



ABC Bid Data

STATEWIDE
41899
X-A004(769)

PROJECT: STATEWIDE
STATE PROJECT NUMBER: 41899
FED. PROJECT NUMBER: X-A004(769)
DATE BIDS OPEN: November 21, 2019,
SCOPE OF WORK: Replace cable guardrail and F terminal units on Tier 2 and 3 roads in Districts 4 & 5.
COMPLETION DATE: October 23, 2020
LOCATION:

Awarded To: CWS FENCE & GUARDRAIL
CO
261 FRANKLIN HWY
ANDOVER, NH 03216-3810
Amount: \$839,188.25
Award Date:

Certified by: PETER.E.STAMNAS
Director of Project Development

Summary of Bidders

Contractor	Bid Amount	Rank
CWS FENCE & GUARDRAIL CO 261 FRANKLIN HWY, ANDOVER NH 03216-3810	\$839,188.25	A

Item No.	Description	Unit	Quantity	PS&E		CWS FENCE & GUARDRAIL CO 261 FRANKLIN HWY ANDOVER, NH 03216-3810		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

202.7	REMOVAL OF GUARDRAIL	LF	9,000.00	\$2.00	\$18,000.00	\$2.50	\$22,500.00		
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	75.00	\$28.00	\$2,100.00	\$15.00	\$1,125.00		
203.5561	EAGRT PLATFORM PREFERRED	U	28.00	\$1,300.00	\$36,400.00	\$1,450.00	\$40,600.00		
203.5562	EAGRT PLATFORM ALTERNATE	U	9.00	\$1,300.00	\$11,700.00	\$1,450.00	\$13,050.00		
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	6.00	\$1,200.00	\$7,200.00	\$1,450.00	\$8,700.00		
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	1.00	\$1,200.00	\$1,200.00	\$1,450.00	\$1,450.00		
203.5596	GUARDRAIL E-2 PLATFORM	LF	450.00	\$30.00	\$13,500.00	\$30.00	\$13,500.00		
203.601	EMBANKMENT-IN-PLACE	CY	70.00	\$35.00	\$2,450.00	\$25.00	\$1,750.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	4.00	\$300.00	\$1,200.00	\$50.00	\$200.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	150.00	\$50.00	\$7,500.00	\$12.50	\$1,875.00		
304.301	CRUSHED GRAVEL	CY	8.00	\$200.00	\$1,600.00	\$52.00	\$416.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,000.00	\$40.00	\$40,000.00	\$52.00	\$52,000.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	120.00	\$150.00	\$18,000.00	\$240.00	\$28,800.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	15.00	\$150.00	\$2,250.00	\$100.00	\$1,500.00		
585.3	STONE FILL, CLASS C	CY	15.00	\$200.00	\$3,000.00	\$100.00	\$1,500.00		
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	45.00	\$15.00	\$675.00	\$5.25	\$236.25		
603.34115	15" STEEL END SECTIONS	EA	1.00	\$250.00	\$250.00	\$600.00	\$600.00		
603.34118	18" STEEL END SECTIONS	EA	3.00	\$250.00	\$750.00	\$600.00	\$1,800.00		
603.34124	24" STEEL END SECTIONS	EA	2.00	\$400.00	\$800.00	\$600.00	\$1,200.00		
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	30.00	\$100.00	\$3,000.00	\$80.00	\$2,400.00		
603.60015	LAYING/RELAYING 15" DRAINAGE PIPE	LF	50.00	\$100.00	\$5,000.00	\$80.00	\$4,000.00		
603.82218	18" PE PIPE (TYPE S)	LF	65.00	\$75.00	\$4,875.00	\$92.50	\$6,012.50		
604.0007	POLYETHYLENE LINER	EA	1.00	\$150.00	\$150.00	\$200.00	\$200.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	1.00	\$500.00	\$500.00	\$525.00	\$525.00		
604.72	GRATES & FRAMES, TYPE B	EA	1.00	\$650.00	\$650.00	\$1,000.00	\$1,000.00		
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	350.00	\$8.00	\$2,800.00	\$8.00	\$2,800.00		
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	14.00	\$60.00	\$840.00	\$75.00	\$1,050.00		
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	14.00	\$15.00	\$210.00	\$15.00	\$210.00		
606.01588	FURNISH STEEL POSTS (NU-GUARD-31), 7'-6" WITH HARDWARE	EA	6.00	\$70.00	\$420.00	\$85.00	\$510.00		

Item No.	Description	Unit	Quantity	PS&E		CWS FENCE & GUARDRAIL CO 261 FRANKLIN HWY ANDOVER, NH 03216-3810		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	18.00	\$3,000.00	\$54,000.00	\$2,985.00	\$53,730.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	19.00	\$2,700.00	\$51,300.00	\$2,985.00	\$56,715.00		
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	7.00	\$2,500.00	\$17,500.00	\$2,850.00	\$19,950.00		
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	37.50	\$23.00	\$862.50	\$25.00	\$937.50		
606.1497	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2 MODIFIED)	LF	450.00	\$35.00	\$15,750.00	\$38.00	\$17,100.00		
606.15805	BEAM GUARDRAIL, 8' STEEL POSTS (NU-GUARD 31)	LF	175.00	\$23.00	\$4,025.00	\$26.50	\$4,637.50		
606.15807	BEAM GUARDRAIL, 9'-6" STEEL POSTS (NU-GUARD 31)	LF	200.00	\$24.00	\$4,800.00	\$28.00	\$5,600.00		
606.15809	BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	650.00	\$23.00	\$14,950.00	\$25.00	\$16,250.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	5,800.00	\$22.00	\$127,600.00	\$22.00	\$127,600.00		
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8' STEEL POST)	LF	2,150.00	\$24.00	\$51,600.00	\$23.50	\$50,525.00		
606.184	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (REDUCED POST SPACING)	LF	300.00	\$25.00	\$7,500.00	\$30.00	\$9,000.00		
606.84	ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS	U	2.00	\$1,600.00	\$3,200.00	\$1,650.00	\$3,300.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	2,050.00	\$20.00	\$41,000.00	\$20.00	\$41,000.00		
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	1.00	\$300.00	\$300.00	\$400.00	\$400.00		
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	1.00	\$200.00	\$200.00	\$400.00	\$400.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
618.7	FLAGGERS	HR	1,000.00	\$35.00	\$35,000.00	\$36.00	\$36,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$10,500.00	\$10,500.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,500.00	\$5,000.00	\$1,600.00	\$3,200.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,000.00	\$2,000.00	\$100.00	\$200.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	225.00	\$5.00	\$1,125.00	\$5.00	\$1,125.00		
621.31	SINGLE DELINEATOR WITH POST	EA	110.00	\$40.00	\$4,400.00	\$50.00	\$5,500.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	25.00	\$45.00	\$1,125.00	\$55.00	\$1,375.00		
622.1	STEEL WITNESS MARKERS	EA	6.00	\$40.00	\$240.00	\$35.00	\$210.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,100.00	\$8.00	\$16,800.00	\$6.25	\$13,125.00		
645.3	EROSION STONE	TON	75.00	\$45.00	\$3,375.00	\$100.00	\$7,500.00		
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	4,350.00	\$3.00	\$13,050.00	\$4.95	\$21,532.50		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,000.00	\$7.00	\$7,000.00	\$4.00	\$4,000.00		
645.531	SILT FENCE	LF	1,000.00	\$3.50	\$3,500.00	\$3.50	\$3,500.00		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	6,300.00	\$3.00	\$18,900.00	\$3.25	\$20,475.00		
647.1	HUMUS	CY	700.00	\$30.00	\$21,000.00	\$25.00	\$17,500.00		

Item No.	Description	Unit	Quantity	PS&E		CWS FENCE & GUARDRAIL CO 261 FRANKLIN HWY ANDOVER, NH 03216-3810		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	3.00	\$200.00	\$600.00	\$250.00	\$750.00		
692.	MOBILIZATION	U	1.00	\$58,800.00	\$58,800.00	\$47,041.00	\$47,041.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00		
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
Totals:					\$850,522.50		\$839,188.25		
Alt. Totals:									
Totals:					\$850,522.50		\$839,188.25		



PS&E Comparison

STATEWIDE
41899
X-A004(769)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
202.7	REMOVAL OF GUARDRAIL	LF	9,000.00	\$2.50	\$22,500.00	\$2.00	\$18,000.00	\$4,500.00
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	75.00	\$15.00	\$1,125.00	\$28.00	\$2,100.00	(\$975.00)
203.5561	EAGRT PLATFORM PREFERRED	U	28.00	\$1,450.00	\$40,600.00	\$1,300.00	\$36,400.00	\$4,200.00
203.5562	EAGRT PLATFORM ALTERNATE	U	9.00	\$1,450.00	\$13,050.00	\$1,300.00	\$11,700.00	\$1,350.00
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	6.00	\$1,450.00	\$8,700.00	\$1,200.00	\$7,200.00	\$1,500.00
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	1.00	\$1,450.00	\$1,450.00	\$1,200.00	\$1,200.00	\$250.00
203.5596	GUARDRAIL E-2 PLATFORM	LF	450.00	\$30.00	\$13,500.00	\$30.00	\$13,500.00	\$0.00
203.601	EMBANKMENT-IN-PLACE	CY	70.00	\$25.00	\$1,750.00	\$35.00	\$2,450.00	(\$700.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	4.00	\$50.00	\$200.00	\$300.00	\$1,200.00	(\$1,000.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	150.00	\$12.50	\$1,875.00	\$50.00	\$7,500.00	(\$5,625.00)
304.301	CRUSHED GRAVEL	CY	8.00	\$52.00	\$416.00	\$200.00	\$1,600.00	(\$1,184.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,000.00	\$52.00	\$52,000.00	\$40.00	\$40,000.00	\$12,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	120.00	\$240.00	\$28,800.00	\$150.00	\$18,000.00	\$10,800.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	15.00	\$100.00	\$1,500.00	\$150.00	\$2,250.00	(\$750.00)
585.3	STONE FILL, CLASS C	CY	15.00	\$100.00	\$1,500.00	\$200.00	\$3,000.00	(\$1,500.00)

593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	45.00	\$5.25	\$236.25	\$15.00	\$675.00	(\$438.75)
603.34115	15" STEEL END SECTIONS	EA	1.00	\$600.00	\$600.00	\$250.00	\$250.00	\$350.00
603.34118	18" STEEL END SECTIONS	EA	3.00	\$600.00	\$1,800.00	\$250.00	\$750.00	\$1,050.00
603.34124	24" STEEL END SECTIONS	EA	2.00	\$600.00	\$1,200.00	\$400.00	\$800.00	\$400.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	30.00	\$80.00	\$2,400.00	\$100.00	\$3,000.00	(\$600.00)
603.60015	LAYING/RELAYING 15" DRAINAGE PIPE	LF	50.00	\$80.00	\$4,000.00	\$100.00	\$5,000.00	(\$1,000.00)
603.82218	18" PE PIPE (TYPE S)	LF	65.00	\$92.50	\$6,012.50	\$75.00	\$4,875.00	\$1,137.50
604.0007	POLYETHYLENE LINER	EA	1.00	\$200.00	\$200.00	\$150.00	\$150.00	\$50.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	1.00	\$525.00	\$525.00	\$500.00	\$500.00	\$25.00
604.72	GRATES & FRAMES, TYPE B	EA	1.00	\$1,000.00	\$1,000.00	\$650.00	\$650.00	\$350.00
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	350.00	\$8.00	\$2,800.00	\$8.00	\$2,800.00	\$0.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	14.00	\$75.00	\$1,050.00	\$60.00	\$840.00	\$210.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	14.00	\$15.00	\$210.00	\$15.00	\$210.00	\$0.00
606.01588	FURNISH STEEL POSTS (NU-GUARD-31), 7'-6" WITH HARDWARE	EA	6.00	\$85.00	\$510.00	\$70.00	\$420.00	\$90.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	18.00	\$2,985.00	\$53,730.00	\$3,000.00	\$54,000.00	(\$270.00)
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	19.00	\$2,985.00	\$56,715.00	\$2,700.00	\$51,300.00	\$5,415.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	7.00	\$2,850.00	\$19,950.00	\$2,500.00	\$17,500.00	\$2,450.00
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	37.50	\$25.00	\$937.50	\$23.00	\$862.50	\$75.00
606.1497	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2 MODIFIED)	LF	450.00	\$38.00	\$17,100.00	\$35.00	\$15,750.00	\$1,350.00
606.15805	BEAM GUARDRAIL, 8' STEEL POSTS (NU-GUARD 31)	LF	175.00	\$26.50	\$4,637.50	\$23.00	\$4,025.00	\$612.50
606.15807	BEAM GUARDRAIL, 9'-6" STEEL POSTS (NU-GUARD 31)	LF	200.00	\$28.00	\$5,600.00	\$24.00	\$4,800.00	\$800.00

606.15809	BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	650.00	\$25.00	\$16,250.00	\$23.00	\$14,950.00	\$1,300.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	5,800.00	\$22.00	\$127,600.00	\$22.00	\$127,600.00	\$0.00
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8' STEEL POST)	LF	2,150.00	\$23.50	\$50,525.00	\$24.00	\$51,600.00	(\$1,075.00)
606.184	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (REDUCED POST SPACING)	LF	300.00	\$30.00	\$9,000.00	\$25.00	\$7,500.00	\$1,500.00
606.84	ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS	U	2.00	\$1,650.00	\$3,300.00	\$1,600.00	\$3,200.00	\$100.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	2,050.00	\$20.00	\$41,000.00	\$20.00	\$41,000.00	\$0.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	1.00	\$400.00	\$400.00	\$300.00	\$300.00	\$100.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	1.00	\$400.00	\$400.00	\$200.00	\$200.00	\$200.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
618.7	FLAGGERS	HR	1,000.00	\$36.00	\$36,000.00	\$35.00	\$35,000.00	\$1,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$10,500.00	\$10,500.00	\$50,000.00	\$50,000.00	(\$39,500.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,600.00	\$3,200.00	\$2,500.00	\$5,000.00	(\$1,800.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$100.00	\$200.00	\$1,000.00	\$2,000.00	(\$1,800.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	225.00	\$5.00	\$1,125.00	\$5.00	\$1,125.00	\$0.00
621.31	SINGLE DELINEATOR WITH POST	EA	110.00	\$50.00	\$5,500.00	\$40.00	\$4,400.00	\$1,100.00
621.32	DOUBLE DELINEATOR WITH POST	EA	25.00	\$55.00	\$1,375.00	\$45.00	\$1,125.00	\$250.00
622.1	STEEL WITNESS MARKERS	EA	6.00	\$35.00	\$210.00	\$40.00	\$240.00	(\$30.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,100.00	\$6.25	\$13,125.00	\$8.00	\$16,800.00	(\$3,675.00)
645.3	EROSION STONE	TON	75.00	\$100.00	\$7,500.00	\$45.00	\$3,375.00	\$4,125.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	4,350.00	\$4.95	\$21,532.50	\$3.00	\$13,050.00	\$8,482.50
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,000.00	\$4.00	\$4,000.00	\$7.00	\$7,000.00	(\$3,000.00)
645.531	SILT FENCE	LF	1,000.00	\$3.50	\$3,500.00	\$3.50	\$3,500.00	\$0.00

646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	6,300.00	\$3.25	\$20,475.00	\$3.00	\$18,900.00	\$1,575.00
647.1	HUMUS	CY	700.00	\$25.00	\$17,500.00	\$30.00	\$21,000.00	(\$3,500.00)
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	3.00	\$250.00	\$750.00	\$200.00	\$600.00	\$150.00
692.	MOBILIZATION	U	1.00	\$47,041.00	\$47,041.00	\$58,800.00	\$58,800.00	(\$11,759.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
Total:					\$839,188.25		\$850,522.50	(\$11,334.25)