

**State of New Hampshire  
Department of Transportation**

28653.01

**Project:** STATEWIDE X-A003(763) 28653  
**County and Code:** GRAFTON COUNTY 009  
**Date Bids Open:** December 11, 2014  
**Scope of Work:** GUARDRAIL REPLACEMENT  
**Location:** SEE THE PROSECUTION OF WORK  
**Completion Date:** June 26, 2015

A DELUCCA FENCE COMPANY, INC. FIVE OLD FERRY ROAD METHUEN, MA 01844	\$318,518.75
B PREMIER FENCE LLC 41 LEDIN DRIVE AVON, MA 02322	\$339,388.88
C CWS FENCE & GUARDRAIL 261 FRANKLIN HIGHWAY ANDOVER, NH 03216	\$373,871.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	400.00	\$9.00	\$3,600.00	\$18.00	\$7,200.00	\$8.00	\$3,200.00
202.7	REMOVAL OF GUARDRAIL	LF	4,200.00	\$2.40	\$10,080.00	\$1.50	\$6,300.00	\$2.50	\$10,500.00
203.55541	GUARDRAIL 50' EAGRT PLATFORM ALTERNATE	U	6.00	\$845.00	\$5,070.00	\$1,102.00	\$6,612.00	\$1,150.00	\$6,900.00
203.55542	GUARDRAIL 50' EGART OFFSET PLATFORM ALTERNATE	U	10.00	\$870.00	\$8,700.00	\$1,102.00	\$11,020.00	\$1,200.00	\$12,000.00
203.55551	GUARDRAIL 25' EAGRT PLATFORM ALTERNATE	U	2.00	\$745.00	\$1,490.00	\$1,102.00	\$2,204.00	\$1,000.00	\$2,000.00
203.55552	GUARDRAIL 25' EGART OFFSET PLATFORM ALTERNATE	U	2.00	\$770.00	\$1,540.00	\$1,102.00	\$2,204.00	\$1,100.00	\$2,200.00
203.5556	GUARDRAIL X-TENSION PLATFORM	U	4.00	\$845.00	\$3,380.00	\$1,102.00	\$4,408.00	\$2,250.00	\$9,000.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	210.00	\$35.85	\$7,528.50	\$39.70	\$8,337.00	\$22.00	\$4,620.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	0.50	\$255.00	\$127.50	\$511.75	\$255.88	\$1,200.00	\$600.00
563.3	BRIDGE RAIL T101	LF	44.00	\$135.00	\$5,940.00	\$184.75	\$8,129.00	\$150.00	\$6,600.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	1.00	\$325.00	\$325.00	\$966.00	\$966.00	\$1,100.00	\$1,100.00
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	325.00	\$8.00	\$2,600.00	\$11.20	\$3,640.00	\$8.00	\$2,600.00
606.012	W6X9 STEEL POST REPLACE- MENTS FOR BEAM GUARDRAIL POSTS	EA	25.00	\$65.00	\$1,625.00	\$54.40	\$1,360.00	\$60.00	\$1,500.00
606.0122	STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	50.00	\$15.00	\$750.00	\$17.00	\$850.00	\$10.00	\$500.00
606.014	6"X8" WOOD POST REPLACE- MENTS FOR BEAM GUARDRAIL POSTS	EA	25.00	\$50.00	\$1,250.00	\$66.50	\$1,662.50	\$58.00	\$1,450.00
606.0142	6"X8" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	200.00	\$8.00	\$1,600.00	\$19.95	\$3,990.00	\$15.00	\$3,000.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 50 FT) (STEEL POST)	U	16.00	\$1,700.00	\$27,200.00	\$2,397.00	\$38,352.00	\$2,050.00	\$32,800.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 25 FT) (STEEL POST)	U	4.00	\$1,600.00	\$6,400.00	\$1,995.00	\$7,980.00	\$1,900.00	\$7,600.00
606.1256	BEAM GUARDRAIL (TERM. UNIT TYPE X-TENSION)	U	4.00	\$4,950.00	\$19,800.00	\$2,445.00	\$9,780.00	\$6,250.00	\$25,000.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$475.00	\$475.00	\$527.00	\$527.00	\$500.00	\$500.00
606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	3.00	\$3,800.00	\$11,400.00	\$3,330.00	\$9,990.00	\$3,675.00	\$11,025.00
606.12851	BEAM GUARDRAIL (BRIDGE APPROACH UNIT-MODIFIED)	U	1.00	\$6,800.00	\$6,800.00	\$5,010.00	\$5,010.00	\$6,800.00	\$6,800.00
606.15806	STEEL BEAM GUARDRAIL, 8'-6" STEEL POSTS (NU-GUARD 31)	LF	450.00	\$20.25	\$9,112.50	\$22.55	\$10,147.50	\$24.00	\$10,800.00
606.15809	STEEL BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD 31)	LF	2,050.00	\$19.75	\$40,487.50	\$20.30	\$41,615.00	\$19.50	\$39,975.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	1,800.00	\$15.50	\$27,900.00	\$19.60	\$35,280.00	\$22.50	\$40,500.00
606.182	31" W-BEAM GUARDRAIL LONGSPAN (18'-9")	U	1.00	\$3,365.00	\$3,365.00	\$2,400.00	\$2,400.00	\$4,265.00	\$4,265.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	40.00	\$19.00	\$760.00	\$23.00	\$920.00	\$25.00	\$1,000.00
618.7	FLAGGERS	HR	2,000.00	\$15.54	\$31,080.00	\$5.00	\$10,000.00	\$28.00	\$56,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$16,000.00	\$16,000.00	\$24,200.00	\$24,200.00	\$5,000.00	\$5,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$900.00	\$1,800.00	\$840.00	\$1,680.00	\$900.00	\$1,800.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$950.00	\$1,900.00	\$300.00	\$600.00	\$500.00	\$1,000.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$3,000.00	\$3,000.00	\$768.00	\$768.00	\$1,000.00	\$1,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	75.00	\$3.25	\$243.75	\$4.50	\$337.50	\$4.00	\$300.00
621.31	SINGLE DELINEATOR WITH POST	EA	67.00	\$30.00	\$2,010.00	\$34.50	\$2,311.50	\$32.00	\$2,144.00
621.32	DOUBLE DELINEATOR WITH POST	EA	13.00	\$33.00	\$429.00	\$38.00	\$494.00	\$40.00	\$520.00
645.531	SILT FENCE	LF	3,000.00	\$2.10	\$6,300.00	\$4.30	\$12,900.00	\$3.00	\$9,000.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,600.00	\$2.60	\$9,360.00	\$2.30	\$8,280.00	\$2.50	\$9,000.00
647.1	HUMUS	CY	400.00	\$33.10	\$13,240.00	\$41.10	\$16,440.00	\$25.00	\$10,000.00
692	MOBILIZATION	U	1.00	\$14,800.00	\$14,800.00	\$21,138.00	\$21,138.00	\$22,772.00	\$22,772.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$2,050.00	\$2,050.00	\$2,100.00	\$2,100.00	\$300.00	\$300.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
					\$318,518.75		\$339,388.88		\$373,871.00

## 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	
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	400.00	\$9.00	\$3,600.00	\$13.00	\$5,200.00	(\$1,600.00)
202.7	REMOVAL OF GUARDRAIL	LF	4,200.00	\$2.40	\$10,080.00	\$1.70	\$7,140.00	\$2,940.00
203.55541	GUARDRAIL 50' EAGRT PLATFORM ALTERNATE	U	6.00	\$845.00	\$5,070.00	\$1,000.00	\$6,000.00	(\$930.00)
203.55542	GUARDRAIL 50' EGART OFFSET PLATFORM ALTERNATE	U	10.00	\$870.00	\$8,700.00	\$940.00	\$9,400.00	(\$700.00)
203.55551	GUARDRAIL 25' EAGRT PLATFORM ALTERNATE	U	2.00	\$745.00	\$1,490.00	\$950.00	\$1,900.00	(\$410.00)
203.55552	GUARDRAIL 25' EGART OFFSET PLATFORM ALTERNATE	U	2.00	\$770.00	\$1,540.00	\$820.00	\$1,640.00	(\$100.00)
203.5556	GUARDRAIL X-TENSION PLATFORM	U	4.00	\$845.00	\$3,380.00	\$2,300.00	\$9,200.00	(\$5,820.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	210.00	\$35.85	\$7,528.50	\$20.00	\$4,200.00	\$3,328.50
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	0.50	\$255.00	\$127.50	\$155.00	\$77.50	\$50.00
563.3	BRIDGE RAIL T101	LF	44.00	\$135.00	\$5,940.00	\$200.00	\$8,800.00	(\$2,860.00)
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	1.00	\$325.00	\$325.00	\$310.00	\$310.00	\$15.00
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	325.00	\$8.00	\$2,600.00	\$8.00	\$2,600.00	\$0.00
606.012	W6X9 STEEL POST REPLACE- MENTS FOR BEAM GUARDRAIL POSTS	EA	25.00	\$65.00	\$1,625.00	\$48.00	\$1,200.00	\$425.00
606.0122	STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	50.00	\$15.00	\$750.00	\$12.00	\$600.00	\$150.00
606.014	6"X8" WOOD POST REPLACE- MENTS FOR BEAM GUARDRAIL POSTS	EA	25.00	\$50.00	\$1,250.00	\$54.00	\$1,350.00	(\$100.00)
606.0142	6"X8" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	200.00	\$8.00	\$1,600.00	\$15.00	\$3,000.00	(\$1,400.00)

## 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	
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 50 FT) (STEEL POST)	U	16.00	\$1,700.00	\$27,200.00	\$1,950.00	\$31,200.00	(\$4,000.00)
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 25 FT) (STEEL POST)	U	4.00	\$1,600.00	\$6,400.00	\$1,560.00	\$6,240.00	\$160.00
606.1256	BEAM GUARDRAIL (TERM. UNIT TYPE X-TENSION)	U	4.00	\$4,950.00	\$19,800.00	\$4,800.00	\$19,200.00	\$600.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$475.00	\$475.00	\$440.00	\$440.00	\$35.00
606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	3.00	\$3,800.00	\$11,400.00	\$2,400.00	\$7,200.00	\$4,200.00
606.12851	BEAM GUARDRAIL (BRIDGE APPROACH UNIT-MODIFIED)	U	1.00	\$6,800.00	\$6,800.00	\$3,700.00	\$3,700.00	\$3,100.00
606.15806	STEEL BEAM GUARDRAIL, 8'-6" STEEL POSTS (NU-GUARD 31)	LF	450.00	\$20.25	\$9,112.50	\$30.00	\$13,500.00	(\$4,387.50)
606.15809	STEEL BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD 31)	LF	2,050.00	\$19.75	\$40,487.50	\$25.00	\$51,250.00	(\$10,762.50)
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	1,800.00	\$15.50	\$27,900.00	\$17.00	\$30,600.00	(\$2,700.00)
606.182	31" W-BEAM GUARDRAIL LONGSPAN (18'-9")	U	1.00	\$3,365.00	\$3,365.00	\$2,500.00	\$2,500.00	\$865.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	40.00	\$19.00	\$760.00	\$8.00	\$320.00	\$440.00
618.7	FLAGGERS	HR	2,000.00	\$15.54	\$31,080.00	\$22.00	\$44,000.00	(\$12,920.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$16,000.00	\$16,000.00	\$20,000.00	\$20,000.00	(\$4,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$900.00	\$1,800.00	\$2,100.00	\$4,200.00	(\$2,400.00)
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$950.00	\$1,900.00	\$800.00	\$1,600.00	\$300.00

## 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	
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$3,000.00	\$3,000.00	\$5,100.00	\$5,100.00	(\$2,100.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	75.00	\$3.25	\$243.75	\$4.10	\$307.50	(\$63.75)
621.31	SINGLE DELINEATOR WITH POST	EA	67.00	\$30.00	\$2,010.00	\$33.00	\$2,211.00	(\$201.00)
621.32	DOUBLE DELINEATOR WITH POST	EA	13.00	\$33.00	\$429.00	\$30.00	\$390.00	\$39.00
645.531	SILT FENCE	LF	3,000.00	\$2.10	\$6,300.00	\$3.00	\$9,000.00	(\$2,700.00)
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,600.00	\$2.60	\$9,360.00	\$0.40	\$1,440.00	\$7,920.00
647.1	HUMUS	CY	400.00	\$33.10	\$13,240.00	\$16.00	\$6,400.00	\$6,840.00
692	MOBILIZATION	U	1.00	\$14,800.00	\$14,800.00	\$30,000.00	\$30,000.00	(\$15,200.00)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$2,050.00	\$2,050.00	\$4,000.00	\$4,000.00	(\$1,950.00)
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
					\$318,518.75			(\$45,897.25)
							\$364,416.00	