



ABC Bid Data

EASTERN TPK STATEWIDE ITS R&R
42934
NON-FEDERAL

PROJECT: EASTERN TPK STATEWIDE ITS R&R
STATE PROJECT NUMBER: 42934
FED. PROJECT NUMBER: NON-FEDERAL
DATE BIDS OPEN: February 18, 2021,
SCOPE OF WORK: Eastern TPK Statewide ITS R&R
COMPLETION DATE: May 20, 2022
LOCATION: Rockingham, Strafford

Awarded To:

Amount: \$0.00
Award Date:

Certified by: _____
Director of Project Development

Summary of Bidders

Contractor	Bid Amount	Rank
EAST COAST SIGNALS, INC. 69 NORTH ROAD, DEERFIELD NH 03037	\$709,275.70	A
NEW ENGLAND SIGNAL SYSTEMS INC 616 FIRST NH TURNPIK, NORTHWOOD NH 03261-0326	\$722,516.75	B
LIDDELL BROTHERS INC 600 INDUSTRIAL DRIVE, HALIFAX MA 02338	\$745,184.00	C



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Item No.	Description	Unit	Quantity	PS&E		EAST COAST SIGNALS, INC. 69 NORTH ROAD DEERFIELD, NH 03037		NEW ENGLAND SIGNAL SYSTEMS INC 616 FIRST NH TURNPIK NORTHWOOD, NH 03261-0326	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.7	REMOVAL OF GUARDRAIL	LF	200.00	\$3.00	\$600.00	\$2.25	\$450.00	\$5.00	\$1,000.00
202.82211	REMOVE DMS STRUCTURE	U	1.00	\$12,000.00	\$12,000.00	\$14,800.00	\$14,800.00	\$6,000.00	\$6,000.00
202.82212	REMOVE DMS STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$3,000.00	\$3,000.00
202.82213	REMOVE DMS STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$3,000.00	\$3,000.00
202.82221	REMOVE DMS BOARD	U	1.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00
202.82223	REMOVE DMS BOARD	U	1.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
202.83222	REMOVE AND SALVAGE DMS BOARD	U	1.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	1.00	\$1,500.00	\$1,500.00	\$1,850.00	\$1,850.00	\$2,500.00	\$2,500.00
203.5561	EAGRT PLATFORM PREFERRED	U	1.00	\$1,500.00	\$1,500.00	\$1,850.00	\$1,850.00	\$2,500.00	\$2,500.00
503.201	COFFERDAMS	U	1.00	\$5,000.00	\$5,000.00	\$26,250.00	\$26,250.00	\$15,000.00	\$15,000.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	1.00	\$2,500.00	\$2,500.00	\$3,600.00	\$3,600.00	\$3,250.00	\$3,250.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$800.00	\$800.00	\$1,225.00	\$1,225.00	\$1,100.00	\$1,100.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	225.00	\$15.00	\$3,375.00	\$27.75	\$6,243.75	\$27.00	\$6,075.00
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	330.00	\$10.00	\$3,300.00	\$24.00	\$7,920.00	\$30.00	\$9,900.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	27,000.00	\$1.00	\$27,000.00	\$1.00	\$27,000.00	\$1.00	\$27,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$10,000.00	\$10,000.00	\$28,000.00	\$28,000.00	\$65,000.00	\$65,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,000.00	\$4,000.00	\$3,400.00	\$6,800.00	\$8,000.00	\$16,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,000.00	\$4,000.00	\$3,400.00	\$6,800.00	\$4,000.00	\$8,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	7.00	\$10.00	\$70.00	\$5.60	\$39.20	\$10.25	\$71.75
621.31	SINGLE DELINEATOR WITH POST	EA	2.00	\$32.00	\$64.00	\$55.50	\$111.00	\$150.00	\$300.00
621.32	DOUBLE DELINEATOR WITH POST	EA	1.00	\$36.00	\$36.00	\$66.75	\$66.75	\$120.00	\$120.00
677.1201	PERMANENT FIXED LOCATION DYNAMIC MESSAGE SIGN (DMS)	U	1.00	\$70,000.00	\$70,000.00	\$66,005.00	\$66,005.00	\$75,000.00	\$75,000.00
677.1202	PERMANENT FIXED LOCATION DYNAMIC MESSAGE SIGN (DMS)	U	1.00	\$140,000.00	\$140,000.00	\$235,775.00	\$235,775.00	\$195,000.00	\$195,000.00



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Item No.	Description	Unit	Quantity	PS&E		EAST COAST SIGNALS, INC. 69 NORTH ROAD DEERFIELD, NH 03037		NEW ENGLAND SIGNAL SYSTEMS INC 616 FIRST NH TURNPIK NORTHWOOD, NH 03261-0326	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
677.1203	PERMANENT FIXED LOCATION DYNAMIC MESSAGE SIGN (DMS)	U	1.00	\$70,000.00	\$70,000.00	\$66,005.00	\$66,005.00	\$75,000.00	\$75,000.00
677.317	RELOCATE WIRELESS COMMUNICATIONS EQUIPMENT	U	1.00	\$5,000.00	\$5,000.00	\$7,700.00	\$7,700.00	\$2,500.00	\$2,500.00
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$7,500.00	\$7,500.00	\$13,400.00	\$13,400.00	\$12,500.00	\$12,500.00
677.5812	1 GBPS ETHERNET SWITCH	EA	1.00	\$3,500.00	\$3,500.00	\$3,400.00	\$3,400.00	\$6,000.00	\$6,000.00
677.67201	SOLAR POWERED SYSTEM (POLE MOUNTED)	U	1.00	\$35,000.00	\$35,000.00	\$83,550.00	\$83,550.00	\$50,000.00	\$50,000.00
677.9306	3-CONDUCTOR #6 AWG CABLE	LF	170.00	\$9.00	\$1,530.00	\$5.50	\$935.00	\$10.00	\$1,700.00
692.	MOBILIZATION	U	1.00	\$21,387.50	\$21,387.50	\$70,000.00	\$70,000.00	\$120,000.00	\$120,000.00
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
Totals:				\$462,662.50	\$709,275.70	\$709,275.70	\$709,275.70	\$722,516.75	\$722,516.75
Alt. Totals:									
Totals:				\$462,662.50	\$709,275.70	\$709,275.70	\$709,275.70	\$722,516.75	\$722,516.75



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EASTERN TPK STATEWIDE ITS R&R

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NON-FEDERAL

Item No.	Description	Unit	Quantity	PS&E		LIDDELL BROTHERS INC 600 INDUSTRIAL DRIVE HALIFAX, MA 02338		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

202.7	REMOVAL OF GUARDRAIL	LF	200.00	\$3.00	\$600.00	\$16.00	\$3,200.00		
202.82211	REMOVE DMS STRUCTURE	U	1.00	\$12,000.00	\$12,000.00	\$15,000.00	\$15,000.00		
202.82212	REMOVE DMS STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00		
202.82213	REMOVE DMS STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00		
202.82221	REMOVE DMS BOARD	U	1.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00		
202.82223	REMOVE DMS BOARD	U	1.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00		
202.83222	REMOVE AND SALVAGE DMS BOARD	U	1.00	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00		
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	1.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00		
203.5561	EAGRT PLATFORM PREFERRED	U	1.00	\$1,500.00	\$1,500.00	\$9,000.00	\$9,000.00		
503.201	COFFERDAMS	U	1.00	\$5,000.00	\$5,000.00	\$33,000.00	\$33,000.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	1.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00		
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$800.00	\$800.00	\$2,000.00	\$2,000.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	225.00	\$15.00	\$3,375.00	\$60.00	\$13,500.00		
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	330.00	\$10.00	\$3,300.00	\$65.00	\$21,450.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	27,000.00	\$1.00	\$27,000.00	\$1.00	\$27,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$10,000.00	\$10,000.00	\$60,000.00	\$60,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,000.00	\$4,000.00	\$10,000.00	\$20,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	7.00	\$10.00	\$70.00	\$12.00	\$84.00		
621.31	SINGLE DELINEATOR WITH POST	EA	2.00	\$32.00	\$64.00	\$150.00	\$300.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	1.00	\$36.00	\$36.00	\$150.00	\$150.00		
677.1201	PERMANENT FIXED LOCATION DYNAMIC MESSAGE SIGN (DMS)	U	1.00	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00		
677.1202	PERMANENT FIXED LOCATION DYNAMIC MESSAGE SIGN (DMS)	U	1.00	\$140,000.00	\$140,000.00	\$225,000.00	\$225,000.00		



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Item No.	Description	Unit	Quantity	PS&E		LIDDELL BROTHERS INC 600 INDUSTRIAL DRIVE HALIFAX, MA 02338		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
677.1203	PERMANENT FIXED LOCATION DYNAMIC MESSAGE SIGN (DMS)	U	1.00	\$70,000.00	\$70,000.00	\$74,000.00	\$74,000.00		
677.317	RELOCATE WIRELESS COMMUNICATIONS EQUIPMENT	U	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$7,500.00	\$7,500.00	\$14,000.00	\$14,000.00		
677.5812	1 GBPS ETHERNET SWITCH	EA	1.00	\$3,500.00	\$3,500.00	\$8,800.00	\$8,800.00		
677.67201	SOLAR POWERED SYSTEM (POLE MOUNTED)	U	1.00	\$35,000.00	\$35,000.00	\$75,000.00	\$75,000.00		
677.9306	3-CONDUCTOR #6 AWG CABLE	LF	170.00	\$9.00	\$1,530.00	\$10.00	\$1,700.00		
692.	MOBILIZATION	U	1.00	\$21,387.50	\$21,387.50	\$25,000.00	\$25,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	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		
Totals:				\$462,662.50	\$462,662.50	\$745,184.00	\$745,184.00		
Alt. Totals:									
Totals:				\$462,662.50	\$462,662.50	\$745,184.00	\$745,184.00		



PS&E Comparison

EASTERN TPK STATEWIDE ITS R&R

42934

NON-FEDERAL

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	200.00	\$2.25	\$450.00	\$3.00	\$600.00	(\$150.00)
202.82211	REMOVE DMS STRUCTURE	U	1.00	\$14,800.00	\$14,800.00	\$12,000.00	\$12,000.00	\$2,800.00
202.82212	REMOVE DMS STRUCTURE	U	1.00	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	(\$2,500.00)
202.82213	REMOVE DMS STRUCTURE	U	1.00	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	(\$2,500.00)
202.82221	REMOVE DMS BOARD	U	1.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$500.00
202.82223	REMOVE DMS BOARD	U	1.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$500.00
202.83222	REMOVE AND SALVAGE DMS BOARD	U	1.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$500.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	1.00	\$1,850.00	\$1,850.00	\$1,500.00	\$1,500.00	\$350.00
203.5561	EAGRT PLATFORM PREFERRED	U	1.00	\$1,850.00	\$1,850.00	\$1,500.00	\$1,500.00	\$350.00
503.201	COFFERDAMS	U	1.00	\$26,250.00	\$26,250.00	\$5,000.00	\$5,000.00	\$21,250.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	1.00	\$3,600.00	\$3,600.00	\$2,500.00	\$2,500.00	\$1,100.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$1,225.00	\$1,225.00	\$800.00	\$800.00	\$425.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	225.00	\$27.75	\$6,243.75	\$15.00	\$3,375.00	\$2,868.75
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	330.00	\$24.00	\$7,920.00	\$10.00	\$3,300.00	\$4,620.00



PS&E Comparison

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NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	27,000.00	\$1.00	\$27,000.00	\$1.00	\$27,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$28,000.00	\$28,000.00	\$10,000.00	\$10,000.00	\$18,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$3,400.00	\$6,800.00	\$2,000.00	\$4,000.00	\$2,800.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$3,400.00	\$6,800.00	\$2,000.00	\$4,000.00	\$2,800.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	7.00	\$5.60	\$39.20	\$10.00	\$70.00	(\$30.80)
621.31	SINGLE DELINEATOR WITH POST	EA	2.00	\$55.50	\$111.00	\$32.00	\$64.00	\$47.00
621.32	DOUBLE DELINEATOR WITH POST	EA	1.00	\$66.75	\$66.75	\$36.00	\$36.00	\$30.75
677.1201	PERMANENT FIXED LOCATION DYNAMIC MESSAGE SIGN (DMS)	U	1.00	\$66,005.00	\$66,005.00	\$70,000.00	\$70,000.00	(\$3,995.00)
677.1202	PERMANENT FIXED LOCATION DYNAMIC MESSAGE SIGN (DMS)	U	1.00	\$235,775.00	\$235,775.00	\$140,000.00	\$140,000.00	\$95,775.00
677.1203	PERMANENT FIXED LOCATION DYNAMIC MESSAGE SIGN (DMS)	U	1.00	\$66,005.00	\$66,005.00	\$70,000.00	\$70,000.00	(\$3,995.00)
677.317	RELOCATE WIRELESS COMMUNICATIONS EQUIPMENT	U	1.00	\$7,700.00	\$7,700.00	\$5,000.00	\$5,000.00	\$2,700.00
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$13,400.00	\$13,400.00	\$7,500.00	\$7,500.00	\$5,900.00
677.5812	1 GBPS ETHERNET SWITCH	EA	1.00	\$3,400.00	\$3,400.00	\$3,500.00	\$3,500.00	(\$100.00)
677.67201	SOLAR POWERED SYSTEM (POLE MOUNTED)	U	1.00	\$83,550.00	\$83,550.00	\$35,000.00	\$35,000.00	\$48,550.00
677.9306	3-CONDUCTOR #6 AWG CABLE	LF	170.00	\$5.50	\$935.00	\$9.00	\$1,530.00	(\$595.00)
692.	MOBILIZATION	U	1.00	\$70,000.00	\$70,000.00	\$21,387.50	\$21,387.50	\$48,612.50



PS&E Comparison

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Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
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
Total:					\$709,275.70		\$462,662.50	\$246,613.20