



ABC Bid Data

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

PROJECT:	NASHUA-MERRIMACK-BEDFORD	Awarded To:	AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025
STATE PROJECT NUMBER:	13761E	Amount:	\$22,579,444.00
FED. PROJECT NUMBER:	NON-FEDERAL	Certified by:	<u>WILLIAM.J.OLDENBURG</u> <small>Director of Project Development</small>
DATE BIDS OPEN:	March 23, 2023, 2:00	Award Date:	
SCOPE OF WORK:	FE Everett Turnpike widening in Merrimack of a 2-lane section from Bedford Rd to south of Exit 13.		
COMPLETION DATE:	September 26, 2025		
LOCATION:	Hillsborough		

Summary of Bidders

Contractor	Bid Amount	Rank
AUDLEY, R. S., INC. 1113 ROUTE 3A, BOW NH 03304-4025	\$22,579,444.00	A



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Item No.	Description	Unit	Quantity	PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025		Unit Price	Total
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Items

201.1	CLEARING AND GRUBBING (F)	A	11.10	\$15,000.00	\$166,500.00	\$21,991.00	\$244,100.10		
201.6	CLEARING FOR FENCE LINES (F)	A	.24	\$31,200.00	\$7,488.00	\$60,000.00	\$14,400.00		
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	2,900.00	\$2.70	\$7,830.00	\$4.00	\$11,600.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	830.00	\$4.70	\$3,901.00	\$4.00	\$3,320.00		
202.31	FILL ABANDONED PIPE	CY	168.00	\$300.00	\$50,400.00	\$325.00	\$54,600.00		
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	1,130.00	\$25.00	\$28,250.00	\$26.50	\$29,945.00		
202.417	REMOVAL OF EXISTING PIPE 0-24" DIAMETER FROM CASING	LF	150.00	\$75.00	\$11,250.00	\$125.00	\$18,750.00		
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	21.00	\$450.00	\$9,450.00	\$550.00	\$11,550.00		
202.7	REMOVAL OF GUARDRAIL	LF	7,200.00	\$3.50	\$25,200.00	\$2.25	\$16,200.00		
202.74	REMOVAL OF CONCRETE BARRIER	LF	1,200.00	\$23.50	\$28,200.00	\$7.00	\$8,400.00		
203.112	COMMON EXCAVATION - LRS/PFAS	CY	25,700.00	\$14.25	\$366,225.00	\$12.50	\$321,250.00		
203.12	COMMON EXCAVATION - PFAS	CY	52,400.00	\$13.50	\$707,400.00	\$12.50	\$655,000.00		
203.2	ROCK EXCAVATION	CY	9,800.00	\$35.00	\$343,000.00	\$45.00	\$441,000.00		
203.53	LOW PERMEABILITY FILL (F)	CY	933.00	\$34.25	\$31,955.25	\$60.00	\$55,980.00		
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	4.00	\$1,000.00	\$4,000.00	\$1,200.00	\$4,800.00		
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	1.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00		
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	7.00	\$500.00	\$3,500.00	\$1,200.00	\$8,400.00		
203.55264	INSTALLATION AND REMOVAL OF SWZ - MOBILE VIDEO TRAILER PLATFORM	U	1.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00		
203.5561	EAGRT PLATFORM PREFERRED	U	7.00	\$1,100.00	\$7,700.00	\$1,150.00	\$8,050.00		
203.6	EMBANKMENT-IN-PLACE (F)	CY	48,524.00	\$10.00	\$485,240.00	\$15.50	\$752,122.00		
203.601	EMBANKMENT-IN-PLACE	CY	22,900.00	\$10.00	\$229,000.00	\$15.50	\$354,950.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	1,500.00	\$28.00	\$42,000.00	\$23.00	\$34,500.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	260.00	\$80.00	\$20,800.00	\$100.00	\$26,000.00		
206.2	ROCK STRUCTURE EXCAVATION	CY	1,500.00	\$103.00	\$154,500.00	\$110.00	\$165,000.00		



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206.41	OBSTRUCTION REMOVAL FOR PIPE JACKING	LF	50.00	\$250.00	\$12,500.00	\$1,500.00	\$75,000.00		
209.1	GRANULAR BACKFILL	CY	690.00	\$36.00	\$24,840.00	\$40.00	\$27,600.00		
214.	FINE GRADING	U	1.00	\$190,000.00	\$190,000.00	\$220,000.00	\$220,000.00		
304.1	SAND (F)	CY	12,221.00	\$30.00	\$366,630.00	\$31.00	\$378,851.00		
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	4,700.00	\$45.00	\$211,500.00	\$48.00	\$225,600.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	240.00	\$32.00	\$7,680.00	\$39.00	\$9,360.00		
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	10,813.00	\$35.00	\$378,455.00	\$37.00	\$400,081.00		
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	12,117.00	\$33.00	\$399,861.00	\$37.00	\$448,329.00		
403.11021	HBP-3/4" BINDER MIX, MACHINE METHOD, QC/QA TIER 1	TON	17,900.00	\$88.00	\$1,575,200.00	\$88.00	\$1,575,200.00		
403.11941	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 1	TON	8,200.00	\$92.00	\$754,400.00	\$102.00	\$836,400.00		
403.12	HBP-HAND METHOD	TON	150.00	\$150.00	\$22,500.00	\$150.00	\$22,500.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	123,800.00	\$0.25	\$30,950.00	\$0.31	\$38,378.00		
403.18	HBP-LEVELING COURSE	TON	300.00	\$105.00	\$31,500.00	\$92.40	\$27,720.00		
403.19	HBP-TEMPORARY	TON	9,000.00	\$95.00	\$855,000.00	\$95.00	\$855,000.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	26,100.00	\$2.15	\$56,115.00	\$2.75	\$71,775.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	7,000.00	\$4.80	\$33,600.00	\$5.00	\$35,000.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	17,600.00	\$2.15	\$37,840.00	\$2.75	\$48,400.00		
503.1	WATER DIVERSION STRUCTURES	U	1.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00		
503.201	COFFERDAMS	U	1.00	\$90,000.00	\$90,000.00	\$125,000.00	\$125,000.00		
503.202	COFFERDAMS	U	1.00	\$65,000.00	\$65,000.00	\$1,500.00	\$1,500.00		
503.203	COFFERDAMS	U	1.00	\$65,000.00	\$65,000.00	\$1,500.00	\$1,500.00		
508.	STRUCTURAL FILL	CY	51.00	\$44.00	\$2,244.00	\$50.00	\$2,550.00		
509.1	MOBILIZATION AND DEMOBILIZATION OF DRILLED SHAFT DRILLING EQUIPMENT	U	1.00	\$52,000.00	\$52,000.00	\$10,000.00	\$10,000.00		
509.2	DRILLED SHAFTS	LF	950.00	\$365.00	\$346,750.00	\$390.00	\$370,500.00		
509.3	OBSTRUCTION REMOVAL	LF	10.00	\$150.00	\$1,500.00	\$6,000.00	\$60,000.00		
520.1	CONCRETE CLASS A	CY	13.00	\$1,200.00	\$15,600.00	\$2,500.00	\$32,500.00		



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520.2	CONCRETE CLASS B	CY	130.00	\$600.00	\$78,000.00	\$825.00	\$107,250.00		
529.6	PRECAST CONCRETE PANEL SOUND ABATEMENT WALL	SF	25,153.00	\$45.00	\$1,131,885.00	\$58.00	\$1,458,874.00		
544.1	REINFORCING STEEL (ROADWAY)	LB	19,700.00	\$2.00	\$39,400.00	\$2.00	\$39,400.00		
585.2	STONE FILL, CLASS B	CY	1,200.00	\$50.00	\$60,000.00	\$65.00	\$78,000.00		
585.3	STONE FILL, CLASS C	CY	1,100.00	\$44.25	\$48,675.00	\$50.00	\$55,000.00		
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	1,800.00	\$4.80	\$8,640.00	\$5.00	\$9,000.00		
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	3,200.00	\$4.80	\$15,360.00	\$5.00	\$16,000.00		
603.0001	VIDEO INSPECTION	LF	11,100.00	\$2.30	\$25,530.00	\$1.65	\$18,315.00		
603.00212	12" R.C. PIPE, 2000D	LF	96.00	\$80.00	\$7,680.00	\$100.00	\$9,600.00		
603.00215	15" R.C. PIPE, 2000D	LF	40.00	\$85.00	\$3,400.00	\$105.00	\$4,200.00		
603.00218	18" R.C. PIPE, 2000D	LF	2,500.00	\$90.00	\$225,000.00	\$105.00	\$262,500.00		
603.00224	24" R.C. PIPE, 2000D	LF	300.00	\$110.00	\$33,000.00	\$135.00	\$40,500.00		
603.00230	30" R.C. PIPE, 2000D	LF	770.00	\$160.00	\$123,200.00	\$200.00	\$154,000.00		
603.00236	36" R.C. PIPE, 2000D	LF	130.00	\$250.00	\$32,500.00	\$750.00	\$97,500.00		
603.00442	42" R.C. PIPE, 3750D	LF	260.00	\$300.00	\$78,000.00	\$1,000.00	\$260,000.00		
603.30112	12" R.C. END SECTIONS	EA	2.00	\$900.00	\$1,800.00	\$735.00	\$1,470.00		
603.30124	24" R.C. END SECTIONS	EA	1.00	\$1,200.00	\$1,200.00	\$1,085.00	\$1,085.00		
603.30136	36" R.C. END SECTIONS	EA	1.00	\$2,000.00	\$2,000.00	\$1,650.00	\$1,650.00		
603.38912	TEMPORARY END SECTION FOR 12" PIPE (CONTRACTORS OPTION)	EA	6.00	\$400.00	\$2,400.00	\$475.00	\$2,850.00		
603.38915	TEMPORARY END SECTION FOR 15" PIPE (CONTRACTORS OPTION)	EA	1.00	\$450.00	\$450.00	\$475.00	\$475.00		
603.38918	TEMPORARY END SECTION FOR 18" PIPE (CONTRACTORS OPTION)	EA	2.00	\$500.00	\$1,000.00	\$600.00	\$1,200.00		
603.38924	TEMPORARY END SECTION FOR 24" PIPE (CONTRACTORS OPTION)	EA	1.00	\$550.00	\$550.00	\$675.00	\$675.00		
603.38936	TEMPORARY END SECTION FOR 36" PIPE (CONTRACTORS OPTION)	EA	1.00	\$600.00	\$600.00	\$1,300.00	\$1,300.00		
603.80212	12" PLASTIC PIPE (SMOOTH INTERIOR)	LF	79.00	\$75.00	\$5,925.00	\$80.00	\$6,320.00		
603.80218	18" PLASTIC PIPE (SMOOTH INTERIOR)	LF	5,400.00	\$80.00	\$432,000.00	\$85.00	\$459,000.00		
603.80224	24" PLASTIC PIPE (SMOOTH INTERIOR)	LF	1,300.00	\$90.00	\$117,000.00	\$95.00	\$123,500.00		



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603.80230	30" PLASTIC PIPE (SMOOTH INTERIOR)	LF	260.00	\$110.00	\$28,600.00	\$120.00	\$31,200.00		
603.80236	36" PLASTIC PIPE (SMOOTH INTERIOR)	LF	110.00	\$120.00	\$13,200.00	\$150.00	\$16,500.00		
603.99012	12" TEMPORARY DRAINAGE PIPE	LF	370.00	\$50.00	\$18,500.00	\$125.00	\$46,250.00		
603.99015	15" TEMPORARY DRAINAGE PIPE	LF	55.00	\$55.00	\$3,025.00	\$140.00	\$7,700.00		
603.99018	18" TEMPORARY DRAINAGE PIPE	LF	140.00	\$65.00	\$9,100.00	\$140.00	\$19,600.00		
603.99024	24" TEMPORARY DRAINAGE PIPE	LF	20.00	\$85.00	\$1,700.00	\$200.00	\$4,000.00		
603.99036	36" TEMPORARY DRAINAGE PIPE	LF	46.00	\$105.00	\$4,830.00	\$250.00	\$11,500.00		
604.0007	POLYETHYLENE LINER	EA	34.00	\$160.00	\$5,440.00	\$310.00	\$10,540.00		
604.114	CATCH BASINS TYPE A, 4-FOOT DIAMETER	U	21.00	\$3,000.00	\$63,000.00	\$3,300.00	\$69,300.00		
604.115	CATCH BASINS TYPE A, 5-FOOT DIAMETER	U	10.00	\$4,000.00	\$40,000.00	\$4,900.00	\$49,000.00		
604.116	CATCH BASINS TYPE A, 6-FOOT DIAMETER	U	3.00	\$5,000.00	\$15,000.00	\$6,000.00	\$18,000.00		
604.118	CATCH BASINS TYPE A, 8-FOOT DIAMETER	U	5.00	\$7,000.00	\$35,000.00	\$10,500.00	\$52,500.00		
604.154	CATCH BASINS TYPE E, 4-FOOT DIAMETER	U	26.00	\$3,000.00	\$78,000.00	\$3,500.00	\$91,000.00		
604.156	CATCH BASINS TYPE E, 6-FOOT DIAMETER	U	2.00	\$5,000.00	\$10,000.00	\$5,900.00	\$11,800.00		
604.245	DROP INLETS TYPE D-E	U	2.00	\$2,000.00	\$4,000.00	\$2,900.00	\$5,800.00		
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	2.00	\$3,000.00	\$6,000.00	\$3,500.00	\$7,000.00		
604.3249	TEMPORARY DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	4.00	\$3,000.00	\$12,000.00	\$4,100.00	\$16,400.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	6.00	\$750.00	\$4,500.00	\$595.00	\$3,570.00		
604.9101	OUTLET CONTROL STRUCTURE	U	1.00	\$7,900.00	\$7,900.00	\$10,500.00	\$10,500.00		
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	12,200.00	\$32.00	\$390,400.00	\$33.00	\$402,600.00		
605.79	UNDERDRAIN FLUSHING BASINS	EA	11.00	\$580.00	\$6,380.00	\$484.00	\$5,324.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGR, TL 3) (STEEL POST)	U	7.00	\$4,500.00	\$31,500.00	\$3,900.00	\$27,300.00		
606.1471	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (MID-SPLICE)	U	6.00	\$1,500.00	\$9,000.00	\$1,575.00	\$9,450.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,800.00	\$35.00	\$133,000.00	\$31.50	\$119,700.00		
606.4139	SINGLE SLOPE CONCRETE MEDIAN BARRIER (MODIFIED), PRECAST	LF	4,700.00	\$150.00	\$705,000.00	\$185.00	\$869,500.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	17,000.00	\$32.00	\$544,000.00	\$40.00	\$680,000.00		



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606.4171	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - LEFT IN PLACE	LF	200.00	\$35.00	\$7,000.00	\$85.00	\$17,000.00		
606.42291	TRANSITION BARRIER, CAST IN PLACE	U	1.00	\$10,000.00	\$10,000.00	\$28,000.00	\$28,000.00		
606.83	ANCHORAGES FOR STRONG BEAM GUARDRAIL	EA	1.00	\$3,000.00	\$3,000.00	\$4,410.00	\$4,410.00		
606.91	RESETTING OR SETTING GUARDRAIL	LF	40.00	\$23.00	\$920.00	\$8.40	\$336.00		
606.93	TEMPORARY BEAM GUARDRAIL	LF	16,750.00	\$30.00	\$502,500.00	\$17.85	\$298,987.50		
606.93254	TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT EAGRT, TL-3) (STEEL POSTS)	U	1.00	\$3,000.00	\$3,000.00	\$3,180.00	\$3,180.00		
606.9347	TEMPORARY BEAM GUARDRAIL (TERM. UNIT TYPE G-2)	U	1.00	\$3,000.00	\$3,000.00	\$1,315.00	\$1,315.00		
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$5,000.00	\$10,000.00	\$7,250.00	\$14,500.00		
607.140	WOVEN WIRE FENCE, 4'-0" HIGH	LF	2,900.00	\$11.00	\$31,900.00	\$18.50	\$53,650.00		
607.350	CHAIN LINK FENCE WITH VINYL COATED STEEL FABRIC, 5' HIGH	LF	720.00	\$60.00	\$43,200.00	\$31.00	\$22,320.00		
607.4140	POST ASSEMBLIES FOR WOVEN WIRE FENCE, 4'-0" HIGH	EA	10.00	\$225.00	\$2,250.00	\$250.00	\$2,500.00		
607.4250	POST ASSEMBLIES FOR CHAIN LINK FENCE, 5' HIGH	EA	5.00	\$245.00	\$1,225.00	\$255.00	\$1,275.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	860.00	\$10.00	\$8,600.00	\$7.35	\$6,321.00		
611.05216	16" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	75.00	\$220.00	\$16,500.00	\$325.00	\$24,375.00		
611.41515	STEEL CASING PIPE WITH 16" DI-MJ CARRIER PIPE	LF	75.00	\$675.00	\$50,625.00	\$640.00	\$48,000.00		
611.48515	REINSTALL 16" DI-MJ CARRIER PIPE IN EXISTING CASING	LF	140.00	\$50.00	\$7,000.00	\$400.00	\$56,000.00		
611.70016	16" FITTING	EA	6.00	\$2,500.00	\$15,000.00	\$2,200.00	\$13,200.00		
611.72016	16" BUTTERFLY VALVE WITH BOX	EA	1.00	\$3,000.00	\$3,000.00	\$6,800.00	\$6,800.00		
611.76002	2" BLOW-OFF VALVE ASSEMBLY	EA	1.00	\$4,500.00	\$4,500.00	\$3,400.00	\$3,400.00		
611.77	CHLORINE INJECTION TAP	EA	1.00	\$3,000.00	\$3,000.00	\$1,600.00	\$1,600.00		
611.97116	16" MECHANICAL JOINT RESTRAINT	EA	8.00	\$200.00	\$1,600.00	\$625.00	\$5,000.00		
611.972	CASING SPACERS	EA	16.00	\$300.00	\$4,800.00	\$500.00	\$8,000.00		
612.22254	JACKED STEEL CASING WITH 12" HDPE CARRIER PIPE	U	1.00	\$525,000.00	\$525,000.00	\$700,000.00	\$700,000.00		
612.3104	SEWER MANHOLE, 4-FOOT DIAMETER	VF	20.00	\$900.00	\$18,000.00	\$535.00	\$10,700.00		
612.3304	MODIFY SEWER MANHOLE, 4' DIA.	EA	2.00	\$4,000.00	\$8,000.00	\$11,400.00	\$22,800.00		
612.61512	12" PVC SEWER PIPE (SDR 35)	LF	20.00	\$400.00	\$8,000.00	\$235.00	\$4,700.00		



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615.01201	TRAFFIC SIGN TYPE A, BREAKAWAY MOUNTS	SF	1,300.00	\$125.00	\$162,500.00	\$155.00	\$201,500.00		
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	13.00	\$535.00	\$6,955.00	\$6,000.00	\$78,000.00		
615.023	REMOVING TRAFFIC SIGN TYPE B	U	1.00	\$65.00	\$65.00	\$525.00	\$525.00		
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	3.00	\$535.00	\$1,605.00	\$5,250.00	\$15,750.00		
615.03201	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS	SF	48.00	\$280.00	\$13,440.00	\$375.00	\$18,000.00		
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	3.00	\$45.00	\$135.00	\$50.00	\$150.00		
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	48.00	\$200.00	\$9,600.00	\$110.00	\$5,280.00		
615.0401	TRAFFIC SIGN TYPE AA	SF	690.00	\$19.00	\$13,110.00	\$33.00	\$22,770.00		
615.10001	FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$155,000.00	\$155,000.00	\$200,000.00	\$200,000.00		
615.10301	REMOVING FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00		
615.10302	REMOVING FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00		
615.144	RELOCATE SIGN TYPE AA TO FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$2,500.00	\$2,500.00	\$2,700.00	\$2,700.00		
615.20001	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$65,000.00	\$65,000.00	\$100,000.00	\$100,000.00		
615.20301	REMOVING CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	283,000.00	\$1.00	\$283,000.00	\$1.00	\$283,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$250,000.00	\$250,000.00	\$650,000.00	\$650,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,000.00	\$12,000.00	\$22,000.00	\$88,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$5,000.00	\$20,000.00	\$21,000.00	\$84,000.00		
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	8.00	\$1,500.00	\$12,000.00	\$950.00	\$7,600.00		
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	26.00	\$1,100.00	\$28,600.00	\$1,250.00	\$32,500.00		
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	35.00	\$645.00	\$22,575.00	\$750.00	\$26,250.00		
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	131.00	\$865.00	\$113,315.00	\$550.00	\$72,050.00		
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	26.00	\$1,200.00	\$31,200.00	\$850.00	\$22,100.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$11,000.00	\$22,000.00	\$50,000.00	\$100,000.00		
619.91	RELOCATE WORK ZONE ITS DEVICE	U	6.00	\$400.00	\$2,400.00	\$350.00	\$2,100.00		
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	50.00	\$37.00	\$1,850.00	\$60.00	\$3,000.00		



ABC Bid Data

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	44.00	\$8.25	\$363.00	\$6.85	\$301.40		
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	82.00	\$100.00	\$8,200.00	\$84.00	\$6,888.00		
622.1	STEEL WITNESS MARKERS	EA	36.00	\$50.00	\$1,800.00	\$42.00	\$1,512.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	210.00	\$5.00	\$1,050.00	\$10.00	\$2,100.00		
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	219,300.00	\$0.20	\$43,860.00	\$0.31	\$67,983.00		
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	11,500.00	\$0.50	\$5,750.00	\$0.80	\$9,200.00		
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	10,000.00	\$2.50	\$25,000.00	\$9.50	\$95,000.00		
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	2,700.00	\$4.00	\$10,800.00	\$4.20	\$11,340.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	81,650.00	\$0.75	\$61,237.50	\$0.52	\$42,458.00		
645.119	MULCH WITH TACKIFIERS	A	26.00	\$1,300.00	\$33,800.00	\$1,300.00	\$33,800.00		
645.3	EROSION STONE	TON	2,000.00	\$33.00	\$66,000.00	\$30.00	\$60,000.00		
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	15,000.00	\$3.00	\$45,000.00	\$2.25	\$33,750.00		
645.45	PERMANENT CHANNEL MATTING TYPE A	SY	6,300.00	\$9.00	\$56,700.00	\$6.75	\$42,525.00		
645.482	STUMP GRINDINGS FOR TEMPORARY EROSION CONTROL	CY	500.00	\$20.00	\$10,000.00	\$29.00	\$14,500.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,600.00	\$7.25	\$26,100.00	\$4.00	\$14,400.00		
645.531	SILT FENCE	LF	18,000.00	\$3.50	\$63,000.00	\$3.00	\$54,000.00		
645.611	BONDED FIBER MATRIX (BFM)	LB	70,000.00	\$1.75	\$122,500.00	\$1.75	\$122,500.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$10,000.00	\$10,000.00	\$21,000.00	\$21,000.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	840.00	\$100.00	\$84,000.00	\$95.00	\$79,800.00		
645.72	FINAL WETLAND IMPACT REPORT	U	1.00	\$5,000.00	\$5,000.00	\$5,250.00	\$5,250.00		
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	19.00	\$2,300.00	\$43,700.00	\$1,525.00	\$28,975.00		
647.1	HUMUS	CY	8,900.00	\$25.00	\$222,500.00	\$34.00	\$302,600.00		
670.02	SEDIMENT SUMP MEASURING BLOCK	EA	1.00	\$800.00	\$800.00	\$683.00	\$683.00		
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$350,000.00	\$350,000.00	\$164,600.00	\$164,600.00		
670.04502	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$400,000.00	\$400,000.00	\$185,000.00	\$185,000.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$4,000.00	\$8,000.00	\$20,000.00	\$40,000.00		



ABC Bid Data

NASHUA-MERRIMACK-BEDFORD

13761E

NON-FEDERAL

Item No.	Description	Unit	Quantity	PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
670.1619	DISCHARGE PERMIT FOR CONTAMINATED WATER	U	1.00	\$11,250.00	\$11,250.00	\$7,875.00	\$7,875.00		
670.313	PIPE CLEAN OUT AND DEBRIS REMOVAL	U	1.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00		
670.822	GNSS CONSTRUCTION INSPECTION EQUIPMENT	U	1.00	\$35,000.00	\$35,000.00	\$48,000.00	\$48,000.00		
692.	MOBILIZATION	U	1.00	\$1,100,000.00	\$1,100,000.00	\$2,166,000.00	\$2,166,000.00		
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$3,850.00	\$3,850.00	\$4,000.00	\$4,000.00		
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$6,800.00	\$6,800.00	\$5,500.00	\$5,500.00		
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$7,000.00	\$7,000.00	\$9,500.00	\$9,500.00		
698.11913	FIELD OFFICE EQUIPMENT AND SUPPLIES	MON	30.00	\$2,000.00	\$60,000.00	\$900.00	\$27,000.00		
698.2	PHYSICAL TESTING LABORATORY	MON	30.00	\$1,300.00	\$39,000.00	\$1,200.00	\$36,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00		
1008.8	ALTERATIONS AND ADDITIONS AS NEEDED - WINTER MAINTENANCE	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
1010.01	STEEL COST ADJUSTMENT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
1010.15	FUEL ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	130,000.00	\$1.00	\$130,000.00	\$1.00	\$130,000.00		
Totals:					\$18,964,254.75		\$22,579,444.00		
Alt. Totals:									
Totals:					\$18,964,254.75		\$22,579,444.00		



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
201.1	CLEARING AND GRUBBING (F)	A	11.10	\$21,991.00	\$244,100.10	\$15,000.00	\$166,500.00	\$77,600.10
201.6	CLEARING FOR FENCE LINES (F)	A	.24	\$60,000.00	\$14,400.00	\$31,200.00	\$7,488.00	\$6,912.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	2,900.00	\$4.00	\$11,600.00	\$2.70	\$7,830.00	\$3,770.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	830.00	\$4.00	\$3,320.00	\$4.70	\$3,901.00	(\$581.00)
202.31	FILL ABANDONED PIPE	CY	168.00	\$325.00	\$54,600.00	\$300.00	\$50,400.00	\$4,200.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	1,130.00	\$26.50	\$29,945.00	\$25.00	\$28,250.00	\$1,695.00
202.417	REMOVAL OF EXISTING PIPE 0-24" DIAMETER FROM CASING	LF	150.00	\$125.00	\$18,750.00	\$75.00	\$11,250.00	\$7,500.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	21.00	\$550.00	\$11,550.00	\$450.00	\$9,450.00	\$2,100.00
202.7	REMOVAL OF GUARDRAIL	LF	7,200.00	\$2.25	\$16,200.00	\$3.50	\$25,200.00	(\$9,000.00)
202.74	REMOVAL OF CONCRETE BARRIER	LF	1,200.00	\$7.00	\$8,400.00	\$23.50	\$28,200.00	(\$19,800.00)
203.112	COMMON EXCAVATION - LRS/PFAS	CY	25,700.00	\$12.50	\$321,250.00	\$14.25	\$366,225.00	(\$44,975.00)
203.12	COMMON EXCAVATION - PFAS	CY	52,400.00	\$12.50	\$655,000.00	\$13.50	\$707,400.00	(\$52,400.00)
203.2	ROCK EXCAVATION	CY	9,800.00	\$45.00	\$441,000.00	\$35.00	\$343,000.00	\$98,000.00
203.53	LOW PERMEABILITY FILL (F)	CY	933.00	\$60.00	\$55,980.00	\$34.25	\$31,955.25	\$24,024.75



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD

13761E

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	4.00	\$1,200.00	\$4,800.00	\$1,000.00	\$4,000.00	\$800.00
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	1.00	\$1,200.00	\$1,200.00	\$500.00	\$500.00	\$700.00
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	7.00	\$1,200.00	\$8,400.00	\$500.00	\$3,500.00	\$4,900.00
203.55264	INSTALLATION AND REMOVAL OF SWZ - MOBILE VIDEO TRAILER PLATFORM	U	1.00	\$1,200.00	\$1,200.00	\$500.00	\$500.00	\$700.00
203.5561	EAGRT PLATFORM PREFERRED	U	7.00	\$1,150.00	\$8,050.00	\$1,100.00	\$7,700.00	\$350.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	48,524.00	\$15.50	\$752,122.00	\$10.00	\$485,240.00	\$266,882.00
203.601	EMBANKMENT-IN-PLACE	CY	22,900.00	\$15.50	\$354,950.00	\$10.00	\$229,000.00	\$125,950.00
206.1	COMMON STRUCTURE EXCAVATION	CY	1,500.00	\$23.00	\$34,500.00	\$28.00	\$42,000.00	(\$7,500.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	260.00	\$100.00	\$26,000.00	\$80.00	\$20,800.00	\$5,200.00
206.2	ROCK STRUCTURE EXCAVATION	CY	1,500.00	\$110.00	\$165,000.00	\$103.00	\$154,500.00	\$10,500.00
206.41	OBSTRUCTION REMOVAL FOR PIPE JACKING	LF	50.00	\$1,500.00	\$75,000.00	\$250.00	\$12,500.00	\$62,500.00
209.1	GRANULAR BACKFILL	CY	690.00	\$40.00	\$27,600.00	\$36.00	\$24,840.00	\$2,760.00
214.	FINE GRADING	U	1.00	\$220,000.00	\$220,000.00	\$190,000.00	\$190,000.00	\$30,000.00
304.1	SAND (F)	CY	12,221.00	\$31.00	\$378,851.00	\$30.00	\$366,630.00	\$12,221.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	4,700.00	\$48.00	\$225,600.00	\$45.00	\$211,500.00	\$14,100.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	240.00	\$39.00	\$9,360.00	\$32.00	\$7,680.00	\$1,680.00



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	10,813.00	\$37.00	\$400,081.00	\$35.00	\$378,455.00	\$21,626.00
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	12,117.00	\$37.00	\$448,329.00	\$33.00	\$399,861.00	\$48,468.00
403.11021	HBP-3/4" BINDER MIX, MACHINE METHOD, QC/QA TIER 1	TON	17,900.00	\$88.00	\$1,575,200.00	\$88.00	\$1,575,200.00	\$0.00
403.11941	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 1	TON	8,200.00	\$102.00	\$836,400.00	\$92.00	\$754,400.00	\$82,000.00
403.12	HBP-HAND METHOD	TON	150.00	\$150.00	\$22,500.00	\$150.00	\$22,500.00	\$0.00
403.16	PAVEMENT JOINT ADHESIVE	LF	123,800.00	\$0.31	\$38,378.00	\$0.25	\$30,950.00	\$7,428.00
403.18	HBP-LEVELING COURSE	TON	300.00	\$92.40	\$27,720.00	\$105.00	\$31,500.00	(\$3,780.00)
403.19	HBP-TEMPORARY	TON	9,000.00	\$95.00	\$855,000.00	\$95.00	\$855,000.00	\$0.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	26,100.00	\$2.75	\$71,775.00	\$2.15	\$56,115.00	\$15,660.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	7,000.00	\$5.00	\$35,000.00	\$4.80	\$33,600.00	\$1,400.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	17,600.00	\$2.75	\$48,400.00	\$2.15	\$37,840.00	\$10,560.00
503.1	WATER DIVERSION STRUCTURES	U	1.00	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$20,000.00
503.201	COFFERDAMS	U	1.00	\$125,000.00	\$125,000.00	\$90,000.00	\$90,000.00	\$35,000.00
503.202	COFFERDAMS	U	1.00	\$1,500.00	\$1,500.00	\$65,000.00	\$65,000.00	(\$63,500.00)
503.203	COFFERDAMS	U	1.00	\$1,500.00	\$1,500.00	\$65,000.00	\$65,000.00	(\$63,500.00)
508.	STRUCTURAL FILL	CY	51.00	\$50.00	\$2,550.00	\$44.00	\$2,244.00	\$306.00



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
509.1	MOBILIZATION AND DEMOBILIZATION OF DRILLED SHAFT DRILLING EQUIPMENT	U	1.00	\$10,000.00	\$10,000.00	\$52,000.00	\$52,000.00	(\$42,000.00)
509.2	DRILLED SHAFTS	LF	950.00	\$390.00	\$370,500.00	\$365.00	\$346,750.00	\$23,750.00
509.3	OBSTRUCTION REMOVAL	LF	10.00	\$6,000.00	\$60,000.00	\$150.00	\$1,500.00	\$58,500.00
520.1	CONCRETE CLASS A	CY	13.00	\$2,500.00	\$32,500.00	\$1,200.00	\$15,600.00	\$16,900.00
520.2	CONCRETE CLASS B	CY	130.00	\$825.00	\$107,250.00	\$600.00	\$78,000.00	\$29,250.00
529.6	PRECAST CONCRETE PANEL SOUND ABATEMENT WALL	SF	25,153.00	\$58.00	\$1,458,874.00	\$45.00	\$1,131,885.00	\$326,989.00
544.1	REINFORCING STEEL (ROADWAY)	LB	19,700.00	\$2.00	\$39,400.00	\$2.00	\$39,400.00	\$0.00
585.2	STONE FILL, CLASS B	CY	1,200.00	\$65.00	\$78,000.00	\$50.00	\$60,000.00	\$18,000.00
585.3	STONE FILL, CLASS C	CY	1,100.00	\$50.00	\$55,000.00	\$44.25	\$48,675.00	\$6,325.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	1,800.00	\$5.00	\$9,000.00	\$4.80	\$8,640.00	\$360.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	3,200.00	\$5.00	\$16,000.00	\$4.80	\$15,360.00	\$640.00
603.0001	VIDEO INSPECTION	LF	11,100.00	\$1.65	\$18,315.00	\$2.30	\$25,530.00	(\$7,215.00)
603.00212	12" R.C. PIPE, 2000D	LF	96.00	\$100.00	\$9,600.00	\$80.00	\$7,680.00	\$1,920.00
603.00215	15" R.C. PIPE, 2000D	LF	40.00	\$105.00	\$4,200.00	\$85.00	\$3,400.00	\$800.00
603.00218	18" R.C. PIPE, 2000D	LF	2,500.00	\$105.00	\$262,500.00	\$90.00	\$225,000.00	\$37,500.00
603.00224	24" R.C. PIPE, 2000D	LF	300.00	\$135.00	\$40,500.00	\$110.00	\$33,000.00	\$7,500.00
603.00230	30" R.C. PIPE, 2000D	LF	770.00	\$200.00	\$154,000.00	\$160.00	\$123,200.00	\$30,800.00



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD

13761E

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
603.00236	36" R.C. PIPE, 2000D	LF	130.00	\$750.00	\$97,500.00	\$250.00	\$32,500.00	\$65,000.00
603.00442	42" R.C. PIPE, 3750D	LF	260.00	\$1,000.00	\$260,000.00	\$300.00	\$78,000.00	\$182,000.00
603.30112	12" R.C. END SECTIONS	EA	2.00	\$735.00	\$1,470.00	\$900.00	\$1,800.00	(\$330.00)
603.30124	24" R.C. END SECTIONS	EA	1.00	\$1,085.00	\$1,085.00	\$1,200.00	\$1,200.00	(\$115.00)
603.30136	36" R.C. END SECTIONS	EA	1.00	\$1,650.00	\$1,650.00	\$2,000.00	\$2,000.00	(\$350.00)
603.38912	TEMPORARY END SECTION FOR 12" PIPE (CONTRACTORS OPTION)	EA	6.00	\$475.00	\$2,850.00	\$400.00	\$2,400.00	\$450.00
603.38915	TEMPORARY END SECTION FOR 15" PIPE (CONTRACTORS OPTION)	EA	1.00	\$475.00	\$475.00	\$450.00	\$450.00	\$25.00
603.38918	TEMPORARY END SECTION FOR 18" PIPE (CONTRACTORS OPTION)	EA	2.00	\$600.00	\$1,200.00	\$500.00	\$1,000.00	\$200.00
603.38924	TEMPORARY END SECTION FOR 24" PIPE (CONTRACTORS OPTION)	EA	1.00	\$675.00	\$675.00	\$550.00	\$550.00	\$125.00
603.38936	TEMPORARY END SECTION FOR 36" PIPE (CONTRACTORS OPTION)	EA	1.00	\$1,300.00	\$1,300.00	\$600.00	\$600.00	\$700.00
603.80212	12" PLASTIC PIPE (SMOOTH INTERIOR)	LF	79.00	\$80.00	\$6,320.00	\$75.00	\$5,925.00	\$395.00
603.80218	18" PLASTIC PIPE (SMOOTH INTERIOR)	LF	5,400.00	\$85.00	\$459,000.00	\$80.00	\$432,000.00	\$27,000.00
603.80224	24" PLASTIC PIPE (SMOOTH INTERIOR)	LF	1,300.00	\$95.00	\$123,500.00	\$90.00	\$117,000.00	\$6,500.00
603.80230	30" PLASTIC PIPE (SMOOTH INTERIOR)	LF	260.00	\$120.00	\$31,200.00	\$110.00	\$28,600.00	\$2,600.00
603.80236	36" PLASTIC PIPE (SMOOTH INTERIOR)	LF	110.00	\$150.00	\$16,500.00	\$120.00	\$13,200.00	\$3,300.00
603.99012	12" TEMPORARY DRAINAGE PIPE	LF	370.00	\$125.00	\$46,250.00	\$50.00	\$18,500.00	\$27,750.00
603.99015	15" TEMPORARY DRAINAGE PIPE	LF	55.00	\$140.00	\$7,700.00	\$55.00	\$3,025.00	\$4,675.00



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD

13761E

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
603.99018	18" TEMPORARY DRAINAGE PIPE	LF	140.00	\$140.00	\$19,600.00	\$65.00	\$9,100.00	\$10,500.00
603.99024	24" TEMPORARY DRAINAGE PIPE	LF	20.00	\$200.00	\$4,000.00	\$85.00	\$1,700.00	\$2,300.00
603.99036	36" TEMPORARY DRAINAGE PIPE	LF	46.00	\$250.00	\$11,500.00	\$105.00	\$4,830.00	\$6,670.00
604.0007	POLYETHYLENE LINER	EA	34.00	\$310.00	\$10,540.00	\$160.00	\$5,440.00	\$5,100.00
604.114	CATCH BASINS TYPE A, 4-FOOT DIAMETER	U	21.00	\$3,300.00	\$69,300.00	\$3,000.00	\$63,000.00	\$6,300.00
604.115	CATCH BASINS TYPE A, 5-FOOT DIAMETER	U	10.00	\$4,900.00	\$49,000.00	\$4,000.00	\$40,000.00	\$9,000.00
604.116	CATCH BASINS TYPE A, 6-FOOT DIAMETER	U	3.00	\$6,000.00	\$18,000.00	\$5,000.00	\$15,000.00	\$3,000.00
604.118	CATCH BASINS TYPE A, 8-FOOT DIAMETER	U	5.00	\$10,500.00	\$52,500.00	\$7,000.00	\$35,000.00	\$17,500.00
604.154	CATCH BASINS TYPE E, 4-FOOT DIAMETER	U	26.00	\$3,500.00	\$91,000.00	\$3,000.00	\$78,000.00	\$13,000.00
604.156	CATCH BASINS TYPE E, 6-FOOT DIAMETER	U	2.00	\$5,900.00	\$11,800.00	\$5,000.00	\$10,000.00	\$1,800.00
604.245	DROP INLETS TYPE D-E	U	2.00	\$2,900.00	\$5,800.00	\$2,000.00	\$4,000.00	\$1,800.00
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	2.00	\$3,500.00	\$7,000.00	\$3,000.00	\$6,000.00	\$1,000.00
604.3249	TEMPORARY DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	4.00	\$4,100.00	\$16,400.00	\$3,000.00	\$12,000.00	\$4,400.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	6.00	\$595.00	\$3,570.00	\$750.00	\$4,500.00	(\$930.00)
604.9101	OUTLET CONTROL STRUCTURE	U	1.00	\$10,500.00	\$10,500.00	\$7,900.00	\$7,900.00	\$2,600.00
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	12,200.00	\$33.00	\$402,600.00	\$32.00	\$390,400.00	\$12,200.00
605.79	UNDERDRAIN FLUSHING BASINS	EA	11.00	\$484.00	\$5,324.00	\$580.00	\$6,380.00	(\$1,056.00)



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD

13761E

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	7.00	\$3,900.00	\$27,300.00	\$4,500.00	\$31,500.00	(\$4,200.00)
606.1471	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (MID-SPLICE)	U	6.00	\$1,575.00	\$9,450.00	\$1,500.00	\$9,000.00	\$450.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,800.00	\$31.50	\$119,700.00	\$35.00	\$133,000.00	(\$13,300.00)
606.4139	SINGLE SLOPE CONCRETE MEDIAN BARRIER (MODIFIED), PRECAST	LF	4,700.00	\$185.00	\$869,500.00	\$150.00	\$705,000.00	\$164,500.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	17,000.00	\$40.00	\$680,000.00	\$32.00	\$544,000.00	\$136,000.00
606.4171	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - LEFT IN PLACE	LF	200.00	\$85.00	\$17,000.00	\$35.00	\$7,000.00	\$10,000.00
606.42291	TRANSITION BARRIER, CAST IN PLACE	U	1.00	\$28,000.00	\$28,000.00	\$10,000.00	\$10,000.00	\$18,000.00
606.83	ANCHORAGES FOR STRONG BEAM GUARDRAIL	EA	1.00	\$4,410.00	\$4,410.00	\$3,000.00	\$3,000.00	\$1,410.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	40.00	\$8.40	\$336.00	\$23.00	\$920.00	(\$584.00)
606.93	TEMPORARY BEAM GUARDRAIL	LF	16,750.00	\$17.85	\$298,987.50	\$30.00	\$502,500.00	(\$203,512.50)
606.93254	TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT EAGRT, TL-3) (STEEL POSTS)	U	1.00	\$3,180.00	\$3,180.00	\$3,000.00	\$3,000.00	\$180.00
606.9347	TEMPORARY BEAM GUARDRAIL (TERM. UNIT TYPE G-2)	U	1.00	\$1,315.00	\$1,315.00	\$3,000.00	\$3,000.00	(\$1,685.00)
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$7,250.00	\$14,500.00	\$5,000.00	\$10,000.00	\$4,500.00
607.140	WOVEN WIRE FENCE, 4'-0" HIGH	LF	2,900.00	\$18.50	\$53,650.00	\$11.00	\$31,900.00	\$21,750.00
607.350	CHAIN LINK FENCE WITH VINYL COATED STEEL FABRIC, 5' HIGH	LF	720.00	\$31.00	\$22,320.00	\$60.00	\$43,200.00	(\$20,880.00)
607.4140	POST ASSEMBLIES FOR WOVEN WIRE FENCE, 4'-0" HIGH	EA	10.00	\$250.00	\$2,500.00	\$225.00	\$2,250.00	\$250.00



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
607.4250	POST ASSEMBLIES FOR CHAIN LINK FENCE, 5' HIGH	EA	5.00	\$255.00	\$1,275.00	\$245.00	\$1,225.00	\$50.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	860.00	\$7.35	\$6,321.00	\$10.00	\$8,600.00	(\$2,279.00)
611.05216	16" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	75.00	\$325.00	\$24,375.00	\$220.00	\$16,500.00	\$7,875.00
611.41515	STEEL CASING PIPE WITH 16" DI-MJ CARRIER PIPE	LF	75.00	\$640.00	\$48,000.00	\$675.00	\$50,625.00	(\$2,625.00)
611.48515	REINSTALL 16" DI-MJ CARRIER PIPE IN EXISTING CASING	LF	140.00	\$400.00	\$56,000.00	\$50.00	\$7,000.00	\$49,000.00
611.70016	16" FITTING	EA	6.00	\$2,200.00	\$13,200.00	\$2,500.00	\$15,000.00	(\$1,800.00)
611.72016	16" BUTTERFLY VALVE WITH BOX	EA	1.00	\$6,800.00	\$6,800.00	\$3,000.00	\$3,000.00	\$3,800.00
611.76002	2" BLOW-OFF VALVE ASSEMBLY	EA	1.00	\$3,400.00	\$3,400.00	\$4,500.00	\$4,500.00	(\$1,100.00)
611.77	CHLORINE INJECTION TAP	EA	1.00	\$1,600.00	\$1,600.00	\$3,000.00	\$3,000.00	(\$1,400.00)
611.97116	16" MECHANICAL JOINT RESTRAINT	EA	8.00	\$625.00	\$5,000.00	\$200.00	\$1,600.00	\$3,400.00
611.972	CASING SPACERS	EA	16.00	\$500.00	\$8,000.00	\$300.00	\$4,800.00	\$3,200.00
612.22254	JACKED STEEL CASING WITH 12" HDPE CARRIER PIPE	U	1.00	\$700,000.00	\$700,000.00	\$525,000.00	\$525,000.00	\$175,000.00
612.3104	SEWER MANHOLE, 4-FOOT DIAMETER	VF	20.00	\$535.00	\$10,700.00	\$900.00	\$18,000.00	(\$7,300.00)
612.3304	MODIFY SEWER MANHOLE, 4' DIA.	EA	2.00	\$11,400.00	\$22,800.00	\$4,000.00	\$8,000.00	\$14,800.00
612.61512	12" PVC SEWER PIPE (SDR 35)	LF	20.00	\$235.00	\$4,700.00	\$400.00	\$8,000.00	(\$3,300.00)
615.01201	TRAFFIC SIGN TYPE A, BREAKAWAY MOUNTS	SF	1,300.00	\$155.00	\$201,500.00	\$125.00	\$162,500.00	\$39,000.00
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	13.00	\$6,000.00	\$78,000.00	\$535.00	\$6,955.00	\$71,045.00



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
615.023	REMOVING TRAFFIC SIGN TYPE B	U	1.00	\$525.00	\$525.00	\$65.00	\$65.00	\$460.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	3.00	\$5,250.00	\$15,750.00	\$535.00	\$1,605.00	\$14,145.00
615.03201	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS	SF	48.00	\$375.00	\$18,000.00	\$280.00	\$13,440.00	\$4,560.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	3.00	\$50.00	\$150.00	\$45.00	\$135.00	\$15.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	48.00	\$110.00	\$5,280.00	\$200.00	\$9,600.00	(\$4,320.00)
615.0401	TRAFFIC SIGN TYPE AA	SF	690.00	\$33.00	\$22,770.00	\$19.00	\$13,110.00	\$9,660.00
615.10001	FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$200,000.00	\$200,000.00	\$155,000.00	\$155,000.00	\$45,000.00
615.10301	REMOVING FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$10,000.00
615.10302	REMOVING FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$10,000.00
615.144	RELOCATE SIGN TYPE AA TO FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$2,700.00	\$2,700.00	\$2,500.00	\$2,500.00	\$200.00
615.20001	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$100,000.00	\$100,000.00	\$65,000.00	\$65,000.00	\$35,000.00
615.20301	REMOVING CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$5,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	283,000.00	\$1.00	\$283,000.00	\$1.00	\$283,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$650,000.00	\$650,000.00	\$250,000.00	\$250,000.00	\$400,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$22,000.00	\$88,000.00	\$3,000.00	\$12,000.00	\$76,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$21,000.00	\$84,000.00	\$5,000.00	\$20,000.00	\$64,000.00
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	8.00	\$950.00	\$7,600.00	\$1,500.00	\$12,000.00	(\$4,400.00)



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	26.00	\$1,250.00	\$32,500.00	\$1,100.00	\$28,600.00	\$3,900.00
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	35.00	\$750.00	\$26,250.00	\$645.00	\$22,575.00	\$3,675.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	131.00	\$550.00	\$72,050.00	\$865.00	\$113,315.00	(\$41,265.00)
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	26.00	\$850.00	\$22,100.00	\$1,200.00	\$31,200.00	(\$9,100.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$50,000.00	\$100,000.00	\$11,000.00	\$22,000.00	\$78,000.00
619.91	RELOCATE WORK ZONE ITS DEVICE	U	6.00	\$350.00	\$2,100.00	\$400.00	\$2,400.00	(\$300.00)
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	50.00	\$60.00	\$3,000.00	\$37.00	\$1,850.00	\$1,150.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	44.00	\$6.85	\$301.40	\$8.25	\$363.00	(\$61.60)
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	82.00	\$84.00	\$6,888.00	\$100.00	\$8,200.00	(\$1,312.00)
622.1	STEEL WITNESS MARKERS	EA	36.00	\$42.00	\$1,512.00	\$50.00	\$1,800.00	(\$288.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	210.00	\$10.00	\$2,100.00	\$5.00	\$1,050.00	\$1,050.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	219,300.00	\$0.31	\$67,983.00	\$0.20	\$43,860.00	\$24,123.00
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	11,500.00	\$0.80	\$9,200.00	\$0.50	\$5,750.00	\$3,450.00
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	10,000.00	\$9.50	\$95,000.00	\$2.50	\$25,000.00	\$70,000.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	2,700.00	\$4.20	\$11,340.00	\$4.00	\$10,800.00	\$540.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	81,650.00	\$0.52	\$42,458.00	\$0.75	\$61,237.50	(\$18,779.50)



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
645.119	MULCH WITH TACKIFIERS	A	26.00	\$1,300.00	\$33,800.00	\$1,300.00	\$33,800.00	\$0.00
645.3	EROSION STONE	TON	2,000.00	\$30.00	\$60,000.00	\$33.00	\$66,000.00	(\$6,000.00)
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	15,000.00	\$2.25	\$33,750.00	\$3.00	\$45,000.00	(\$11,250.00)
645.45	PERMANENT CHANNEL MATTING TYPE A	SY	6,300.00	\$6.75	\$42,525.00	\$9.00	\$56,700.00	(\$14,175.00)
645.482	STUMP GRINDINGS FOR TEMPORARY EROSION CONTROL	CY	500.00	\$29.00	\$14,500.00	\$20.00	\$10,000.00	\$4,500.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,600.00	\$4.00	\$14,400.00	\$7.25	\$26,100.00	(\$11,700.00)
645.531	SILT FENCE	LF	18,000.00	\$3.00	\$54,000.00	\$3.50	\$63,000.00	(\$9,000.00)
645.611	BONDED FIBER MATRIX (BFM)	LB	70,000.00	\$1.75	\$122,500.00	\$1.75	\$122,500.00	\$0.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$21,000.00	\$21,000.00	\$10,000.00	\$10,000.00	\$11,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	840.00	\$95.00	\$79,800.00	\$100.00	\$84,000.00	(\$4,200.00)
645.72	FINAL WETLAND IMPACT REPORT	U	1.00	\$5,250.00	\$5,250.00	\$5,000.00	\$5,000.00	\$250.00
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	19.00	\$1,525.00	\$28,975.00	\$2,300.00	\$43,700.00	(\$14,725.00)
647.1	HUMUS	CY	8,900.00	\$34.00	\$302,600.00	\$25.00	\$222,500.00	\$80,100.00
670.02	SEDIMENT SUMP MEASURING BLOCK	EA	1.00	\$683.00	\$683.00	\$800.00	\$800.00	(\$117.00)
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$164,600.00	\$164,600.00	\$350,000.00	\$350,000.00	(\$185,400.00)
670.04502	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$185,000.00	\$185,000.00	\$400,000.00	\$400,000.00	(\$215,000.00)



PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$20,000.00	\$40,000.00	\$4,000.00	\$8,000.00	\$32,000.00
670.1619	DISCHARGE PERMIT FOR CONTAMINATED WATER	U	1.00	\$7,875.00	\$7,875.00	\$11,250.00	\$11,250.00	(\$3,375.00)
670.313	PIPE CLEAN OUT AND DEBRIS REMOVAL	U	1.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$10,000.00
670.822	GNSS CONSTRUCTION INSPECTION EQUIPMENT	U	1.00	\$48,000.00	\$48,000.00	\$35,000.00	\$35,000.00	\$13,000.00
692.	MOBILIZATION	U	1.00	\$2,166,000.00	\$2,166,000.00	\$1,100,000.00	\$1,100,000.00	\$1,066,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$4,000.00	\$4,000.00	\$3,850.00	\$3,850.00	\$150.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$5,500.00	\$5,500.00	\$6,800.00	\$6,800.00	(\$1,300.00)
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$9,500.00	\$9,500.00	\$7,000.00	\$7,000.00	\$2,500.00
698.11913	FIELD OFFICE EQUIPMENT AND SUPPLIES	MON	30.00	\$900.00	\$27,000.00	\$2,000.00	\$60,000.00	(\$33,000.00)
698.2	PHYSICAL TESTING LABORATORY	MON	30.00	\$1,200.00	\$36,000.00	\$1,300.00	\$39,000.00	(\$3,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
1008.8	ALTERATIONS AND ADDITIONS AS NEEDED - WINTER MAINTENANCE	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.01	STEEL COST ADJUSTMENT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	130,000.00	\$1.00	\$130,000.00	\$1.00	\$130,000.00	\$0.00

Total:

\$22,579,444.00

\$18,964,254.75

\$3,615,189.25