

**State of New Hampshire
Department of Transportation**

23785.01

Project: SEABROOK-PORTSMOUTH
NON-FEDERAL 23785

County and Code: ROCKINGHAM COUNTY 015

Date Bids Open: May 8, 2014

Scope of Work: GUARDRAIL REPLACEMENT

Location: AT 17 LOCATIONS ALONG I-95 (BLUE STAR TURNPIKE)

Completion Date: September 19, 2014

A CWS FENCE & GUARDRAIL
261 FRANKLIN HIGHWAY ANDOVER, NH 03216

\$471,446.20

B DELUCCA FENCE COMPANY, INC.
FIVE OLD FERRY ROAD METHUEN, MA 01844

\$481125.00

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
202.7	REMOVAL OF GUARDRAIL	LF	12,778.00	\$1.50	\$19,167.00	\$0.85	\$10,861.30		
203.5554	GUARDRAIL 50' EAGRT PLATFORM	U	12.00	\$1,300.00	\$15,600.00	\$1,725.00	\$20,700.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$60.00	\$3,000.00	\$63.75	\$3,187.50		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	200.00	\$40.00	\$8,000.00	\$25.50	\$5,100.00		
550.102	STRUCTURAL STEEL (F)	LB	3,028.00	\$10.65	\$32,248.20	\$16.92	\$51,233.76		
565.91	BRIDGE APPROACH RAIL, THRIE BEAM TRANSITION (STEEL POSTS)	U	12.00	\$2,365.00	\$28,380.00	\$4,000.00	\$48,000.00		
606.1454	BEAM GUARDRAIL (TERM. UNIT TYPE EAGRT 50 FT.)	U	17.00	\$1,980.00	\$33,660.00	\$1,900.00	\$32,300.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	8,410.00	\$16.00	\$134,560.00	\$14.60	\$122,786.00		
606.28001	31" DOUBLE FACED W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,650.00	\$22.70	\$82,855.00	\$23.00	\$83,950.00		
606.312	SINGLE FACED TRANSITION RAIL, STEEL POSTS	U	1.00	\$2,790.00	\$2,790.00	\$4,000.00	\$4,000.00		
606.41231	TRANSITION SINGLE SLOPE CONCRETE BARRIER, PRECAST	U	1.00	\$3,600.00	\$3,600.00	\$7,100.00	\$7,100.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$17,250.00	\$17,250.00	\$9,151.44	\$9,151.44		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,400.00	\$2,800.00	\$3,000.00	\$6,000.00		
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$545.00	\$1,090.00	\$500.00	\$1,000.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$2,750.00	\$5,500.00	\$1,500.00	\$3,000.00		

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	165.00	\$4.00	\$660.00	\$4.00	\$660.00		
621.31	SINGLE DELINEATOR WITH POST	EA	85.00	\$32.00	\$2,720.00	\$30.00	\$2,550.00		
645.531	SILT FENCE	LF	2,750.00	\$1.50	\$4,125.00	\$1.50	\$4,125.00		
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	500.00	\$6.00	\$3,000.00	\$5.74	\$2,870.00		
692	MOBILIZATION	U	1.00	\$25,441.00	\$25,441.00	\$17,550.00	\$17,550.00		
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00		
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
					\$471,446.20		\$481,125.00		

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	
202.7	REMOVAL OF GUARDRAIL	LF	12,778.00	\$1.50	\$19,167.00	\$1.75	\$22,361.50	(\$3,194.50)
203.5554	GUARDRAIL 50' EAGRT PLATFORM	U	12.00	\$1,300.00	\$15,600.00	\$1,100.00	\$13,200.00	\$2,400.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$60.00	\$3,000.00	\$30.00	\$1,500.00	\$1,500.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	200.00	\$40.00	\$8,000.00	\$15.00	\$3,000.00	\$5,000.00
550.102	STRUCTURAL STEEL (F)	LB	3,028.00	\$10.65	\$32,248.20	\$5.00	\$15,140.00	\$17,108.20
565.91	BRIDGE APPROACH RAIL, THRIE BEAM TRANSITION (STEEL POSTS)	U	12.00	\$2,365.00	\$28,380.00	\$2,669.50	\$32,034.00	(\$3,654.00)
606.1454	BEAM GUARDRAIL (TERM. UNIT TYPE EAGRT 50 FT.)	U	17.00	\$1,980.00	\$33,660.00	\$2,100.00	\$35,700.00	(\$2,040.00)
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	8,410.00	\$16.00	\$134,560.00	\$18.00	\$151,380.00	(\$16,820.00)
606.28001	31" DOUBLE FACED W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,650.00	\$22.70	\$82,855.00	\$37.00	\$135,050.00	(\$52,195.00)
606.312	SINGLE FACED TRANSITION RAIL, STEEL POSTS	U	1.00	\$2,790.00	\$2,790.00	\$2,500.00	\$2,500.00	\$290.00
606.41231	TRANSITION SINGLE SLOPE CONCRETE BARRIER, PRECAST	U	1.00	\$3,600.00	\$3,600.00	\$1,675.00	\$1,675.00	\$1,925.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$17,250.00	\$17,250.00	\$25,000.00	\$25,000.00	(\$7,750.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,400.00	\$2,800.00	\$1,500.00	\$3,000.00	(\$200.00)
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$545.00	\$1,090.00	\$1,100.00	\$2,200.00	(\$1,110.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL	U	2.00	\$2,750.00	\$5,500.00	\$5,000.00	\$10,000.00	(\$4,500.00)

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	
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	165.00	\$4.00	\$660.00	\$4.25	\$701.25	(\$41.25)
621.31	SINGLE DELINEATOR WITH POST	EA	85.00	\$32.00	\$2,720.00	\$34.50	\$2,932.50	(\$212.50)
645.531	SILT FENCE	LF	2,750.00	\$1.50	\$4,125.00	\$2.75	\$7,562.50	(\$3,437.50)
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	500.00	\$6.00	\$3,000.00	\$7.00	\$3,500.00	(\$500.00)
692	MOBILIZATION	U	1.00	\$25,441.00	\$25,441.00	\$30,000.00	\$30,000.00	(\$4,559.00)
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
					\$471,446.20		\$543,436.75	(\$71,990.55)