

**State of New Hampshire
Department of Transportation**

14633Z.01

Project: SALEM TO MANCHESTER
A004(126) 14633Z

County and Code: HILLSBOROUGH COUNTY 011 AND ROCKINGHAM 015

Date Bids Open: May 7, 2015

Scope of Work: SMART WORK ZONE INSTALLATION

Location: SALEM TO MANCHESTER

Completion Date: June 30, 2018

A WORKSAFE TRAFFIC CONTROL INDUSTRIE
115 INDUSTRIAL LANE-BERLIN, BARRE, VT 05641

\$1,620,210.75

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	6.00	\$3,500.00	\$21,000.00				
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORT. CHANGABL MESSAGE SIGN PLATFORM	U	2.00	\$3,500.00	\$7,000.00				
203.55264	INSTALLATION AND REMOVAL OF SWZ - MOBILE VIDEO TRAILER PLATFORM	U	1.00	\$3,500.00	\$3,500.00				
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$75.00	\$1,500.00				
615.02	TRAFFIC SIGN TYPE B (F)	SF	444.00	\$43.00	\$19,092.00				
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	24.00	\$150.00	\$3,600.00				
615.05	TRAFFIC SIGN TYPE BB (F)	SF	1,520.00	\$18.50	\$28,120.00				
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	16,500.00	\$1.00	\$16,500.00				
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$20,995.00	\$20,995.00				
619.502	WORK ZONE OPERATION COST (WINTER)	MON	12.00	\$3,995.00	\$47,940.00				
619.503	WORK ZONE OPERATION COST (SUMMER)	MON	30.00	\$2,395.00	\$71,850.00				
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	1,164.00	\$625.00	\$727,500.00				
619.52	PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)	MON	443.00	\$825.00	\$365,475.00				
619.549	MOBILE VIDEO TRAILER WITH PAN-TILT-ZOOM (PTZ) (SALVAGE TO DEPARTMENT)	U	2.00	\$27,995.00	\$55,990.00				
619.631	TRUCK MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	UWK	32.00	\$885.00	\$28,320.00				

Item No:	Description	Unit	Quantity	Unit Price	A Total	Unit Price	Total	Unit Price	Total
619.91	RELOCATE SMART WORK ZONE DEVICE	U	27.00	\$525.00	\$14,175.00				
645.531	SILT FENCE	LF	4,250.00	\$5.00	\$21,250.00				
677.4421	WEIGH -IN-MOTION (WIM) SYSTEM, NORTHBOUND	U	1.00	\$54,100.00	\$54,100.00				
677.4422	WEIGH-IN-MOTION (WIM) SYSTEM, SOUTHBOUND	U	1.00	\$54,100.00	\$54,100.00				
692	MOBILIZATION	U	1.00	\$24,500.00	\$24,500.00				
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00				
1008.8501	WORK ZONE SYSTEM SOFTWARE INTEGRATION	\$	23,703.75	\$1.00	\$23,703.75				
					\$1,620,210.75				

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	
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	6.00	\$3,500.00	\$21,000.00	\$3,000.00	\$18,000.00	\$3,000.00
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORT. CHANGABL MESSAGE SIGN PLATFORM	U	2.00	\$3,500.00	\$7,000.00	\$4,500.00	\$9,000.00	(\$2,000.00)
203.55264	INSTALLATION AND REMOVAL OF SWZ - MOBILE VIDEO TRAILER PLATFORM	U	1.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$500.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$75.00	\$1,500.00	\$50.00	\$1,000.00	\$500.00
615.02	TRAFFIC SIGN TYPE B (F)	SF	444.00	\$43.00	\$19,092.00	\$48.00	\$21,312.00	(\$2,220.00)
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	24.00	\$150.00	\$3,600.00	\$200.00	\$4,800.00	(\$1,200.00)
615.05	TRAFFIC SIGN TYPE BB (F)	SF	1,520.00	\$18.50	\$28,120.00	\$12.00	\$18,240.00	\$9,880.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	16,500.00	\$1.00	\$16,500.00	\$1.00	\$16,500.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$20,995.00	\$20,995.00	\$20,000.00	\$20,000.00	\$995.00
619.502	WORK ZONE OPERATION COST (WINTER)	MON	12.00	\$3,995.00	\$47,940.00	\$8,000.00	\$96,000.00	(\$48,060.00)
619.503	WORK ZONE OPERATION COST (SUMMER)	MON	30.00	\$2,395.00	\$71,850.00	\$5,500.00	\$165,000.00	(\$93,150.00)
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	1,164.00	\$625.00	\$727,500.00	\$600.00	\$698,400.00	\$29,100.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)	MON	443.00	\$825.00	\$365,475.00	\$875.00	\$387,625.00	(\$22,150.00)
619.549	MOBILE VIDEO TRAILER WITH PAN-TILT-ZOOM (PTZ) (SALVAGE TO DEPARTMENT)	U	2.00	\$27,995.00	\$55,990.00	\$30,800.00	\$61,600.00	(\$5,610.00)
619.631	TRUCK MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	UWK	32.00	\$885.00	\$28,320.00	\$1,500.00	\$48,000.00	(\$19,680.00)

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	
619.91	RELOCATE SMART WORK ZONE DEVICE	U	27.00	\$525.00	\$14,175.00	\$500.00	\$13,500.00	\$675.00
645.531	SILT FENCE	LF	4,250.00	\$5.00	\$21,250.00	\$5.00	\$21,250.00	\$0.00
677.4421	WEIGH -IN-MOTION (WIM) SYSTEM, NORTHBOUND	U	1.00	\$54,100.00	\$54,100.00	\$54,100.00	\$54,100.00	\$0.00
677.4422	WEIGH-IN-MOTION (WIM) SYSTEM, SOUTHBOUND	U	1.00	\$54,100.00	\$54,100.00	\$54,100.00	\$54,100.00	\$0.00
692	MOBILIZATION	U	1.00	\$24,500.00	\$24,500.00	\$50,000.00	\$50,000.00	(\$25,500.00)
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1008.8501	WORK ZONE SYSTEM SOFTWARE INTEGRATION	\$	23,703.75	\$1.00	\$23,703.75	\$1.00	\$23,703.75	\$0.00
					\$1,620,210.75		\$1,795,130.75	(\$174,920.00)