



Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.
Assistant Commissioner

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His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

Bureau of Construction
March 20, 2018

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Pike Industries, Inc. of Belmont, NH (Vendor 177300) on the basis of a low bid of \$3,878,746.85 for resurfacing of approximately 62 miles in District VI in Rockingham and Strafford Counties, from the date of Governor and Council approval through October 19, 2018 unless extended by the Department in accordance with the Standard Specifications. 100% Other Funds (86% Betterment Funds, 14% Agency Income).

Funding is available in State Fiscal Year 2018 and 2019 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:	<u>FY 2018</u>	<u>FY 2019</u>
04-96-96-963015-3039 Highway Betterment Aid		
400-500870 Highway Contract Payments	\$1,243,389.99	\$2,089,039.42

Funding is available as follows:		
04-96-96-963015-8910 SB 367 Capital Investment		
400-500870 Highway Contract Payments	\$177,755.64	\$368,561.80

2. Further authorize that a contingency in the amount of \$193,937.34 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 5% of the contract amount.

Funding is available as follows:	<u>FY 2019</u>
04-96-96-963015-3039 Highway Betterment Aid	
400-500870 Highway Contract Payments	\$166,621.47

Funding is available as follows:	
04-96-96-963015-8910 SB 367 Capital Investment	
400-500870 Highway Contract Payments	\$27,315.87

EXPLANATION

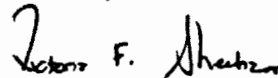
This project is included in the State's Ten Year Transportation Improvement Plan and part of the annual Maintenance District resurfacing program with additional funding for paving through SB 367 Road Toll Increase. This project involves pavement resurfacing of approximately 62 miles of state highways in the District Six region. The resurfacing will preserve and extend the life of the highway riding surface and protect the subsurface base course materials. All of the proposed work will remain within the right-of-way.

The proposed contingency amount is 5% of the contract amount (16166G is 84.5% FY 2019 Betterment, & 15.5% FY 2019 SB-367 and 40933 is 100.0% FY 2019 Betterment. This is due to the uncertainty of the costs of Asphalt Cement and Fuel. The majority of the work is paving and the price of liquid binder is expected to rise through the life of this project. The contingency will help ensure that all paving work will be completed

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 the bid reasonably conforms to the engineer's estimate in accordance with State procedures. 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.

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

VFS/md

Department Estimate: \$4,002,453.40

Contract Amount: \$3,878,746.85

Under Estimate: \$ 123,706.55

Attachments

March 20, 2018

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves resurfacing under Betterment FY 2018 & FY 2019 program and SB-367 FY 2019 program. The 16166G project consists of 24 sections totaling 62.6 miles along NH 155 (Madbury, Epping, Lee), NH 108 (Dover), Colby Rd (Danville), NH 111A (Danville, Fremont), NH 107A (East Kingston, Kingston), Great Bay/Bayside Rd (Greenland), NH 121 (Hampstead, Sandown, Plaistow), NH 121A (Hampstead, Sandown, Plaistow), North Rd (Kensington), NH 152 (Lee, Nottingham), Applebee Rd/Western Ave (Milton), Old Wakefield Rd (Milton, Rochester), Atlantic Ave (North Hampton), Hobbs Rd (North Hampton), Mill Rd (North Hampton), NH 111 (North Hampton), Kingston Rd/Elm St (Kingston, Plaistow), NH 236 (Somersworth) and NH 150 (South Hampton, Kingston). The Betterment-Drag Shim program (40936) includes 4,800 tons of paver drag shim on 10 selected roadways.

FEDERAL FUNDING: 0%

16166G (31.5% FY 2018 Betterment, 53.0% FY 2019 Betterment, 5.0% FY 2018 SB-367, and 10.5% FY 2019 SB-367).

40933 (37.3% FY 2018 Betterment, 62.7% FY 2019).

CONTINGENCY: The proposed contingency amount is 5% of the contract amount (16166G is 84.5% FY 2019 Betterment, & 15.5% FY 2019 SB-367 and 40933 is 100.0% FY 2019 Betterment. This is due to the uncertainty of the costs of Asphalt Cement and Fuel. The majority of the work is paving and the price of liquid binder is expected to rise through the life of this project. The contingency will help ensure that all paving work will be completed.

PROJECT INITIATED: State's 10-Year Transportation Improvement Program under pavement strategies: Tier 2 Resurfacing, Tier 3-4 Resurfacing, Tier 3-4 Maintenance (Drag Shim).

PROJECT EXPLANATION: These roadways are located throughout District 6 and serve various functions. These pavements are in fair to poor condition. The intent of this project is to maintain and improve the riding surface and to extend the life of the existing roadways. All of the proposed work will remain within the right-of-way.

TRAFFIC IMPLICATIONS: Minimal traffic implications are anticipated. One-lane, alternating two-way traffic returning to normal traffic patterns prior to the beginning of non-work hours will be required. No work will be permitted from May 25 to May 28, on July 4, and from August 31 to September 3, 2018. No paving work on section 18630, NH 108 (Dover) will be allowed during commuting hours (5:00 am to 9:00 am and 3:00 pm to 7:00 pm)

COMPLETION DATE: October 19, 2018



ABC Bid Data

DISTRICT 6, DISTRICT 6
16166G, 40936
NON-FEDERAL, NON-FEDERAL

PROJECT: DISTRICT 6, DISTRICT 6
STATE PROJECT NUMBER: 16166G, 40936
FED. PROJECT NUMBER: NON-FEDERAL, NON-FEDERAL
DATE BIDS OPEN: March 01, 2018, 2:00
SCOPE OF WORK: Roadway resurfacing, various locations in District 6 for CY 2018/FY 2019.
COMPLETION DATE: October 19, 2018
LOCATION:

Awarded To: PIKE INDUSTRIES, INC.
3 EASTGATE PARK ROAD
BELMONT, NH 03220

Amount: \$3,878,746.85
Award Date:

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

Summary of Bidders

Contractor	Bid Amount	Rank
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$3,878,746.85	A
CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE, LONDONDERRY NH 03053	\$3,970,036.90	B
BROX INDUSTRIES, INC. 1471 METHUEN STREET, DRACUT MA 01826	\$4,141,872.50	C

Item No.	Description	Unit	Quantity	PS&E		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03053	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
					\$4,002,453.40		\$3,978,746.85		\$3,970,036.90
Totals:					\$4,002,453.40		\$3,978,746.85		\$3,970,036.90
All Totals:					\$4,002,453.40		\$3,978,746.85		\$3,970,036.90

Item No.	Description	Unit	Quantity	PS&E		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01828	
				Unit Price	Total	Unit Price	Total

Items

203.961	CLEANING DITCHES/SWALES	SY	150.00	\$45.45	\$6,817.50	\$45.00	\$6,750.00
206.1	COMMON STRUCTURE EXCAVATION	CY	25.00	\$202.00	\$5,050.00	\$295.00	\$7,375.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	3,280.00	\$18.18	\$59,630.40	\$25.00	\$82,000.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	979.80	\$75.00	\$73,485.00	\$75.00	\$73,485.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	800.00	\$111.10	\$88,880.00	\$125.00	\$100,000.00
403.6	PAVEMENT JOINT ADHESIVE	LF	2,560.00	\$0.23	\$586.50	\$0.45	\$1,147.50
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	34,850.00	\$2.27	\$79,109.50	\$3.60	\$125,460.00
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVEMENT SHIM	TON	42,676.00	\$66.75	\$2,841,881.25	\$70.00	\$2,980,250.00
411.51	PLANT MIX SURFACE TREATMENT, PAVEMENT SPOT DRAG SHIM	TON	4,800.00	\$76.00	\$364,800.00	\$70.00	\$336,000.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	19,100.00	\$4.55	\$86,905.00	\$4.00	\$76,400.00
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	1,500.00	\$10.10	\$15,150.00	\$5.00	\$7,500.00
604.0007	POLYETHYLENE LINER	EA	12.00	\$151.50	\$1,818.00	\$105.00	\$1,260.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	12.00	\$378.75	\$4,545.00	\$300.00	\$3,600.00
608.2401	4" CONCRETE SIDEWALK	SY	185.00	\$50.50	\$9,342.50	\$50.00	\$9,250.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	27.00	\$404.00	\$10,908.00	\$425.00	\$11,475.00
609.5	RESET GRANITE CURB	LF	100.00	\$30.30	\$3,030.00	\$30.00	\$3,000.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	2.00	\$909.00	\$1,818.00	\$1,500.00	\$3,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
618.7	FLAGGERS	HR	2,050.00	\$24.24	\$49,692.00	\$26.00	\$53,300.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	6.00	\$404.00	\$2,020.00	\$300.00	\$1,500.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	325.00	\$3.03	\$984.75	\$3.00	\$975.00
632.1104	PERFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	2,500.00	\$4.00	\$10,000.00	\$0.80	\$2,000.00
632.1118	PERFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	300.00	\$16.00	\$4,800.00	\$3.15	\$945.00
692.	MOBILIZATION	U	1.00	\$101,000.00	\$101,000.00	\$75,000.00	\$75,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.15	FUEL ADJUSTMENT	\$	45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	90,200.00	\$1.00	\$90,200.00	\$1.00	\$90,200.00

Item No.	Description	Unit	Quantity	PS&E		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
Totals:					\$4,002,453.40		\$4,141,872.60		
Alt. Totals:									
Totals:					\$4,002,453.40		\$4,141,872.60		



PS&E Comparison

DISTRICT 6, DISTRICT 6
16166G, 40936
NON-FEDERAL, NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
203.961	CLEANING DITCHLINES/SWALES	SY	150.00	\$40.00	\$6,000.00	\$45.45	\$6,817.50	(\$817.50)
206.1	COMMON STRUCTURE EXCAVATION	CY	25.00	\$300.00	\$7,500.00	\$202.00	\$5,050.00	\$2,450.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	3,280.00	\$17.00	\$55,760.00	\$18.18	\$59,630.40	(\$3,870.40)
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	979.80	\$72.00	\$70,545.60	\$75.00	\$73,485.00	(\$2,939.40)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	800.00	\$95.00	\$76,000.00	\$111.10	\$88,880.00	(\$12,880.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	2,550.00	\$0.60	\$1,530.00	\$0.23	\$586.50	\$943.50
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	34,850.00	\$2.50	\$87,125.00	\$2.27	\$79,109.50	\$8,015.50
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	42,575.00	\$64.95	\$2,765,246.25	\$66.75	\$2,841,881.25	(\$76,635.00)
411.51	PLANT MIX SURFACE TREATMENT, PAVER SPOT DRAG SHIM	TON	4,800.00	\$65.00	\$312,000.00	\$76.00	\$364,800.00	(\$52,800.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	19,100.00	\$6.25	\$119,375.00	\$4.55	\$86,905.00	\$32,470.00
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	1,500.00	\$4.50	\$6,750.00	\$10.10	\$15,150.00	(\$8,400.00)
604.0007	POLYETHYLENE LINER	EA	12.00	\$180.00	\$2,160.00	\$151.50	\$1,818.00	\$342.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	12.00	\$450.00	\$5,400.00	\$378.75	\$4,545.00	\$855.00

Items

Certificate of Insurance

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON YOU THE CERTIFICATE HOLDER. THIS CERTIFICATE IS NOT AN INSURANCE POLICY AND DOES NOT AMEND, EXTEND, OR ALTER THE COVERAGE AFFORDED BY THE POLICIES LISTED BELOW. POLICY LIMITS ARE NO LESS THAN THOSE LISTED, ALTHOUGH POLICIES MAY INCLUDE ADDITIONAL SUBLIMIT/LIMITS NOT LISTED BELOW.

This is to Certify that

Pike Industries, Inc. (020-BEL)
3 Eastgate Park Road
Belmont NH 03220

NAME AND
ADDRESS
OF INSURED



Liberty Mutual.
INSURANCE

is, at the issue date of this certificate, insured by the Company under the policy(ies) listed below. The insurance afforded by the listed policy(ies) is subject to all their terms, exclusions and Conditions and is not altered by any requirement, term or condition of any contract or other document with respect to which this certificate may be issued.

TYPE OF POLICY	EXP DATE <input type="checkbox"/> CONTINUOUS <input type="checkbox"/> EXTENDED <input checked="" type="checkbox"/> POLICY TERM	POLICY NUMBER	LIMIT OF LIABILITY	
				EMPLOYERS LIABILITY
WORKERS COMPENSATION	9/1/2018	WA7-C8D-004095-027 WC7-C81-004095-017	COVERAGE AFFORDED UNDER WC LAW OF THE FOLLOWING STATES: -027: All States except OH, ND, WA, WY -017: WI, MN	Bodily Injury by Accident \$1,000,000 Each Accident Bodily Injury By Disease \$1,000,000 Policy Limit Bodily Injury By Disease \$1,000,000 Each Person
COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> OCCURRENCE <input type="checkbox"/> CLAIMS MADE	9/1/2018	TB2-C81-004095-117 -Per Project Aggregate included.	General Aggregate	\$2,000,000
			Products / Completed Operations Aggregate	\$2,000,000
			Each Occurrence	\$2,000,000
			Personal & Advertising Injury	\$2,000,000 Per Person / Organization
			Other Damage to Premises Rented to You: \$250,000	Other Medical Exp: \$50,000
AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> OWNED <input checked="" type="checkbox"/> NON-OWNED <input checked="" type="checkbox"/> HIRED	9/1/2018	AS2-C81-004095-127	\$2,000,000	Each Accident—Single Limit B.I. And P.D. Combined
				Each Person
				Each Accident or Occurrence
				Each Accident or Occurrence
OTHER Automobile policy	9/1/2017 - 9/1/2018	AS2-C81-054502-527	Physical Damage only -\$10,000 Comp DED -\$10,000 Coll DED	

RETRO DATE

ADDITIONAL COMMENTS

Re: District VI 16166G & 40936
State of New Hampshire - Department of Transportation is listed as additional insured with regards to the general liability and automobile liability policies, where required by written contract.

* If the certificate expiration date is continuous or extended term, you will be notified if coverage is terminated or reduced before the certificate expiration date.

NOTICE OF CANCELLATION: (NOT APPLICABLE UNLESS A NUMBER OF DAYS IS ENTERED BELOW.) BEFORE THE STATED EXPIRATION DATE THE COMPANY WILL NOT CANCEL OR REDUCE THE INSURANCE AFFORDED UNDER THE ABOVE POLICIES UNTIL AT LEAST **30** DAYS NOTICE OF SUCH CANCELLATION HAS BEEN MAILED TO:

District VI 16166G & 40936

**Liberty Mutual
Insurance Group**

Certificate Holder

State of New Hampshire DOT
PO Box 483
Concord NH 03302

Valerie P. Reece

Valerie Reece

AUTHORIZED REPRESENTATIVE

Fairfield / 049C
9450 Seward Road
Fairfield

OH 45014

800-332-3226

3/6/2018

OFFICE

PHONE

DATE ISSUED

This certificate is executed by LIBERTY MUTUAL INSURANCE GROUP as respects such insurance as is afforded by those Companies NM 772 07-10

**OWNERS AND CONTRACTORS PROTECTIVE
LIABILITY DECLARATIONS**



Issued by Liberty Mutual Fire Insurance Company

Policy Number TF2-681-054637-048
Renewal of New
Account Number 8-036771

Issuing Office Bala Cynwyd,
PA Issue Date 2018-02-12
Sub Account 0000

Named Insured and Mailing Address
State of New Hampshire – D.O.T
P.O. Box 483
Concord, NH 03302

Form of Business Other

Policy Period: The policy period is from 03/20/2018 to 03/20/2019 12:01 A.M. standard time at the Insured's mailing address.

Designated Contractor: Pike Industries, Inc

Mailing Address: 3 Eastgate Rd.
Belmont, NH 03220

Location of Coverage Operations: District VI Resurfacing 16166G and 40936

In return for the payment of the premium, and subject to all the terms of this policy, we agree with you to provide the insurance as stated in this policy.

LIMITS OF INSURANCE

Each Occurrence Limit \$ 2,000,000
Aggregate Limit \$ 3,000,000

SCHEDULE

The declarations are completed on the accompanying "Declarations Extension Schedule(s)".

Owners and Contractors Protective Liability Coverage Part Premium \$ 1,500
Endorsement Premium \$
Total Estimated Premium \$ 1,500
Other Charges(s) \$
Policywriting Minimum Premium \$

Forms Applicable: See Attached Inventory

Producer 0002 008060
Marsh Casualty Advisory Representative
3560 Lenox Rd., Ste 2400
Atlanta, GA 30326

Countersigned By:

Producer
Bala Cynwyd, PA 390

Authorized Representative