



ABC Bid Data

STATEWIDE
41897
X-A004(767)

PROJECT:	STATEWIDE	Awarded To:	CWS FENCE & GUARDRAIL CO 261 FRANKLIN HWY ANDOVER, NH 03216-3810		
STATE PROJECT NUMBER:	41897	Amount:	\$1,298,207.50	Certified by:	<u>PETER.E.STAMNAS</u> <small>Director of Project Development</small>
FED. PROJECT NUMBER:	X-A004(767)	Award Date:			
DATE BIDS OPEN:	February 20, 2020,				
SCOPE OF WORK:	Replace cable guardrail and F terminal units on Tier 2 and 3 roads				
COMPLETION DATE:	October 30, 2020				
LOCATION:					

Summary of Bidders

Contractor	Bid Amount	Rank
CWS FENCE & GUARDRAIL CO 261 FRANKLIN HWY, PO BOX 120, ANDOVER NH 03216-3810	\$1,298,207.50	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	12,700.00	\$2.50	\$31,750.00	\$3.50	\$44,450.00		
203.1	COMMON EXCAVATION	CY	115.00	\$32.00	\$3,680.00	\$13.25	\$1,523.75		
203.11	COMMON EXCAVATION - LRS	CY	75.00	\$21.00	\$1,575.00	\$22.50	\$1,687.50		
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	725.00	\$28.00	\$20,300.00	\$27.50	\$19,937.50		
203.5561	EAGRT PLATFORM PREFERRED	U	49.00	\$1,300.00	\$63,700.00	\$1,450.00	\$71,050.00		
203.5562	EAGRT PLATFORM ALTERNATE	U	3.00	\$1,300.00	\$3,900.00	\$1,450.00	\$4,350.00		
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	4.00	\$1,200.00	\$4,800.00	\$1,450.00	\$5,800.00		
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	2.00	\$1,200.00	\$2,400.00	\$1,450.00	\$2,900.00		
203.5596	GUARDRAIL E-2 PLATFORM	LF	100.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00		
203.601	EMBANKMENT-IN-PLACE	CY	80.00	\$30.00	\$2,400.00	\$18.00	\$1,440.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	26.00	\$75.00	\$1,950.00	\$42.00	\$1,092.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	250.00	\$30.00	\$7,500.00	\$50.00	\$12,500.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,000.00	\$45.00	\$45,000.00	\$37.50	\$37,500.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	60.00	\$300.00	\$18,000.00	\$300.00	\$18,000.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	7.00	\$150.00	\$1,050.00	\$100.00	\$700.00		
565.733	BRIDGE APPROACH RAIL F (3-BAR) (MODIFIED)	U	1.00	\$12,000.00	\$12,000.00	\$14,580.00	\$14,580.00		
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	5.00	\$300.00	\$1,500.00	\$250.00	\$1,250.00		
565.81	REHABILITATION OF BRIDGE APPROACH RAIL	U	1.00	\$4,200.00	\$4,200.00	\$16,860.00	\$16,860.00		
570.4	MORTAR RUBBLE MASONRY (F)	CY	3.00	\$800.00	\$2,400.00	\$1,025.00	\$3,075.00		
585.3	STONE FILL, CLASS C	CY	23.00	\$100.00	\$2,300.00	\$100.00	\$2,300.00		
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	92.00	\$4.50	\$414.00	\$5.25	\$483.00		
603.34115	15" STEEL END SECTIONS	EA	4.00	\$320.00	\$1,280.00	\$525.00	\$2,100.00		
603.34118	18" STEEL END SECTIONS	EA	1.00	\$350.00	\$350.00	\$400.00	\$400.00		
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	180.00	\$75.00	\$13,500.00	\$80.00	\$14,400.00		
603.60015	LAYING/RELAYING 15" DRAINAGE PIPE	LF	35.00	\$90.00	\$3,150.00	\$86.00	\$3,010.00		
603.60018	LAYING/RELAYING 18" DRAINAGE PIPE	LF	20.00	\$105.00	\$2,100.00	\$100.00	\$2,000.00		
604.0007	POLYETHYLENE LINER	EA	3.00	\$175.00	\$525.00	\$195.00	\$585.00		
604.242	DROP INLETS TYPE D-B	U	3.00	\$2,000.00	\$6,000.00	\$2,050.00	\$6,150.00		
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	18.00	\$70.00	\$1,260.00	\$95.00	\$1,710.00		
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	18.00	\$15.00	\$270.00	\$20.00	\$360.00		

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		
606.01591	STEEL POSTS (NU-GUARD-31), 9'-6" WITH HARDWARE	EA	6.00	\$60.00	\$360.00	\$95.00	\$570.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	34.00	\$3,000.00	\$102,000.00	\$3,285.00	\$111,690.00		
606.12549	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT TL 3) (STEEL POST) (POWDER COATED)	U	19.00	\$4,000.00	\$76,000.00	\$5,950.00	\$113,050.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	21.00	\$2,800.00	\$58,800.00	\$3,285.00	\$68,985.00		
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	6.00	\$2,700.00	\$16,200.00	\$2,875.00	\$17,250.00		
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	100.00	\$40.00	\$4,000.00	\$40.00	\$4,000.00		
606.15807	BEAM GUARDRAIL, 9'-6" STEEL POSTS (NU-GUARD 31)	LF	5,050.00	\$25.00	\$126,250.00	\$29.00	\$146,450.00		
606.15809	BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	275.00	\$23.00	\$6,325.00	\$25.00	\$6,875.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	5,675.00	\$22.00	\$124,850.00	\$22.00	\$124,850.00		
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8' STEEL POST)	LF	775.00	\$25.00	\$19,375.00	\$27.50	\$21,312.50		
606.18091	31" W-BEAM GUARDRAIL WITH /8" OFFSET BLOCK (STEEL POST) (POWDER COATED)	LF	300.00	\$40.00	\$12,000.00	\$45.00	\$13,500.00		
606.84	ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS	U	1.00	\$2,000.00	\$2,000.00	\$1,850.00	\$1,850.00		
606.91	RESETTING OR SETTING GUARDRAIL	LF	125.00	\$15.00	\$1,875.00	\$8.00	\$1,000.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	890.00	\$20.00	\$17,800.00	\$20.00	\$17,800.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	18,000.00	\$1.00	\$18,000.00	\$1.00	\$18,000.00		
618.7	FLAGGERS	HR	1,300.00	\$38.00	\$49,400.00	\$36.00	\$46,800.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$72,000.00	\$72,000.00	\$52,000.00	\$52,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$3,000.00	\$6,000.00	\$1,500.00	\$3,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	350.00	\$5.00	\$1,750.00	\$5.00	\$1,750.00		
621.31	SINGLE DELINEATOR WITH POST	EA	140.00	\$41.00	\$5,740.00	\$50.00	\$7,000.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	55.00	\$46.00	\$2,530.00	\$55.00	\$3,025.00		
622.1	STEEL WITNESS MARKERS	EA	8.00	\$40.00	\$320.00	\$35.00	\$280.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	975.00	\$8.00	\$7,800.00	\$6.25	\$6,093.75		
645.3	EROSION STONE	TON	75.00	\$75.00	\$5,625.00	\$100.00	\$7,500.00		
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	6,850.00	\$5.00	\$34,250.00	\$4.95	\$33,907.50		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,000.00	\$7.00	\$7,000.00	\$5.50	\$5,500.00		
645.531	SILT FENCE	LF	1,000.00	\$3.50	\$3,500.00	\$2.00	\$2,000.00		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	13,100.00	\$3.00	\$39,300.00	\$3.25	\$42,575.00		
647.1	HUMUS	CY	1,550.00	\$30.00	\$46,500.00	\$28.00	\$43,400.00		
692.	MOBILIZATION	U	1.00	\$60,000.00	\$60,000.00	\$48,000.00	\$48,000.00		

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		
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		

Totals: **\$1,225,304.00** **\$1,298,207.50**

Alt. Totals:

Totals: **\$1,225,304.00** **\$1,298,207.50**



PS&E Comparison

STATEWIDE
41897
X-A004(767)

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	12,700.00	\$3.50	\$44,450.00	\$2.50	\$31,750.00	\$12,700.00
203.1	COMMON EXCAVATION	CY	115.00	\$13.25	\$1,523.75	\$32.00	\$3,680.00	(\$2,156.25)
203.11	COMMON EXCAVATION - LRS	CY	75.00	\$22.50	\$1,687.50	\$21.00	\$1,575.00	\$112.50
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	725.00	\$27.50	\$19,937.50	\$28.00	\$20,300.00	(\$362.50)
203.5561	EAGRT PLATFORM PREFERRED	U	49.00	\$1,450.00	\$71,050.00	\$1,300.00	\$63,700.00	\$7,350.00
203.5562	EAGRT PLATFORM ALTERNATE	U	3.00	\$1,450.00	\$4,350.00	\$1,300.00	\$3,900.00	\$450.00
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	4.00	\$1,450.00	\$5,800.00	\$1,200.00	\$4,800.00	\$1,000.00
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	2.00	\$1,450.00	\$2,900.00	\$1,200.00	\$2,400.00	\$500.00
203.5596	GUARDRAIL E-2 PLATFORM	LF	100.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00	\$0.00
203.601	EMBANKMENT-IN-PLACE	CY	80.00	\$18.00	\$1,440.00	\$30.00	\$2,400.00	(\$960.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	26.00	\$42.00	\$1,092.00	\$75.00	\$1,950.00	(\$858.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	250.00	\$50.00	\$12,500.00	\$30.00	\$7,500.00	\$5,000.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,000.00	\$37.50	\$37,500.00	\$45.00	\$45,000.00	(\$7,500.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	60.00	\$300.00	\$18,000.00	\$300.00	\$18,000.00	\$0.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	7.00	\$100.00	\$700.00	\$150.00	\$1,050.00	(\$350.00)

565.733	BRIDGE APPROACH RAIL F (3-BAR) (MODIFIED)	U	1.00	\$14,580.00	\$14,580.00	\$12,000.00	\$12,000.00	\$2,580.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	5.00	\$250.00	\$1,250.00	\$300.00	\$1,500.00	(\$250.00)
565.81	REHABILITATION OF BRIDGE APPROACH RAIL	U	1.00	\$16,860.00	\$16,860.00	\$4,200.00	\$4,200.00	\$12,660.00
570.4	MORTAR RUBBLE MASONRY (F)	CY	3.00	\$1,025.00	\$3,075.00	\$800.00	\$2,400.00	\$675.00
585.3	STONE FILL, CLASS C	CY	23.00	\$100.00	\$2,300.00	\$100.00	\$2,300.00	\$0.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON- WOVEN	SY	92.00	\$5.25	\$483.00	\$4.50	\$414.00	\$69.00
603.34115	15" STEEL END SECTIONS	EA	4.00	\$525.00	\$2,100.00	\$320.00	\$1,280.00	\$820.00
603.34118	18" STEEL END SECTIONS	EA	1.00	\$400.00	\$400.00	\$350.00	\$350.00	\$50.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	180.00	\$80.00	\$14,400.00	\$75.00	\$13,500.00	\$900.00
603.60015	LAYING/RELAYING 15" DRAINAGE PIPE	LF	35.00	\$86.00	\$3,010.00	\$90.00	\$3,150.00	(\$140.00)
603.60018	LAYING/RELAYING 18" DRAINAGE PIPE	LF	20.00	\$100.00	\$2,000.00	\$105.00	\$2,100.00	(\$100.00)
604.0007	POLYETHYLENE LINER	EA	3.00	\$195.00	\$585.00	\$175.00	\$525.00	\$60.00
604.242	DROP INLETS TYPE D-B	U	3.00	\$2,050.00	\$6,150.00	\$2,000.00	\$6,000.00	\$150.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	18.00	\$95.00	\$1,710.00	\$70.00	\$1,260.00	\$450.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	18.00	\$20.00	\$360.00	\$15.00	\$270.00	\$90.00
606.01591	STEEL POSTS (NU-GUARD-31), 9'-6" WITH HARDWARE	EA	6.00	\$95.00	\$570.00	\$60.00	\$360.00	\$210.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	34.00	\$3,285.00	\$111,690.00	\$3,000.00	\$102,000.00	\$9,690.00
606.12549	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT TL 3) (STEEL POST) (POWDER COATED)	U	19.00	\$5,950.00	\$113,050.00	\$4,000.00	\$76,000.00	\$37,050.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	21.00	\$3,285.00	\$68,985.00	\$2,800.00	\$58,800.00	\$10,185.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	6.00	\$2,875.00	\$17,250.00	\$2,700.00	\$16,200.00	\$1,050.00
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	100.00	\$40.00	\$4,000.00	\$40.00	\$4,000.00	\$0.00

606.15807	BEAM GUARDRAIL, 9'-6" STEEL POSTS (NU-GUARD 31)	LF	5,050.00	\$29.00	\$146,450.00	\$25.00	\$126,250.00	\$20,200.00
606.15809	BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	275.00	\$25.00	\$6,875.00	\$23.00	\$6,325.00	\$550.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	5,675.00	\$22.00	\$124,850.00	\$22.00	\$124,850.00	\$0.00
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8' STEEL POST)	LF	775.00	\$27.50	\$21,312.50	\$25.00	\$19,375.00	\$1,937.50
606.18091	31" W-BEAM GUARDRAIL WITH /8" OFFSET BLOCK (STEEL POST) (POWDER COATED)	LF	300.00	\$45.00	\$13,500.00	\$40.00	\$12,000.00	\$1,500.00
606.84	ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS	U	1.00	\$1,850.00	\$1,850.00	\$2,000.00	\$2,000.00	(\$150.00)
606.91	RESETTING OR SETTING GUARDRAIL	LF	125.00	\$8.00	\$1,000.00	\$15.00	\$1,875.00	(\$875.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	890.00	\$20.00	\$17,800.00	\$20.00	\$17,800.00	\$0.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	18,000.00	\$1.00	\$18,000.00	\$1.00	\$18,000.00	\$0.00
618.7	FLAGGERS	HR	1,300.00	\$36.00	\$46,800.00	\$38.00	\$49,400.00	(\$2,600.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$52,000.00	\$52,000.00	\$72,000.00	\$72,000.00	(\$20,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,500.00	\$3,000.00	\$3,000.00	\$6,000.00	(\$3,000.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	(\$1,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	350.00	\$5.00	\$1,750.00	\$5.00	\$1,750.00	\$0.00
621.31	SINGLE DELINEATOR WITH POST	EA	140.00	\$50.00	\$7,000.00	\$41.00	\$5,740.00	\$1,260.00
621.32	DOUBLE DELINEATOR WITH POST	EA	55.00	\$55.00	\$3,025.00	\$46.00	\$2,530.00	\$495.00
622.1	STEEL WITNESS MARKERS	EA	8.00	\$35.00	\$280.00	\$40.00	\$320.00	(\$40.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	975.00	\$6.25	\$6,093.75	\$8.00	\$7,800.00	(\$1,706.25)
645.3	EROSION STONE	TON	75.00	\$100.00	\$7,500.00	\$75.00	\$5,625.00	\$1,875.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	6,850.00	\$4.95	\$33,907.50	\$5.00	\$34,250.00	(\$342.50)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,000.00	\$5.50	\$5,500.00	\$7.00	\$7,000.00	(\$1,500.00)
645.531	SILT FENCE	LF	1,000.00	\$2.00	\$2,000.00	\$3.50	\$3,500.00	(\$1,500.00)

646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	13,100.00	\$3.25	\$42,575.00	\$3.00	\$39,300.00	\$3,275.00
647.1	HUMUS	CY	1,550.00	\$28.00	\$43,400.00	\$30.00	\$46,500.00	(\$3,100.00)
692.	MOBILIZATION	U	1.00	\$48,000.00	\$48,000.00	\$60,000.00	\$60,000.00	(\$12,000.00)
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00	(\$1,500.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00

Total:					\$1,298,207.50		\$1,225,304.00	\$72,903.50
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