

**State of New Hampshire
Department of Transportation**

29801.01

Project: CHARLESTOWN, NH -
SPRINGFIELD, VT N/A 29801

County and Code: SULLIVAN COUNTY 019

Date Bids Open: May 28, 2015

Scope of Work: BRIDGE REHABILITATION

Location: NH ROUTE 11 OVER THE CONNECTICUT RIVER

Completion Date: August 26, 2016

A MILLER CONSTRUCTION INC, PO BOX 86, WINDSOR, VT 05089	\$694,621.50
B RM PIPER INC (R001) PO BOX 490 PLYMOUTH, NH 03264	\$696,599.00
C KUBRICKY CONSTRUCTION CORP 269 BALLARD ROAD WILTON NY 12831-1357	\$806,342.61
D COLD RIVER BRIDGES LLC PO BOX 1076 10 LANBRO LANE WALPOLE NH 03608	\$994,376.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
304.301	CRUSHED GRAVEL	CY	14.00	\$65.00	\$910.00	\$50.00	\$700.00	\$71.86	\$1,006.04
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	70.00	\$215.00	\$15,050.00	\$250.00	\$17,500.00	\$302.58	\$21,180.60
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	4.00	\$400.00	\$1,600.00	\$250.00	\$1,000.00	\$363.09	\$1,452.36
403.6	PAVEMENT JOINT ADHESIVE	LF	3,400.00	\$1.00	\$3,400.00	\$1.60	\$5,440.00	\$2.42	\$8,228.00
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	70.00	\$215.00	\$15,050.00	\$250.00	\$17,500.00	\$302.58	\$21,180.60
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	4.20	\$400.00	\$1,680.00	\$250.00	\$1,050.00	\$363.09	\$1,524.98
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$75,000.00	\$75,000.00	\$35,000.00	\$35,000.00	\$122,700.00	\$122,700.00
504.101	COMMON BRIDGE EXCAVATION	CY	15.00	\$65.00	\$975.00	\$50.00	\$750.00	\$187.50	\$2,812.50
511.00	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,138.00	\$20.00	\$22,760.00	\$20.00	\$22,760.00	\$22.07	\$25,115.66
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	114.00	\$300.00	\$34,200.00	\$450.00	\$51,300.00	\$193.58	\$22,068.12
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	25.00	\$500.00	\$12,500.00	\$700.00	\$17,500.00	\$499.92	\$12,498.00
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	40.00	\$800.00	\$32,000.00	\$750.00	\$30,000.00	\$359.99	\$14,399.60
520.01	CONCRETE CLASS AA	CY	13.00	\$1,200.00	\$15,600.00	\$1,000.00	\$13,000.00	\$329.43	\$4,282.59
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	15.00	\$1,800.00	\$27,000.00	\$1,000.00	\$15,000.00	\$2,500.00	\$37,500.00
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	89.00	\$65.00	\$5,785.00	\$100.00	\$8,900.00	\$70.91	\$6,310.99
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	13.00	\$60.00	\$780.00	\$25.00	\$325.00	\$181.54	\$2,360.02

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	1,138.00	\$20.75	\$23,613.50	\$23.00	\$26,174.00	\$23.30	\$26,515.40
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	45.00	\$10.00	\$450.00	\$10.00	\$450.00	\$12.43	\$559.35
544.201	REINFORCING STEEL, EPOXY COATED	LB	400.00	\$3.00	\$1,200.00	\$4.50	\$1,800.00	\$2.53	\$1,012.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$16,036.25	\$16,036.25
550.199	FURNISH/ INSTALL/ REMOVE STEEL PLATES	U	1.00	\$25,000.00	\$25,000.00	\$40,000.00	\$40,000.00	\$15,318.85	\$15,318.85
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$800.00	\$18,400.00	\$880.00	\$20,240.00	\$777.57	\$17,884.11
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$800.00	\$18,400.00	\$880.00	\$20,240.00	\$777.57	\$17,884.11
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$800.00	\$18,400.00	\$880.00	\$20,240.00	\$777.57	\$17,884.11
561.1004	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$800.00	\$18,400.00	\$880.00	\$20,240.00	\$777.57	\$17,884.11
609.5	RESET GRANITE CURB	LF	32.00	\$35.00	\$1,120.00	\$30.00	\$960.00	\$60.52	\$1,936.64
618.7	FLAGGERS	HR	1,500.00	\$23.00	\$34,500.00	\$22.50	\$33,750.00	\$39.33	\$58,995.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$30,000.00	\$30,000.00	\$100,000.00	\$100,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,200.00	\$12,800.00	\$7,000.00	\$28,000.00	\$3,651.44	\$14,605.76
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	42.00	\$10.00	\$420.00	\$2.00	\$84.00	\$7.26	\$304.92
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,128.00	\$1.00	\$2,128.00	\$0.75	\$1,596.00	\$0.78	\$1,659.84
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	10.00	\$50.00	\$500.00	\$10.00	\$100.00	\$24.21	\$242.10
692	MOBILIZATION	U	1.00	\$70,000.00	\$70,000.00	\$90,000.00	\$90,000.00	\$83,000.00	\$83,000.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00

Item No:	Description	Unit	Quantity	Unit Price	A		B		C	
					Total	Unit Price	Total	Unit Price	Total	
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	
					\$694,621.50		\$696,599.00		\$806,342.61	

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
304.301	CRUSHED GRAVEL	CY	14.00	\$150.00	\$2,100.00				
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	70.00	\$200.00	\$14,000.00				
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	4.00	\$250.00	\$1,000.00				
403.6	PAVEMENT JOINT ADHESIVE	LF	3,400.00	\$1.00	\$3,400.00				
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	70.00	\$200.00	\$14,000.00				
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	4.20	\$250.00	\$1,050.00				
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$150,000.00	\$150,000.00				
504.101	COMMON BRIDGE EXCAVATION	CY	15.00	\$100.00	\$1,500.00				
511.00	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,138.00	\$60.00	\$68,280.00				
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	114.00	\$400.00	\$45,600.00				
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	25.00	\$800.00	\$20,000.00				
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	40.00	\$1,200.00	\$48,000.00				
520.01	CONCRETE CLASS AA	CY	13.00	\$1,600.00	\$20,800.00				
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	15.00	\$2,000.00	\$30,000.00				
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	89.00	\$100.00	\$8,900.00				
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	13.00	\$100.00	\$1,300.00				

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	1,138.00	\$35.00	\$39,830.00				
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	45.00	\$10.00	\$450.00				
544.201	REINFORCING STEEL, EPOXY COATED	LB	400.00	\$5.00	\$2,000.00				
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$10,000.00	\$10,000.00				
550.199	FURNISH/ INSTALL/ REMOVE STEEL PLATES	U	1.00	\$15,000.00	\$15,000.00				
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$1,300.00	\$29,900.00				
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$1,300.00	\$29,900.00				
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$1,300.00	\$29,900.00				
561.1004	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$1,300.00	\$29,900.00				
609.5	RESET GRANITE CURB	LF	32.00	\$55.00	\$1,760.00				
618.7	FLAGGERS	HR	1,500.00	\$30.00	\$45,000.00				
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$100,000.00	\$100,000.00				
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$5,000.00	\$20,000.00				
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	42.00	\$25.00	\$1,050.00				
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,128.00	\$2.00	\$4,256.00				
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	10.00	\$50.00	\$500.00				
692	MOBILIZATION	U	1.00	\$95,000.00	\$95,000.00				
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	100,000.00	\$1.00	\$100,000.00				

Item No:	Description	Unit	Quantity	Unit Price	D Total	Unit Price	Total	Unit Price	Total
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00				
					\$994,376.00				

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
304.301	CRUSHED GRAVEL	CY	14.00	\$65.00	\$910.00	\$50.00	\$700.00	\$210.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	70.00	\$215.00	\$15,050.00	\$150.00	\$10,500.00	\$4,550.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	4.00	\$400.00	\$1,600.00	\$300.00	\$1,200.00	\$400.00
403.6	PAVEMENT JOINT ADHESIVE	LF	3,400.00	\$1.00	\$3,400.00	\$2.00	\$6,800.00	(\$3,400.00)
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	70.00	\$215.00	\$15,050.00	\$225.00	\$15,750.00	(\$700.00)
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	4.20	\$400.00	\$1,680.00	\$1,000.00	\$4,200.00	(\$2,520.00)
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$0.00
504.101	COMMON BRIDGE EXCAVATION	CY	15.00	\$65.00	\$975.00	\$100.00	\$1,500.00	(\$525.00)
511.00	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,138.00	\$20.00	\$22,760.00	\$15.00	\$17,070.00	\$5,690.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	114.00	\$300.00	\$34,200.00	\$300.00	\$34,200.00	\$0.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	25.00	\$500.00	\$12,500.00	\$550.00	\$13,750.00	(\$1,250.00)
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	40.00	\$800.00	\$32,000.00	\$800.00	\$32,000.00	\$0.00
520.01	CONCRETE CLASS AA	CY	13.00	\$1,200.00	\$15,600.00	\$800.00	\$10,400.00	\$5,200.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	15.00	\$1,800.00	\$27,000.00	\$900.00	\$13,500.00	\$13,500.00
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	89.00	\$65.00	\$5,785.00	\$75.00	\$6,675.00	(\$890.00)
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	13.00	\$60.00	\$780.00	\$50.00	\$650.00	\$130.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	1,138.00	\$20.75	\$23,613.50	\$20.00	\$22,760.00	\$853.50
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	45.00	\$10.00	\$450.00	\$10.00	\$450.00	\$0.00
544.201	REINFORCING STEEL, EPOXY COATED	LB	400.00	\$3.00	\$1,200.00	\$6.00	\$2,400.00	(\$1,200.00)
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00	\$5,000.00
550.199	FURNISH/ INSTALL/ REMOVE STEEL PLATES	U	1.00	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$20,000.00
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$800.00	\$18,400.00	\$650.00	\$14,950.00	\$3,450.00
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$800.00	\$18,400.00	\$650.00	\$14,950.00	\$3,450.00
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$800.00	\$18,400.00	\$650.00	\$14,950.00	\$3,450.00
561.1004	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	23.00	\$800.00	\$18,400.00	\$650.00	\$14,950.00	\$3,450.00
609.5	RESET GRANITE CURB	LF	32.00	\$35.00	\$1,120.00	\$10.00	\$320.00	\$800.00
618.7	FLAGGERS	HR	1,500.00	\$23.00	\$34,500.00	\$20.00	\$30,000.00	\$4,500.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,200.00	\$12,800.00	\$5,000.00	\$20,000.00	(\$7,200.00)
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	42.00	\$10.00	\$420.00	\$10.00	\$420.00	\$0.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,128.00	\$1.00	\$2,128.00	\$1.00	\$2,128.00	\$0.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	10.00	\$50.00	\$500.00	\$20.00	\$200.00	\$300.00
692	MOBILIZATION	U	1.00	\$70,000.00	\$70,000.00	\$60,000.00	\$60,000.00	\$10,000.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
					\$694,621.50		\$627,373.00	\$67,248.50