580.01	REMOVAL OF STRUCTURAL CONCRETE	2	CY	\$3,500.00	\$7,000.00	\$9,500.00	\$19,000.00	\$2,400.00	\$4,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
582.06	REMOVAL OF STRUCTURAL CONCRETE - REPLACEMENT WITH CLASS D CONCRETE	120	SF	\$200.00	\$24,000.00	\$265.00	\$31,800.00	\$70.00	\$8,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
586.0201	DRILLING AND GROUTING BOLTS OR REINFORCEMENT BARS	280	EACH	\$45.00	\$12,600.00	\$44.00	\$12,320.00	\$33.75	\$9,450.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
606.10	BOX BEAM GUIDE RAILING	498	LF	\$35.00	\$17,430.00	\$42.00	\$20,916.00	\$41.50	\$20,667.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
606.120102	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE I	1	EACH	\$3,500.00	\$3,500.00	\$3,750.00	\$3,750.00	\$3,722.25	\$3,722.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
606.120201	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE IIA	3	EACH	\$1,500.00	\$4,500.00	\$1,875.00	\$5,625.00	\$1,879.50	\$5,638.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	625	LF	\$3.00	\$1,875.00	\$2.50	\$1,562.50	\$2.00	\$1,250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
610.16010020	TURF ESTABLISHMENT - PERFORMANCE	400	SY	\$5.00	\$2,000.00	\$13.00	\$5,200.00	\$16.00	\$6,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
619.01	BASIC WORK ZONE TRAFFIC CONTROL	1	LS	\$35,000.00	\$35,000.00	\$20,000.00	\$20,000.00	\$122,221.00	\$122,221.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
619.04	TYPE III CONSTRUCTION BARRICADES	10	EACH	\$100.00	\$1,000.00	\$55.00	\$550.00	\$150.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
619.110611	(PVMS) STANDARD SIZE - FULL MATRIX (LED) NO OPTIONALEQUIPMENT SP NO CELLULAR COMMUNICATIONS REQUIRED	4	CW	\$1,000.00	\$4,000.00	\$1,050.00	\$4,200.00	\$1,200.00	\$4,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
619.1711	TEMPORARY POSITIVE BARRIER - CATEGORY 1 (PINNING PROHIBITED)	80	LF	\$30.00	\$2,400.00	\$38.00	\$3,040.00	\$36.00	\$2,880.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
620.04	STONE FILLING (MEDIUM)	40	CY	\$100.00	\$4,000.00	\$108.00	\$4,320.00	\$76.75	\$3,070.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
625.01	SURVEY OPERATIONS	1	LS	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00	\$25,600.00	\$25,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
637.03	CONCRETE CYLINDER CURING BOX	1	EACH	\$1,000.00	\$1,000.00	\$50.00	\$50.00	\$2,500.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
637.11	ENGINEER'S FIELD OFFICE - TYPE 1	7	MNTH	\$1,500.00	\$10,500.00	\$2,800.00	\$19,600.00	\$1,900.00	\$13,300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
637.34	OFFICE TECHNOLOGY AND SUPPLIES	2000	DC	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
640.10	WHITE PAINT REFLECTORIZED PAVEMENT STRIPES - 15 MILS	1100	LF	\$1.00	\$1,100.00	\$0.60	\$660.00	\$0.60	\$660.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
640.11	YELLOW PAINT REFLECTORIZED PAVEMENT STRIPES - 15 MILS	1100	LF	\$1.00	\$1,100.00	\$0.60	\$660.00	\$0.60	\$660.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
645.5202	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 30 SF. WITH Z-BARS. HIGH-VISIBILITY SHEETING	11.3	SF	\$40.00	\$452.00	\$38.50	\$435.05	\$38.00	\$429.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
645.81	TYPE A SIGN POSTS	2	EACH	\$200.00	\$400.00	\$192.00	\$384.00	\$191.10	\$382.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
646.22	DELINEATOR, SNOWPLOWING MARKER, SUPPLEMENTARY SNOWPLOWING MARKER PANELS	4	EACH	\$15.00	\$60.00	\$8.40	\$33.60	\$8.40	\$33.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
646.32	STEEL POST, 2.0 LB/FT	4	EACH	\$65.00	\$260.00	\$57.00	\$228.00	\$56.70	\$226.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
647.51	REMOVE AND DISPOSE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER FEET)	5	EACH	\$30.00	\$150.00	\$17.00	\$85.00	\$16.80	\$84.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
697.030000BM	FIELD CHANGE PAYMENT (FCP)	54000	DC	\$1.00	\$54,000.00	\$1.00	\$54,000.00	\$1.00	\$54,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

*Memorandum of Bids*

**REHABILITATION OF WEST CREEK ROAD (CR33) BRIDGE  
TIOGA COUNTY, NY (PIN 9754.80, BIN 3335200)**

LettingDate:  
Contract No:  
PIN: 9754.80  
County: TIOGA  
No of Bids: 2

Bidder G: Slate Hill Constructors Inc.  
Bidder H: Bothar Construction, LLC

Low Bid of \$937,529.00 is 79.9% of Estimate \$1,173,239.08

ITEM NUMBER	ITEM DESCRIPTION	TOTAL QTY	PAY UNIT	ENGINEERS ESTIMATE		Slate Hill Constructors Inc.		Bothar Construction, LLC											
				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST		
698.04	ASPHALT PRICE ADJUSTMENT	100	DC	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
698.05	FUEL PRICE ADJUSTMENT	100	DC	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
698.06	STEEL/IRON PRICE ADJUSTMENT	100	DC	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b><i>SUBTOTAL COST =</i></b>					\$1,128,114.50		\$1,138,030.28		\$1,216,769.40		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
699.040001	MOBILIZATION (RATE = 4.00 %) MUST NOT EXCEED 4.00% OF SUBTOTAL. SEE SPECIFICATION FOR THIS ITEM				\$45,124.58		\$44,000.00		\$40,000.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
<b><i>TOTAL COST =</i></b>					<b>\$1,173,239.08</b>		<b>\$1,182,030.28</b>		<b>\$1,256,769.40</b>		<b>\$0.00</b>		<b>\$0.00</b>		<b>\$0.00</b>		<b>\$0.00</b>		<b>\$0.00</b>

**Tioga County Highway Dept.**
**Date**