

**State of New Hampshire
Department of Transportation**

29306.01

Project: MERRIMACK NON-FEDERAL
29306

County and Code: HILLSBOROUGH COUNTY 011

Date Bids Open: August 7, 2014

Scope of Work: TOLL BOOTH REMOVAL AND ROADWAY WORK

Location: EXIT 12 NB OFF AND SB ON RAMPS AT THE BEDFORD
ROAD INTERCHANGE

Completion Date: December 12, 2014

A R.M. PIPER, INC.

PO BOX 490, PLYMOUTH, NH 03264

\$388,891.00

B H.L. PATTEN CONSTRUCTION, INC.

PO BOX 450, KITTERY, ME 03904

\$447,261.00

C S & R CORPORATION

706 BROADWAY STREET LOWELL, MA 01854

\$532,765.10

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
202.843	REMOVE LIGHT POLE	U	24.00	\$500.00	\$12,000.00	\$700.00	\$16,800.00	\$2,820.00	\$67,680.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	101.00	\$200.00	\$20,200.00	\$220.00	\$22,220.00	\$250.00	\$25,250.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	25.00	\$200.00	\$5,000.00	\$220.00	\$5,500.00	\$250.00	\$6,250.00
403.6	PAVEMENT JOINT ADHESIVE	LF	1,175.00	\$5.00	\$5,875.00	\$2.00	\$2,350.00	\$3.00	\$3,525.00
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	64.00	\$200.00	\$12,800.00	\$220.00	\$14,080.00	\$250.00	\$16,000.00
417	COLD PLANING BITUMINOUS SURFACES	SY	1,200.00	\$5.00	\$6,000.00	\$4.50	\$5,400.00	\$11.67	\$14,004.00
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	68.30	\$400.00	\$27,320.00	\$400.00	\$27,320.00	\$157.00	\$10,723.10
520.01	CONCRETE CLASS AA	CY	33.00	\$900.00	\$29,700.00	\$800.00	\$26,400.00	\$659.00	\$21,747.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	110.00	\$48.00	\$5,280.00	\$50.00	\$5,500.00	\$55.70	\$6,127.00
544.01	REINFORCING STEEL	LB	5,600.00	\$4.50	\$25,200.00	\$1.50	\$8,400.00	\$3.25	\$18,200.00
604.0007	POLYETHYLENE LINER	EA	4.00	\$225.00	\$900.00	\$140.00	\$560.00	\$331.00	\$1,324.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	4.00	\$400.00	\$1,600.00	\$400.00	\$1,600.00	\$776.00	\$3,104.00
604.62	DRAINAGE MANHOLE COVERS AND FRAMES	EA	4.00	\$600.00	\$2,400.00	\$500.00	\$2,000.00	\$756.00	\$3,024.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	540.00	\$25.00	\$13,500.00	\$33.00	\$17,820.00	\$33.00	\$17,820.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$4,000.00	\$8,000.00	\$8,500.00	\$17,000.00	\$2,500.00	\$5,000.00
607.9920	BAR WAY (20 FT)	U	2.00	\$2,500.00	\$5,000.00	\$2,600.00	\$5,200.00	\$2,330.00	\$4,660.00
609.5	RESET GRANITE CURB	LF	250.00	\$25.00	\$6,250.00	\$15.00	\$3,750.00	\$14.20	\$3,550.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	7,500.00	\$1.00	\$7,500.00	\$1.00	\$7,500.00	\$1.00	\$7,500.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$32,500.00	\$32,500.00	\$25,000.00	\$25,000.00	\$13,500.00	\$13,500.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00	\$1,350.00	\$2,700.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$5,000.00	\$5,000.00	\$8,500.00	\$8,500.00	\$800.00	\$800.00
628.1	SAWED CONCRETE PAVEMENT	LF	1,075.00	\$1.00	\$1,075.00	\$1.00	\$1,075.00	\$2.50	\$2,687.50
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	660.00	\$3.25	\$2,145.00	\$4.00	\$2,640.00	\$3.00	\$1,980.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	1,073.00	\$2.00	\$2,146.00	\$2.00	\$2,146.00	\$1.50	\$1,609.50
670.56	TOLL PLAZA DEMOLITION	U	1.00	\$90,000.00	\$90,000.00	\$160,000.00	\$160,000.00	\$199,500.00	\$199,500.00
692	MOBILIZATION	U	1.00	\$35,000.00	\$35,000.00	\$30,000.00	\$30,000.00	\$52,000.00	\$52,000.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
					\$388,891.00		\$447,261.00		\$532,765.10

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	
202.843	REMOVE LIGHT POLE	U	24.00	\$500.00	\$12,000.00	\$345.00	\$8,280.00	\$3,720.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	101.00	\$200.00	\$20,200.00	\$70.00	\$7,070.00	\$13,130.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	25.00	\$200.00	\$5,000.00	\$135.00	\$3,375.00	\$1,625.00
403.6	PAVEMENT JOINT ADHESIVE	LF	1,175.00	\$5.00	\$5,875.00	\$0.25	\$293.75	\$5,581.25
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	64.00	\$200.00	\$12,800.00	\$125.00	\$8,000.00	\$4,800.00
417	COLD PLANING BITUMINOUS SURFACES	SY	1,200.00	\$5.00	\$6,000.00	\$2.00	\$2,400.00	\$3,600.00
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	68.30	\$400.00	\$27,320.00	\$900.00	\$61,470.00	(\$34,150.00)
520.01	CONCRETE CLASS AA	CY	33.00	\$900.00	\$29,700.00	\$700.00	\$23,100.00	\$6,600.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	110.00	\$48.00	\$5,280.00	\$46.00	\$5,060.00	\$220.00
544.01	REINFORCING STEEL	LB	5,600.00	\$4.50	\$25,200.00	\$1.25	\$7,000.00	\$18,200.00
604.0007	POLYETHYLENE LINER	EA	4.00	\$225.00	\$900.00	\$140.00	\$560.00	\$340.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	4.00	\$400.00	\$1,600.00	\$300.00	\$1,200.00	\$400.00
604.62	DRAINAGE MANHOLE COVERS AND FRAMES	EA	4.00	\$600.00	\$2,400.00	\$450.00	\$1,800.00	\$600.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	540.00	\$25.00	\$13,500.00	\$25.00	\$13,500.00	\$0.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$4,000.00	\$8,000.00	\$4,000.00	\$8,000.00	\$0.00
607.9920	BAR WAY (20 FT)	U	2.00	\$2,500.00	\$5,000.00	\$1,200.00	\$2,400.00	\$2,600.00
609.5	RESET GRANITE CURB	LF	250.00	\$25.00	\$6,250.00	\$7.50	\$1,875.00	\$4,375.00

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	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	7,500.00	\$1.00	\$7,500.00	\$1.00	\$7,500.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$32,500.00	\$32,500.00	\$10,000.00	\$10,000.00	\$22,500.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,000.00	\$4,000.00	\$2,100.00	\$4,200.00	(\$200.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00	(\$2,000.00)
628.1	SAWED CONCRETE PAVEMENT	LF	1,075.00	\$1.00	\$1,075.00	\$4.00	\$4,300.00	(\$3,225.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	660.00	\$3.25	\$2,145.00	\$0.55	\$363.00	\$1,782.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	1,073.00	\$2.00	\$2,146.00	\$0.60	\$643.80	\$1,502.20
670.56	TOLL PLAZA DEMOLITION	U	1.00	\$90,000.00	\$90,000.00	\$297,010.00	\$297,010.00	(\$207,010.00)
692	MOBILIZATION	U	1.00	\$35,000.00	\$35,000.00	\$30,000.00	\$30,000.00	\$5,000.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00	\$0.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
					\$388,891.00		\$538,900.55	(\$150,009.55)