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THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
October 20, 2015

Her Excellency, Governor Margaret Wood Hassan
and the Honorable Council
State House
Concord, New Hampshire 03301

REQUESTED ACTION

Authorize the Department of Transportation to enter into a contract with Hi-Way Safety Systems, Inc. (Vendor 162024) of Rockland, MA on the basis of a low bid of \$436,574.92 for installation of warning and intersection signs and upgrading existing warning signs located on horizontal curves on two-lane state maintained roadways throughout District III to improve safety, from the date of Governor and Council approval through September 30, 2016 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows:	<u>FY 2016</u>	<u>FY 2017</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$100,000.00	\$336,574.92

EXPLANATION

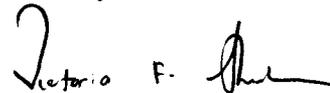
This project is part of the State's 10-Year Transportation Improvement Plan under the annual Statewide highway Safety Improvement Program (HSIP) to address safety issues on state roads. This project involves the installation and renewal of approximately 1800 sub-standard warning and intersection signs on horizontal curves as a cost effective measure to improve safety on state roads. Warning and intersection signs call attention to unexpected conditions on or adjacent to a highway or street and to situations that might not be readily apparent to road users. Warning signs alert road users to conditions that might call for a reduction speed or an action in the interest of safety and efficient traffic operations.

The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and that the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is 90% federal funds with 10% state match. Turnpike toll credit is being utilized for match requirements, effectively using 100% federal funds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Sincerely,



Victoria F. Sheehan
Commissioner

VJS/md

Department Estimate: \$543,462.40
Contract Amount: \$436,574.92
Under Estimate: \$106,887.48

Attachments

**STATEWIDE
X-A003 (697)
28136**

(Various; Horizontal Curve Signing Project
Two Lane Roads District 3)

August 18, 2015

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves installation of warning and intersection signs and upgrading existing warning signs located on horizontal curves on two-lane state maintained roadways throughout NHDOT District 3 to improve safety. The proposed improvements will consist of the removal of deficient and/or non-standard warning signs and the installation of new warning signs meeting current MUTCD and NHDOT standards.

FEDERAL FUNDING: 90% (HRRR & HSIP) with the anticipated use of Turnpike Toll Credits as the State's 10% match.

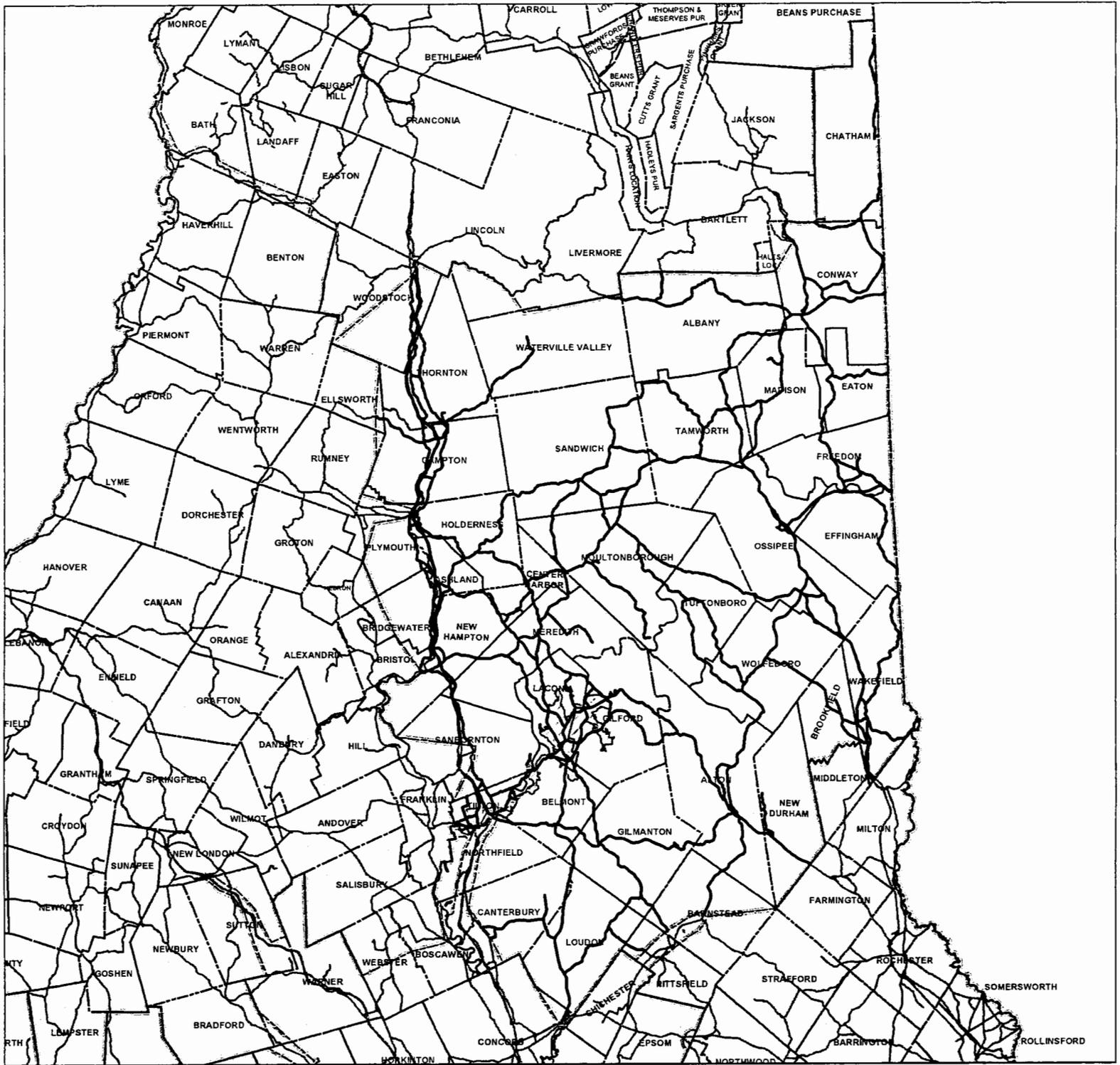
CONTINGENCY: There is no contingency proposed for this project.

PROJECT INITIATED: State's 10-Year Transportation Improvement Plan

PROJECT EXPLANATION: This project involves the installation and renewal of sub-standard warning and intersection signs on horizontal curves as a cost effective measure to improve safety on State roads. Warning and intersection signs call attention to unexpected conditions on or adjacent to a highway or street and to situations that might not be readily apparent to road users. Warning signs alert road users to conditions that might call for a reduction of speed or an action in the interest of safety and efficient traffic operations.

TRAFFIC IMPLICATIONS: In general this work will be performed as short duration or mobile operation on the shoulder or with minor encroachment.

COMPLETION DATE: September 30, 2016



Legend

-  State Roads, District 3
-  State Roads, Other Districts
-  Town Boundaries
-  District 3
-  Other Districts
-  Urban Areas, 2010

STATEWIDE 28136

New Hampshire
DOT
 Department of Transportation

**State of New Hampshire
Department of Transportation**

28136.01

Project: STATEWIDE X-A003(697) 28136
County and Code: VARIES
Date Bids Open: October 8, 2015
Scope of Work: WARNING AND INTERSECTION SIGN INSTALLATION
Location: DISTRICT III
Completion Date: September 30, 2016

A HI-WAY SAFETY SYSTEMS INC
9 ROCKVIEW WAY ROCKLAND MA 02370

\$436,574.92

B LIDDELL BROTHERS, INC.
600 INDUSTRIAL DRIVE HALIFAX, MA 02338

\$533,350.60

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
201.52	TRIMMING OF TREES	HR	200.00	\$30.00	\$6,000.00	\$25.00	\$5,000.00		
202.851	REMOVING FLASHING BEACONS	U	1.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00		
615.0301	TRAFFIC SIGN TYPE C	SF	8,212.00	\$39.00	\$320,268.00	\$52.00	\$427,024.00		
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	1,711.00	\$1.00	\$1,711.00	\$5.00	\$8,555.00		
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	65.00	\$150.00	\$9,750.00	\$95.00	\$6,175.00		
615.0601	TRAFFIC SIGN TYPE CC	SF	2,109.66	\$12.00	\$25,315.92	\$10.00	\$21,096.60		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00		
618.7	FLAGGERS	HR	3,000.00	\$0.01	\$30.00	\$1.00	\$3,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
692	MOBILIZATION	U	1.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00		
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00		
					\$436,574.92		\$533,350.60		

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	
201.52	TRIMMING OF TREES	HR	200.00	\$30.00	\$6,000.00	\$50.00	\$10,000.00	(\$4,000.00)
202.851	REMOVING FLASHING BEACONS	U	1.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$1,000.00
615.0301	TRAFFIC SIGN TYPE C	SF	8,212.00	\$39.00	\$320,268.00	\$40.00	\$328,480.00	(\$8,212.00)
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	1,711.00	\$1.00	\$1,711.00	\$10.00	\$17,110.00	(\$15,399.00)
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	65.00	\$150.00	\$9,750.00	\$113.50	\$7,377.50	\$2,372.50
615.0601	TRAFFIC SIGN TYPE CC	SF	2,109.66	\$12.00	\$25,315.92	\$15.00	\$31,644.90	(\$6,328.98)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00	\$0.00
618.7	FLAGGERS	HR	3,000.00	\$0.01	\$30.00	\$25.00	\$75,000.00	(\$74,970.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$12,750.00	\$12,750.00	(\$7,750.00)
692	MOBILIZATION	U	1.00	\$20,000.00	\$20,000.00	\$13,600.00	\$13,600.00	\$6,400.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
					\$436,574.92			(\$106,887.48)
							\$543,462.40	

