

**State of New Hampshire
Department of Transportation**

29301.01

Project: PLYMOUTH X-A003(992) 29301
County and Code: GRAFTON COUNTY 009
Date Bids Open: October 2, 2014
Scope of Work: ROADWAY IMPROVEMENTS
Location: I-93 NORTHBOUND AND SOUTHBOUND ADJACENT TO
THE TOWN OF PLYMOUTH DRINKING WATER WELLS
Completion Date: July 31, 2015

A M.E. LATULIPPE CONSTRUCTION, INC. 61 THOMPSON ST., PO BOX 729, ASHLAND, NH 03217	\$448,091.00
B RM PIPER INC (R001) PO BOX 490 PLYMOUTH, NH 03264	\$456,408.50
C NORTHEAST EARTH MECHANICS INC 159 BARNSTEAD ROAD PITTSFIELD NH 03263	\$488,771.00
D ALVIN J. COLEMAN & SON, INC. 9 NH ROUTE 113 CONWAY, NH 03818	\$506,130.00
E J.P. SICARD, INC. PO BOX 508 BARTON, VT 05822	\$533,080.50
F BUSBY CONSTRUCTION CO., INC. 71 NH ROUTE 111 ATKINSON, NH 03811	\$548,607.25

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
201.1	CLEARING AND GRUBBING (F)	A	2.22	\$8,000.00	\$17,760.00	\$8,000.00	\$17,760.00	\$11,200.00	\$24,864.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	8,100.00	\$2.00	\$16,200.00	\$1.60	\$12,960.00	\$2.00	\$16,200.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	50.00	\$1.50	\$75.00	\$1.10	\$55.00	\$10.00	\$500.00
203.601	EMBANKMENT-IN-PLACE	CY	580.00	\$10.00	\$5,800.00	\$3.20	\$1,856.00	\$7.00	\$4,060.00
206.1	COMMON STRUCTURE EXCAVATION	CY	1,050.00	\$20.00	\$21,000.00	\$10.00	\$10,500.00	\$10.00	\$10,500.00
209.1	GRANULAR BACKFILL	CY	430.00	\$25.00	\$10,750.00	\$17.50	\$7,525.00	\$20.00	\$8,600.00
304.101	SAND	CY	290.00	\$15.00	\$4,350.00	\$19.00	\$5,510.00	\$20.00	\$5,800.00
585.2	STONE FILL, CLASS B	CY	10.00	\$50.00	\$500.00	\$27.50	\$275.00	\$60.00	\$600.00
585.3	STONE FILL, CLASS C	CY	15.00	\$50.00	\$750.00	\$27.50	\$412.50	\$60.00	\$900.00
593.221	GEOTEXTILE; SEPARATION CL.2, NON-WOVEN	SY	3,150.00	\$2.00	\$6,300.00	\$1.95	\$6,142.50	\$2.00	\$6,300.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	37.00	\$2.00	\$74.00	\$2.50	\$92.50	\$17.00	\$629.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	49.00	\$2.00	\$98.00	\$2.50	\$122.50	\$4.00	\$196.00
593.521	PVC GEOMEMBRANE (40 MIL)	SY	1,700.00	\$8.00	\$13,600.00	\$6.40	\$10,880.00	\$10.00	\$17,000.00
602.60915	CLOSE-FIT PIPE LINER 15" RCP (CONTRACTOR'S OPTION)	LF	850.00	\$84.00	\$71,400.00	\$85.00	\$72,250.00	\$110.00	\$93,500.00
603.0001	VIDEO INSPECTION	LF	250.00	\$4.00	\$1,000.00	\$3.75	\$937.50	\$4.00	\$1,000.00
603.34115	15" STEEL END SECTIONS	EA	5.00	\$150.00	\$750.00	\$250.00	\$1,250.00	\$150.00	\$750.00
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	230.00	\$20.00	\$4,600.00	\$23.50	\$5,405.00	\$45.00	\$10,350.00
603.82724	24" TRAPEZOIDAL DITCH LINER	LF	2,700.00	\$42.00	\$113,400.00	\$65.00	\$175,500.00	\$56.00	\$151,200.00
606.95	TEMPORARY TRAFFIC CONTROL BARRIER	LF	80.00	\$50.00	\$4,000.00	\$20.00	\$1,600.00	\$86.00	\$6,880.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$8,700.00	\$8,700.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,000.00	\$4,000.00	\$1,400.00	\$2,800.00	\$1,600.00	\$3,200.00
644.44	SLOPE SEED TYPE 44	LB	200.00	\$2.00	\$400.00	\$18.00	\$3,600.00	\$8.00	\$1,600.00
645.3	EROSION STONE	TON	43.00	\$38.00	\$1,634.00	\$20.00	\$860.00	\$44.00	\$1,892.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	11,600.00	\$2.00	\$23,200.00	\$1.90	\$22,040.00	\$2.00	\$23,200.00
645.531	SILT FENCE	LF	5,650.00	\$3.00	\$16,950.00	\$2.00	\$11,300.00	\$4.00	\$22,600.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$2,400.00	\$2,400.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	110.00	\$50.00	\$5,500.00	\$52.50	\$5,775.00	\$55.00	\$6,050.00
647.1	HUMUS	CY	1,300.00	\$20.00	\$26,000.00	\$9.00	\$11,700.00	\$18.00	\$23,400.00
692	MOBILIZATION	U	1.00	\$35,000.00	\$35,000.00	\$30,000.00	\$30,000.00	\$15,000.00	\$15,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00	\$900.00	\$900.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
					\$448,091.00			\$456,408.50	\$488,771.00

Item No:	Description	Unit	Quantity	D		E		F	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
201.1	CLEARING AND GRUBBING (F)	A	2.22	\$13,900.00	\$30,858.00	\$12,000.00	\$26,640.00	\$9,400.00	\$20,868.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	8,100.00	\$0.75	\$6,075.00	\$1.75	\$14,175.00	\$1.75	\$14,175.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	50.00	\$15.00	\$750.00	\$2.00	\$100.00	\$1.75	\$87.50
203.601	EMBANKMENT-IN-PLACE	CY	580.00	\$12.00	\$6,960.00	\$13.00	\$7,540.00	\$3.65	\$2,117.00
206.1	COMMON STRUCTURE EXCAVATION	CY	1,050.00	\$17.00	\$17,850.00	\$17.00	\$17,850.00	\$12.80	\$13,440.00
209.1	GRANULAR BACKFILL	CY	430.00	\$31.00	\$13,330.00	\$36.00	\$15,480.00	\$39.75	\$17,092.50
304.101	SAND	CY	290.00	\$31.00	\$8,990.00	\$33.00	\$9,570.00	\$20.00	\$5,800.00
585.2	STONE FILL, CLASS B	CY	10.00	\$42.00	\$420.00	\$60.00	\$600.00	\$85.00	\$850.00
585.3	STONE FILL, CLASS C	CY	15.00	\$41.00	\$615.00	\$60.00	\$900.00	\$65.00	\$975.00
593.221	GEOTEXTILE; SEPARATION CL.2, NON-WOVEN	SY	3,150.00	\$2.00	\$6,300.00	\$2.00	\$6,300.00	\$2.00	\$6,300.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	37.00	\$2.00	\$74.00	\$3.00	\$111.00	\$2.50	\$92.50
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	49.00	\$2.00	\$98.00	\$3.00	\$147.00	\$2.75	\$134.75
593.521	PVC GEOMEMBRANE (40 MIL)	SY	1,700.00	\$11.00	\$18,700.00	\$7.00	\$11,900.00	\$7.00	\$11,900.00
602.60915	CLOSE-FIT PIPE LINER 15" RCP (CONTRACTOR'S OPTION)	LF	850.00	\$84.00	\$71,400.00	\$90.00	\$76,500.00	\$85.00	\$72,250.00
603.0001	VIDEO INSPECTION	LF	250.00	\$4.00	\$1,000.00	\$4.00	\$1,000.00	\$3.75	\$937.50
603.34115	15" STEEL END SECTIONS	EA	5.00	\$270.00	\$1,350.00	\$3.50	\$17.50	\$165.00	\$825.00
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	230.00	\$60.50	\$13,915.00	\$70.00	\$16,100.00	\$42.00	\$9,660.00
603.82724	24" TRAPEZOIDAL DITCH LINER	LF	2,700.00	\$48.50	\$130,950.00	\$56.00	\$151,200.00	\$65.00	\$175,500.00
606.95	TEMPORARY TRAFFIC CONTROL BARRIER	LF	80.00	\$74.00	\$5,920.00	\$32.00	\$2,560.00	\$58.00	\$4,640.00

Item No:	Description	Unit	Quantity	D		E		F	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$31,000.00	\$31,000.00	\$27,500.00	\$27,500.00	\$46,000.00	\$46,000.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$5,150.00	\$10,300.00	\$2,000.00	\$4,000.00	\$1,300.00	\$2,600.00
644.44	SLOPE SEED TYPE 44	LB	200.00	\$7.50	\$1,500.00	\$8.00	\$1,600.00	\$4.95	\$990.00
645.3	EROSION STONE	TON	43.00	\$30.00	\$1,290.00	\$30.00	\$1,290.00	\$30.00	\$1,290.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	11,600.00	\$1.80	\$20,880.00	\$2.50	\$29,000.00	\$1.95	\$22,620.00
645.531	SILT FENCE	LF	5,650.00	\$2.00	\$11,300.00	\$2.00	\$11,300.00	\$1.25	\$7,062.50
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,150.00	\$2,150.00	\$2,300.00	\$2,300.00	\$4,000.00	\$4,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	110.00	\$54.00	\$5,940.00	\$50.00	\$5,500.00	\$50.00	\$5,500.00
647.1	HUMUS	CY	1,300.00	\$22.50	\$29,250.00	\$21.00	\$27,300.00	\$23.00	\$29,900.00
692	MOBILIZATION	U	1.00	\$36,100.00	\$36,100.00	\$44,000.00	\$44,000.00	\$50,000.00	\$50,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$865.00	\$865.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
					\$506,130.00		\$533,080.50		\$548,607.25

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	
201.1	CLEARING AND GRUBBING (F)	A	2.22	\$8,000.00	\$17,760.00	\$6,000.00	\$13,320.00	\$4,440.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	8,100.00	\$2.00	\$16,200.00	\$2.00	\$16,200.00	\$0.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	50.00	\$1.50	\$75.00	\$75.00	\$3,750.00	(\$3,675.00)
203.601	EMBANKMENT-IN-PLACE	CY	580.00	\$10.00	\$5,800.00	\$12.00	\$6,960.00	(\$1,160.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	1,050.00	\$20.00	\$21,000.00	\$12.25	\$12,862.50	\$8,137.50
209.1	GRANULAR BACKFILL	CY	430.00	\$25.00	\$10,750.00	\$34.00	\$14,620.00	(\$3,870.00)
304.101	SAND	CY	290.00	\$15.00	\$4,350.00	\$20.00	\$5,800.00	(\$1,450.00)
585.2	STONE FILL, CLASS B	CY	10.00	\$50.00	\$500.00	\$45.00	\$450.00	\$50.00
585.3	STONE FILL, CLASS C	CY	15.00	\$50.00	\$750.00	\$45.00	\$675.00	\$75.00
593.221	GEOTEXTILE; SEPARATION CL.2, NON-WOVEN	SY	3,150.00	\$2.00	\$6,300.00	\$2.30	\$7,245.00	(\$945.00)
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	37.00	\$2.00	\$74.00	\$2.00	\$74.00	\$0.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	49.00	\$2.00	\$98.00	\$4.50	\$220.50	(\$122.50)
593.521	PVC GEOMEMBRANE (40 MIL)	SY	1,700.00	\$8.00	\$13,600.00	\$6.75	\$11,475.00	\$2,125.00
602.60915	CLOSE-FIT PIPE LINER 15" RCP (CONTRACTOR'S OPTION)	LF	850.00	\$84.00	\$71,400.00	\$90.00	\$76,500.00	(\$5,100.00)
603.0001	VIDEO INSPECTION	LF	250.00	\$4.00	\$1,000.00	\$4.00	\$1,000.00	\$0.00
603.34115	15" STEEL END SECTIONS	EA	5.00	\$150.00	\$750.00	\$180.00	\$900.00	(\$150.00)
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	230.00	\$20.00	\$4,600.00	\$35.00	\$8,050.00	(\$3,450.00)
603.82724	24" TRAPEZOIDAL DITCH LINER	LF	2,700.00	\$42.00	\$113,400.00	\$50.00	\$135,000.00	(\$21,600.00)
606.95	TEMPORARY TRAFFIC CONTROL BARRIER	LF	80.00	\$50.00	\$4,000.00	\$20.00	\$1,600.00	\$2,400.00

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	\$	11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$0.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00	(\$2,000.00)
644.44	SLOPE SEED TYPE 44	LB	200.00	\$2.00	\$400.00	\$4.40	\$880.00	(\$480.00)
645.3	EROSION STONE	TON	43.00	\$38.00	\$1,634.00	\$35.00	\$1,505.00	\$129.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	11,600.00	\$2.00	\$23,200.00	\$2.70	\$31,320.00	(\$8,120.00)
645.531	SILT FENCE	LF	5,650.00	\$3.00	\$16,950.00	\$2.00	\$11,300.00	\$5,650.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	(\$500.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	110.00	\$50.00	\$5,500.00	\$68.00	\$7,480.00	(\$1,980.00)
647.1	HUMUS	CY	1,300.00	\$20.00	\$26,000.00	\$24.00	\$31,200.00	(\$5,200.00)
692	MOBILIZATION	U	1.00	\$35,000.00	\$35,000.00	\$25,000.00	\$25,000.00	\$10,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
					\$448,091.00			(\$28,296.00)
							\$476,387.00	