



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



SCM
22

Victoria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner

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

Bureau of Materials & Research
November 1, 2017

REQUESTED ACTION

Authorize the Department of Transportation to continue **SOLE SOURCE** participation in the American Association of State Highway and Transportation Officials (AASHTO) resource (formerly Materials Reference Laboratory) accreditation program, Dept. 615051, Washington, DC (Vendor 170721) in the amount of \$20,000 effective upon Governor and Council approval through September 30, 2018. 56% Federal, 34% Highway Funds, 10% Other.

Funding is available as follows:

04-96-96-962015-3034	<u>FY2018</u>
Bureau of Materials & Research	
046-500464 Consultants Fees	\$20,000.00

EXPLANATION

This item is **sole source** because the Department is an AASHTO member, and it receives benefits not available through other laboratory accreditation programs.

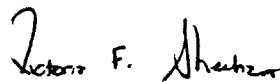
The Federal Highway Administration (FHWA) requires that State Transportation Departments have their central laboratory accredited by a laboratory accreditation program per federal regulation 23 CFR 637.209 (a)(2). The central laboratory for the NH Department of Transportation is located in the Materials & Research building at 5 Hazen Drive in Concord.

The laboratory accreditation program, administered by AASHTO resource, operates under the National Bureau of Standards. AASHTO resource is an unbiased, independent agency whose primary responsibility is the inspection of State Transportation Department and private materials laboratories that are involved in the acceptance and independent assurance testing of materials and products used on FHWA funded projects. Laboratory inspections are performed to ensure that the sampling and testing of construction materials are being performed in accordance with accepted methods and procedures. The AASHTO resource program also involves the testing of proficiency samples, sent throughout the year to participating laboratories to check the consistency of their testing results. Laboratory accreditation through this program is an essential part of the process for assuring that quality materials are used in our transportation infrastructure.

As a member state of AASHTO, it is essential that the Department support its functions. The Department derives additional benefit from participating in the AASHTO resource program because it supports the technical and administrative activities of the AASHTO Committee on Materials and Pavements (COMP), which authors the methods and standards followed by NHDOT and referenced throughout the Standard Specification for Road & Bridge Construction. Participation in the program also provides a mechanism to compare our testing performance against other State Transportation Departments.

Your approval of this resolution is respectfully requested.

Sincerely,

A handwritten signature in black ink that reads "Victoria F. Sheehan". The signature is written in a cursive style with a large initial "V".

Victoria F. Sheehan
Commissioner

VFS/crd/klm
Attachment

October 1, 2017

Ms. Victoria Sheehan
Commissioner
New Hampshire Department of Transportation
7 Hazen Drive
Concord, NH 03302-0483

Dear Ms. Sheehan:

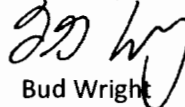
The attached invoice for \$20,000 requests your agency's sponsorship of the AASHTO re:source program (formerly the AASHTO Materials Reference Laboratory (AMRL)). This contribution supports a staff of more than 50 who are running the best laboratory evaluation programs in the world. Since 1965, AASHTO re:source has used pooled funds to provide these services for your use and benefit, resulting in a significant savings for every state department of transportation. The members of AASHTO, by using AASHTO re:source, support a set of technical services that carry the respect of the construction materials testing community and are much stronger than any comparable services that any one agency could provide on its own. The AASHTO re:source services include:

- The AASHTO Accreditation Program (AAP), the accreditation program of the members of AASHTO, the largest accreditation body serving the construction materials testing community with nearly 2,000 laboratories participating;
- The world's largest proficiency sample program for construction materials (soils, aggregates, hot mix asphalt, bituminous materials, concrete and cement), used as a tool by participating laboratories (more than 2,700 of them) to determine quality of test results by direct comparison to others performing the same tests on the same materials;
- The world's largest laboratory assessment program covering construction materials testing with over 1,700 laboratories participating;
- Technical support for the AASHTO Highway Subcommittee on Materials, with expertise to assist in the development of new AASHTO standards and the revision of existing standards.

Your agency's direct participation in these programs fulfills important FHWA requirements for your central laboratory and provides objective evidence demonstrating the continued quality and accuracy of tests performed by your agency and others who may perform construction materials testing for your agency.

If you have any questions about this invoice and the services provided, please contact the AASHTO re:source Director, Steven Lenker, at 240-436-4770.

Sincerely,



Bud Wright
AASHTO Executive Director

American Association of State Highway and Transportation Officials
444 North Capitol Street, NW, Suite 249
Washington, DC 20001

INVOICE



New Hampshire Department of Transportation
Victoria Sheehan, Commissioner
7 Hazen Drive, John O Morton Building
Concord, New Hampshire 03302-0483

Invoice #: SI017134

Customer ID: C000037

Item Description	Unit Price
AASHTO re:source Sponsorship	
AASHTO Accreditation for Central DOT laboratory	
AASHTO re:source laboratory assessments for Central DOT laboratory	
AASHTO re:source proficiency testing samples for Central DOT laboratory	
CCRL laboratory assessments for Central DOT laboratory	
CCRL proficiency testing samples for Central DOT laboratory	
Discounted laboratory assessment and accreditation services for branch and/or regional DOT laboratories. (A 10 % discount is only available to sponsor laboratories.)	
Technical and administrative support for AASHTO Accreditation Program, AASHTO re:source Laboratory Assessment Program and AASHTO re:source Proficiency Sample Programs serving more than 3,000 laboratories nationwide.	
Technical and administrative support for development of standards by the AASHTO Highway Subcommittee on Materials.	
Operation of Falling Weight Deflectometer (FWD) Calibration Center Operator Certification Program (this includes annual assessments of the calibration centers, annual load cell calibration, and technical support.)	
AASHTO Advanced Pavement Research Laboratory supports states by performing research to develop new AASHTO standards and improve existing standards.	
Total	\$20,000

Remit To:
AASHTO 1
P.O. Box 615051
Washington, DC 20061-5051