

**State of New Hampshire
Department of Transportation**

24842.01

Project: PITTSFIELD X-A002(974) 24842
County and Code: MERRIMACK COUNTY 013
Date Bids Open: February 6, 2014
Scope of Work: UPGRADING THE EXISTING SIGNAL SYSTEM AT THE
INTERSECTION OF NH ROUTE 28 AND NH ROUTE 107
Location: NH 28 AND NH 107 IN PITTSFIELD
Completion Date: August 15, 2014

A SUR CONSTRUCTION, INC.

233 CHESTNUT HILL ROAD ROCHESTER, NH 03867

\$319,499.35

B NORTHEAST EARTH MECHANICS INC

159 BARNSTEAD ROAD PITTSFIELD NH 03263

\$344,820.37

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
202.843	REMOVAL OF LIGHT POLE	U	5.00	\$330.00	\$1,650.00	\$360.00	\$1,800.00		
203.1	COMMON EXCAVATION	CY	850.00	\$7.50	\$6,375.00	\$7.00	\$5,950.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$12.00	\$240.00	\$1.00	\$20.00		
304.301	CRUSHED GRAVEL	CY	350.00	\$23.00	\$8,050.00	\$24.00	\$8,400.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	60.00	\$30.00	\$1,800.00	\$58.50	\$3,510.00		
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	950.00	\$80.00	\$76,000.00	\$92.00	\$87,400.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	75.00	\$105.00	\$7,875.00	\$120.00	\$9,000.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	950.00	\$1.25	\$1,187.50	\$1.44	\$1,368.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	10,000.00	\$0.21	\$2,100.00	\$0.25	\$2,500.00		
417	COLD PLANING BITUMINOUS SURFACES	SY	650.00	\$5.00	\$3,250.00	\$9.30	\$6,045.00		
417.11815	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1.5" DEEP (CRACKS)	LF	2,000.00	\$1.50	\$3,000.00	\$1.70	\$3,400.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	1.00	\$350.00	\$350.00	\$437.00	\$437.00		
608.26	6" CONCRETE SIDEWALK (F)	SY	120.00	\$38.00	\$4,560.00	\$52.00	\$6,240.00		
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	40.00	\$18.00	\$720.00	\$27.00	\$1,080.00		
609.5	RESET GRANITE CURB	LF	260.00	\$8.50	\$2,210.00	\$10.50	\$2,730.00		
614.511	CONCRETE PULL BOX 14"	EA	9.00	\$320.00	\$2,880.00	\$370.00	\$3,330.00		
614.523	MOLDED PULL BOX 17"X30"	EA	1.00	\$320.00	\$320.00	\$370.00	\$370.00		
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	385.00	\$13.00	\$5,005.00	\$15.00	\$5,775.00		

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614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	360.00	\$16.00	\$5,760.00	\$18.40	\$6,624.00		
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	98.00	\$95.00	\$9,310.00	\$167.50	\$16,415.00		
615.03	TRAFFIC SIGN TYPE C (F)	SF	131.50	\$50.00	\$6,575.00	\$34.50	\$4,536.75		
615.06	TRAFFIC SIGN TYPE CC (F)	SF	53.08	\$20.00	\$1,061.60	\$14.00	\$743.12		
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$68,200.00	\$68,200.00	\$78,500.00	\$78,500.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
618.7	FLAGGERS	HR	750.00	\$20.00	\$15,000.00	\$24.00	\$18,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	3,100.00	\$1.00	\$3,100.00	\$1.15	\$3,565.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	14,500.00	\$0.19	\$2,755.00	\$0.25	\$3,625.00		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	400.00	\$0.85	\$340.00	\$1.15	\$460.00		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	160.00	\$2.95	\$472.00	\$3.40	\$544.00		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	255.00	\$4.75	\$1,211.25	\$5.50	\$1,402.50		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	200.00	\$0.65	\$130.00	\$1.00	\$200.00		
645.531	SILT FENCE	LF	2,600.00	\$2.50	\$6,500.00	\$1.25	\$3,250.00		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,200.00	\$0.41	\$1,312.00	\$0.50	\$1,600.00		
647.1	HUMUS	CY	500.00	\$15.00	\$7,500.00	\$19.00	\$9,500.00		
692	MOBILIZATION	U	1.00	\$46,200.00	\$46,200.00	\$30,000.00	\$30,000.00		

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699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00		
1010.15	FUEL ADJUSTMENT	\$	500.00	\$1.00	\$500.00	\$1.00	\$500.00		
					\$319,499.35		\$344,820.37		

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	REMOVAL OF LIGHT POLE	U	5.00	\$330.00	\$1,650.00	\$1,300.00	\$6,500.00	(\$4,850.00)
203.1	COMMON EXCAVATION	CY	850.00	\$7.50	\$6,375.00	\$10.00	\$8,500.00	(\$2,125.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$12.00	\$240.00	\$25.00	\$500.00	(\$260.00)
304.301	CRUSHED GRAVEL	CY	350.00	\$23.00	\$8,050.00	\$25.00	\$8,750.00	(\$700.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	60.00	\$30.00	\$1,800.00	\$45.00	\$2,700.00	(\$900.00)
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	950.00	\$80.00	\$76,000.00	\$80.00	\$76,000.00	\$0.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	75.00	\$105.00	\$7,875.00	\$150.00	\$11,250.00	(\$3,375.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	950.00	\$1.25	\$1,187.50	\$1.00	\$950.00	\$237.50
403.6	PAVEMENT JOINT ADHESIVE	LF	10,000.00	\$0.21	\$2,100.00	\$0.25	\$2,500.00	(\$400.00)
417	COLD PLANING BITUMINOUS SURFACES	SY	650.00	\$5.00	\$3,250.00	\$10.00	\$6,500.00	(\$3,250.00)
417.11815	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1.5" DEEP (CRACKS)	LF	2,000.00	\$1.50	\$3,000.00	\$5.00	\$10,000.00	(\$7,000.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	1.00	\$350.00	\$350.00	\$400.00	\$400.00	(\$50.00)
608.26	6" CONCRETE SIDEWALK (F)	SY	120.00	\$38.00	\$4,560.00	\$45.00	\$5,400.00	(\$840.00)
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	40.00	\$18.00	\$720.00	\$15.00	\$600.00	\$120.00
609.5	RESET GRANITE CURB	LF	260.00	\$8.50	\$2,210.00	\$15.00	\$3,900.00	(\$1,690.00)
614.511	CONCRETE PULL BOX 14"	EA	9.00	\$320.00	\$2,880.00	\$300.00	\$2,700.00	\$180.00
614.523	MOLDED PULL BOX 17"X30"	EA	1.00	\$320.00	\$320.00	\$300.00	\$300.00	\$20.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	385.00	\$13.00	\$5,005.00	\$8.00	\$3,080.00	\$1,925.00

A - PS&E Comparison

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				Unit Price	Total	Unit Price	Total	
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	360.00	\$16.00	\$5,760.00	\$20.00	\$7,200.00	(\$1,440.00)
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	98.00	\$95.00	\$9,310.00	\$80.00	\$7,840.00	\$1,470.00
615.03	TRAFFIC SIGN TYPE C (F)	SF	131.50	\$50.00	\$6,575.00	\$40.00	\$5,260.00	\$1,315.00
615.06	TRAFFIC SIGN TYPE CC (F)	SF	53.08	\$20.00	\$1,061.60	\$12.00	\$636.96	\$424.64
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$68,200.00	\$68,200.00	\$48,000.00	\$48,000.00	\$20,200.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
618.7	FLAGGERS	HR	750.00	\$20.00	\$15,000.00	\$20.00	\$15,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	(\$5,000.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	3,100.00	\$1.00	\$3,100.00	\$1.50	\$4,650.00	(\$1,550.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	14,500.00	\$0.19	\$2,755.00	\$0.20	\$2,900.00	(\$145.00)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	400.00	\$0.85	\$340.00	\$1.00	\$400.00	(\$60.00)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	160.00	\$2.95	\$472.00	\$4.00	\$640.00	(\$168.00)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	255.00	\$4.75	\$1,211.25	\$7.00	\$1,785.00	(\$573.75)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	200.00	\$0.65	\$130.00	\$0.35	\$70.00	\$60.00
645.531	SILT FENCE	LF	2,600.00	\$2.50	\$6,500.00	\$2.50	\$6,500.00	\$0.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,200.00	\$0.41	\$1,312.00	\$2.00	\$6,400.00	(\$5,088.00)
647.1	HUMUS	CY	500.00	\$15.00	\$7,500.00	\$25.00	\$12,500.00	(\$5,000.00)
692	MOBILIZATION	U	1.00	\$46,200.00	\$46,200.00	\$5,000.00	\$5,000.00	\$41,200.00

A - PS&E Comparison

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Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	500.00	\$1.00	\$500.00	\$1.00	\$500.00	\$0.00
					\$319,499.35		\$296,811.96	\$22,687.39