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DEC 17 2025



November 20, 2025

Her Excellency, Governor Kelly A. Ayotte
And the Honorable Council
State House
Concord, New Hampshire 03301

REQUESTED ACTION

Authorize the Department of the Business and Economic Affairs, Office of Planning and Development (OPD) to accept and expend \$54,540 from various state agencies for the purposes of maintaining and improving the existing NH GRANIT web site, archiving and distributing agency data through the NH GRANIT database and providing technical support services for the development of GIS data and applications, effective upon Governor and Council approval through June 30, 2026. 100% Inter-Agency Funds

Funds are to be budgeted in FY2026 in the following account:

03-22-22-221510-21980000, Planning Admin

Class	Description	FY26 Current Adjusted Authorized	Requested Action	FY26 Revised Authorized
000-400391-16	Federal Funds	\$ 231,072	\$ -	\$ 231,072
007-406216-68	Agency Income	\$ 36,960	\$ 54,540	\$ 91,500
	General Funds	\$ 978,522	\$ -	\$ 978,522
	TOTAL REVENUE	\$ 1,246,554	\$ 54,540	\$ 1,301,094
010-500100	Personal Services Perm	\$ 582,452	\$ -	\$ 582,452
020-500200	Current Expenses	\$ 4,000	\$ -	\$ 4,000
022-500248	Rents - Leases - Other than State	\$ 27,261	\$ -	\$ 27,261
026-500251	Organizational dues	\$ 968	\$ -	\$ 968
027-582703	Transfers to DoIT	\$ 4,741	\$ -	\$ 4,741
030-500311	Equipment - New	\$ 515	\$ -	\$ 515
039-500188	Telecommunications	\$ 452	\$ -	\$ 452
040-501587	Indirect Costs	\$ 17,000	\$ -	\$ 17,000
041-500801	Audit Fund Set Aside	\$ 175	\$ -	\$ 175
042-500620	Post Retirement Benefits	\$ 9,970	\$ -	\$ 9,970
059-500117	Temp Full Time	\$ 64,160	\$ -	\$ 64,160
060-500601	Benefits	\$ 358,755	\$ -	\$ 358,755

066-500543	Employee Training	\$ 10,000	\$ -	\$ 10,000
070-500707	Travel - in state	\$ 2,395	\$ -	\$ 2,395
073-500581	Grants Non-Federal	\$ 7,391	\$ -	\$ 7,391
080-500717	Travel - out of state	\$ 5,150	\$ -	\$ 5,150
102-500731	Contracts for Program Services	\$ 151,169	\$ 54,540	\$ 205,709
	TOTAL EXPENSES	\$ 1,246,554	\$ 54,540	\$ 1,301,094

EXPLANATION

This request seeks an increase in appropriations for the New Hampshire Geographically Referenced Analysis and Information Transfer System (NH GRANIT) agreement previously approved by the Governor and Executive Council on June 25, 2025, item #94. This adjustment is necessary due to the Department of Transportation (DOT) combining two separate contracts for services into one contract to improve efficiency.

As a result, an additional \$54,540 in appropriations is required. Originally, \$36,960 was budgeted, and the agreement was approved for \$91,500, resulting in the identified shortfall of \$54,540.

NH GRANIT is a cooperative effort designed to create, maintain, and provide access to a comprehensive statewide geographic database that supports decision-making at the state, regional, and local levels. The project is a long-standing partnership between the University of New Hampshire and the Office of Planning and Development at BEA. The system is housed at the UNH Institute for the Study of Earth, Oceans, and Space in Durham and consists of a statewide geographic database, the hardware and software required to manage and use that database, and a team of specialists in geographic information systems, image processing, and spatial analysis.

Beyond maintaining the core database, NH GRANIT provides application development, training, and technical services to GIS users across the state and region. The system supports thousands of data accesses each day from a broad range of users, including state agencies, municipalities, Regional Planning Commissions, engineering and surveying firms, environmental and land-use professionals, utilities, non-profit organizations, educators, and the general public. This collaboration is an essential resource for New Hampshire's state agencies, and the expanded work required of NH GRANIT makes the requested appropriation increase necessary.

Funds are budgeted as follows:

Class 102 – Contracts for Program Services – BEA will use these funds to fulfill the agreement with UNH for the NH GRANIT system.

Respectfully Submitted,


James Key-Wallace
Interim Commissioner

FISCAL SITUATION
FY 2026
03-22-22-221510-21980000, Planning Admin

Total MOU Receivables Authorized	\$	91,500
Less Revenue received thru 6/30/25	\$	-
Remaining Authorization to Budget	<u>\$</u>	<u>91,500</u>
Less Current FY26 Revenue Budgeted	\$	36,960
Total Available for Budgeting	<u>\$</u>	<u>54,540</u>
Available to Budget at a Later Date	\$	-
REQUESTED ACTION	<u>\$</u>	<u>54,540</u>

Governor & Council Approved Item	MOU Amount	Expenses to 6/30/25	Balance
6/25/25 Item 94	\$ 91,500	\$ -	\$ 91,500

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June 9, 2025

Her Excellency, Governor Kelly A. Ayotte
and the Honorable Executive Council
State House
Concord, New Hampshire 03301

REQUESTED ACTIONS

1. Authorize the Department of Business and Economic Affairs (BEA) to enter into a Memorandum of Agreement with the NH Department of Natural and Cultural Resources (DNCR) (Vendor #177887), Concord, NH, the NH Department of Transportation (DOT) (Vendor #177927), Concord, NH, the NH Fish and Game Department (F&G) (Vendor #177911), Concord, NH, and the NH Department of Environmental Services (DES) (Vendor #177894), Concord, NH, to provide \$183,000.00 for the purposes of maintaining and improving the existing NH GRANIT web site, archiving and distributing agency data through the NH GRANIT database and providing technical support services for the development of GIS data and applications, effective upon Governor and Council approval for the period July 1, 2025 through June 30, 2027.

Funding is anticipated to be available in the accounts listed below for Fiscal Years 2026 and 2027 contingent upon the availability and continued appropriation of funds in the future operating budget, with the authority to adjust encumbrances between fiscal years through the Budget Office, if needed and justified.

	<u>FY2026</u>	<u>FY2027</u>
<u>DNCR - Management and Protection Fund</u>		
03-35-35-351010-3505-049-584922 Transfers to Other State Agency 100%0	\$5,000	\$5,000
<u>DOT - SPR Planning Funds</u>		
04-96-96-962515-2944-046-500465 Consultants 100%F	\$65,000	\$65,000
<u>F&G - Non-Game Species Management</u>		
03-75-75-751520-2125-049-584922 Transfer to Other State Agency 65%F, 35%0	\$1,000	\$1,000
<u>F&G - Wildlife Habitat Conservation</u>		
03-75-75-751520-2155-049-584922 Transfer to Other State Agency 75%F, 25%0	\$2,000	\$2,000
<u>F&G - Game Management</u>		
03-75-75-751520-2158-049-584922 Transfer to Other State Agency 75%F, 25%0	\$2,000	\$2,000
<u>DES - Publications Revolving Funds</u>		
03-44-44-440010-1009-102-500731 Contracts for Program Services 100%0	\$16,500	\$16,500
TOTAL	\$91,500	\$91,500

Her Excellency, Governor Kelly A. Ayotte
and the Honorable Executive Council

May 30, 2025

2. Contingent upon the approval of Requested Action #1, authorize the Department of Business and Economic Affairs (BEA) to enter into a **SOLE SOURCE** agreement with the University of New Hampshire, Earth Systems Research Center (ESRC), (VC#177867), Durham, New Hampshire, in the amount of \$323,000 to continue implementation of The New Hampshire Geographically Referenced Analysis and Information Transfer System (NH GRANIT), the state's computerized geographic information system (GIS), effective upon Governor and Council approval for the period July 1, 2025 through June 30, 2027. 43% General Funds; 57% Other Funds.

Funding is anticipated to be available in account, Planning Admin, for Fiscal Years 2026 and 2027, upon the availability and continued appropriation of funds in the future operating budget, with the authority to adjust encumbrances between fiscal years through the Budget Office, if needed and justified.

	<u>FY2026</u>	<u>FY2027</u>
03-22-022-221510-21980000-102-500731 Contracts for Program Services	\$161,500	\$161,500

EXPLANATION

BEA requests to enter into a Memorandum of Agreement with DNCR, DOT, F&G, and DES. The agreement provides \$183,000 to BEA to maintain the state's GIS database. The MOA supports action #2 above, a request to enter into a **SOLE SOURCE** agreement with the University of New Hampshire Earth Systems Research Center (ESRC).

The agreement is **SOLE SOURCE** because ESRC houses the only multi-jurisdictional GIS data repository in the state, maintains extensive digital resources and data capability sufficient to manage the state's program, and serves as the state's designated link to the Federal Geographic Data Committee's network of data repositories. The state and ESRC have been collaborating for decades to build and maintain the state's GIS data. Given these unique capabilities, there are no other viable or cost-effective options to meet the GIS needs of state agencies.

Background

The NH GRANIT is a cooperative project to create, maintain, and make available a statewide geographic database serving the information needs of state, regional, and local decision-makers. This is a collaborative effort between the University of New Hampshire and the Office of Planning and Development at BEA. The core NH GRANIT System is housed at the UNH Institute for the Study of Earth, Oceans, and Space in Durham. It includes a geographic database; hardware and software to build, manage, and access the database; and a staff of experts knowledgeable in geographic information systems, image processing, and computer analysis. In addition to database development and maintenance, the NH GRANIT staff offers a range of application development, training, and technical services related to GIS users in the state and the region.

ESRC and the state have collaborated since the 1980's through NH GRANIT to create and maintain the state's GIS database. This strategy maximizes the efficiency and cost for all state agencies that utilize GIS information. Key data layers managed and utilized by state agencies include transportation and traffic data; high-resolution imagery; geology, aquifer, floodplain, and wildlife data; Natural Heritage Bureau data; parcel mosaic data; and detailed contour data.

Her Excellency, Governor Kelly A. Ayotte
and the Honorable Executive Council

May 30, 2025

GIS data is accessed thousands of times per day by a wide range of users, including state agencies, local governments, Regional Planning Commissions, engineering, forestry, real estate, surveying, and utility firms, educators, non-profit entities, and the general public. ESRC provides multiple data access mechanisms tailored to the needs of state agencies and other public and private sector users.

BEA seeks approval of the item because the NH GRANIT approach to a statewide GIS depends upon the cooperative efforts of a host of agencies, collaborating on various elements of database design and construction as well as application development. This item allows for the continued collaboration that occurs formally through the NH GIS Steering Committee, the NH GIS Advisory Committee, and the NH Technical Users Group, as well as informally through daily interactions within the community of GIS users in the state and the region.

The agreement provides financial assistance to ESRC for the continued maintenance of NH GRANIT for FY 2026 and FY 2027.

The Attorney General's Office has approved this contract agreement as to form, substance, and execution.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read 'T. Caswell', is written over a faint, light blue circular stamp or watermark.

Taylor Caswell
Commissioner

**MEMORANDUM OF AGREEMENT BETWEEN
NH DEPARTMENT OF BUSINESS AND ECONOMIC AFFAIRS,
NH DEPARTMENT OF NATURAL AND CULTURAL RESOURCES
NH DEPARTMENT OF TRANSPORTATION
NH FISH AND GAME DEPARTMENT
and
NH DEPARTMENT OF ENVIRONMENTAL SERVICES**

Subject: NH GRANIT Services to NH Department of Natural and Cultural Resources (DNCR), NH Department of Transportation (DOT), NH Department of Fish and Game (F&G) and NH Department of Environmental Services (DES).

This Agreement sets forth: 1) additional responsibilities of the NH Department of Business and Economic Affairs (BEA), to be included in BEA's ongoing contract with Earth Systems Research Center (ESRC) at the University of New Hampshire; and 2) the specific activities related to the support of the development, maintenance, and application of the GRANIT geographic information system by DNCR, DOT, F&G, and DES.

For the purposes of this Agreement, BEA, DNCR, DOT, F&G, and DES agree to cooperate as follows:

DNCR, DOT, F&G, and DES agree:

- A. to provide BEA with:
 - I. FY2026: \$5,000 each from DNCR and F&G, \$16,500 from DES, and \$65,000 from DOT
 - II. FY2027: \$5,000 each from DNCR and F&G, \$16,500 from DES, and \$65,000 from DOTfor the purposes of maintenance and support of the GRANIT project at the University of New Hampshire and the provision of mapping and training services by GRANIT staff;
- B. to assign responsible staff to participate in the project and to oversee the elements in the Work Program;
- C. to meet with BEA, as needed, to coordinate work activities; and
- D. to the termination of this Agreement by BEA, DNCR, DOT, F&G, or DES for good cause, on 15 days' notice.

The Department of Business and Economic Affairs agrees:

- A. to enter into an Agreement with the University of New Hampshire which reflects the work tasks identified in this Agreement;
- B. to assign a BEA staff person to serve as a liaison with DNCR, DOT, F&G, and DES;
- C. to meet with DNCR, DOT, F&G, and DES as needed, to coordinate work activities; and
- D. to the termination of this Agreement by DNCR, DOT, F&G, or DES for good cause, on 15 days' notice.

IN WITNESS WHEREOF, the respective parties have hereunto set their hands on the dates indicated.



Taylor Caswell, Commissioner
NH Department of Business and Economic Affairs

4/21/2025

Date



William Cass, Commissioner
NH Department of Transportation

5/15/25

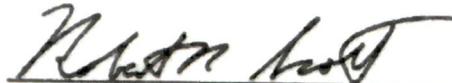
Date



Sarah Stewart, Commissioner
NH Department of Natural and Cultural Resources

4/28/25

Date



Robert Scott, Commissioner
NH Department of Environmental Services

4/25/25

Date

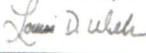


Stephanie Simek, Executive Director
NH Fish and Game Department

5/8/25

Date

OFFICE OF THE ATTORNEY GENERAL

By: Louise Williams 
Assistant Attorney General

Date: June 5, 2025

I hereby certify that the foregoing agreement was approved by the Governor and Council of the State of New Hampshire at their meeting on _____.

OFFICE OF THE SECRETARY OF STATE

By: _____

Title: _____

WORK PROGRAM

- I. **TITLE:** NH GRANIT - Geographic Information System (GIS)
- II. **STUDY AREA:** State of New Hampshire
- III. **OBJECTIVES:** To support the development, maintenance, and dissemination of the GRANIT database.
- IV. **WORK TASKS:** Acting through the Department of Business and Economic Affairs, Earth Systems Research Center will provide overall system management and support services to the designated state agencies of DNCR, DOT, F&G, and DES, including:
 - A. GRANIT Data Base Development
 - 1) Updates to the Conservation/Public Lands layer.
 - 2) Updates to the Roads Inventory layer and other DOT transportation layers.
 - 3) Updates to the DES layers.
 - B. GRANIT Applications and Coordination Activities
 - 1) Technical support for the development of GIS data and applications and supplemental work for DOT.
 - 2) Active participation in the NH GIS Committee and NH GIS Technical Advisory Committee and its working group.
 - C. GRANIT System Management and Support Services
 - 1) Maintenance of existing web sites hosted by GRANIT and building and hosting web mapping services on the GRANIT website.
 - 2) Technical assistance to the above designated state agencies.
- V. **PROJECT COSTS:** The total amount of this Agreement is \$323,000:
 - A. FY2026: \$5,000 each from DNCR and F&G, \$16,500 from DES, \$65,000 from DOT, and \$70,000 from BEA.
 - B. FY2027: \$5,000 each from DNCR and F&G, \$16,500 from DES, \$65,000 from DOT, and \$70,000 from BEA.
- VI. **DURATION:** The project duration extends from July 1, 2025 through June 30, 2027, effective upon Governor and Council approval.



**STATE OF NEW HAMPSHIRE
DEPARTMENT OF INFORMATION TECHNOLOGY**

27 Hazen Drive | Concord, NH | 03301
Fax: (603) 271-1516 | TDD: (800) 753-2964
doit.nh.gov



Denis Goulet, *Commissioner*

Taylor Caswell, Commissioner
Department of Business and Economic Affairs
State of New Hampshire
100 Main Street, Suite 100
Concord, NH 03301

Dear Commissioner Caswell:

This letter represents formal notification that the Department of Information Technology (DoIT) has approved your agency's request to enter into a CPA with the University of New Hampshire, Earth Systems Research Center (ESRC), as described below and referenced as DoIT No. 2025-094.

The purpose of this request is to continue implementation of GRANIT, the State of New Hampshire's computerized geographic information system.

The Total Price Limitation shall be \$323,000, effective upon Governor and Council approval from July 1, 2025 through June 30, 2027.

A copy of this letter must accompany the Department of Business and Economic Affairs' submission to the Governor and Executive Council for approval.

Sincerely,

A handwritten signature in black ink that reads "Denis Goulet".

Denis Goulet

DG/jd
DoIT #2025-094

cc: Rebecca Bolton, IT Manager, DoIT

COOPERATIVE PROJECT AGREEMENT

between the

STATE OF NEW HAMPSHIRE, **Department of Business and Economic Affairs**

and the

University of New Hampshire of the UNIVERSITY SYSTEM OF NEW HAMPSHIRE

- A. This Cooperative Project Agreement (hereinafter "Project Agreement") is entered into by the State of New Hampshire, **Department of Business and Economic Affairs**, (hereinafter "State"), and the University System of New Hampshire, acting through **University of New Hampshire**, (hereinafter "Campus"), for the purpose of undertaking a project of mutual interest. This Cooperative Project shall be carried out under the terms and conditions of the Master Agreement for Cooperative Projects between the State of New Hampshire and the University System of New Hampshire dated November 13, 2002, except as may be modified herein.
- B. This Project Agreement and all obligations of the parties hereunder shall become effective on the date the Governor and Executive Council of the State of New Hampshire approve this Project Agreement ("Effective date") and shall end on **6/30/27**. If the provision of services by Campus precedes the Effective date, all services performed by Campus shall be performed at the sole risk of Campus and in the event that this Project Agreement does not become effective, State shall be under no obligation to pay Campus for costs incurred or services performed; however, if this Project Agreement becomes effective, all costs incurred prior to the Effective date that would otherwise be allowable shall be paid under the terms of this Project Agreement.
- C. The work to be performed under the terms of this Project Agreement is described in the proposal identified below and attached to this document as Exhibit A, the content of which is incorporated herein as a part of this Project Agreement.

Project Title: FY26 and FY27 NH GRANIT- Geographic Information System (GIS) Project

- D. The Following Individuals are designated as Project Administrators. These Project Administrators shall be responsible for the business aspects of this Project Agreement and all invoices, payments, project amendments and related correspondence shall be directed to the individuals so designated.

State Project Administrator

Name: Heather Shank
Address: N.H. Department of Business & Economic Affairs (BEA)
100 North Main Street, Suite 100
Concord, NH 03301
Phone: 603-271-1762

Campus Project Administrator

Name: Gretchen Swain
Address: University of New Hampshire
Sponsored Programs Administration
51 College Rd
Durham, NH 03824
Phone: 603-862-4865

- E. The Following Individuals are designated as Project Directors. These Project Directors shall be responsible for the technical leadership and conduct of the project. All progress reports, completion reports and related correspondence shall be directed to the individuals so designated.

State Project Director

Name: Heather Shank
Address: N.H. Department of Business & Economic Affairs (BEA)
100 N. Main St., Suite 100
Concord, NH 03301
Phone: 603-271-1762

Campus Project Director

Name: David Justice
Address: University of New Hampshire
Earth Systems Research Center
8 College Rd, Morse Hall
Durham, NH 03824
Phone: 603-862-4698

F. Total State funds in the amount of **\$323,000** have been allotted and are available for payment of allowable costs incurred under this Project Agreement. State will not reimburse Campus for costs exceeding the amount specified in this paragraph.

Check if applicable

- Campus will cost-share _____ % of total costs during the term of this Project Agreement.
- Federal funds paid to Campus under this Project Agreement are from Grant/Contract/Cooperative Agreement No. _____ from _____ under CFDA# _____. Federal regulations required to be passed through to Campus as part of this Project Agreement, and in accordance with the Master Agreement for Cooperative Projects between the State of New Hampshire and the University System of New Hampshire dated November 13, 2002, are attached to this document as Exhibit B, the content of which is incorporated herein as a part of this Project Agreement.

G. Check if applicable

- Article(s) _____ of the Master Agreement for Cooperative Projects between the State of New Hampshire and the University System of New Hampshire dated November 13, 2002 is/are hereby amended to read:
- H. State has chosen **not to take** possession of equipment purchased under this Project Agreement.
- State has chosen **to take** possession of equipment purchased under this Project Agreement and will issue instructions for the disposition of such equipment within 90 days of the Project Agreement's end-date. Any expenses incurred by Campus in carrying out State's requested disposition will be fully reimbursed by State.

This Project Agreement and the Master Agreement constitute the entire agreement between State and Campus regarding this Cooperative Project, and supersede and replace any previously existing arrangements, oral or written; all changes herein must be made by written amendment and executed for the parties by their authorized officials.

IN WITNESS WHEREOF, the University System of New Hampshire, acting through the **University of New Hampshire** and the State of New Hampshire, **Department of Business and Economic Affairs** have executed this Project Agreement.

**By An Authorized Official of:
University of New Hampshire**

Name: Dianne Hall

Title: Manager, Pre-Award Compliance

Signature and Date:  Digitally signed by Dianne Hall
Date: 2025.04.23 16:02:52
-04'00'

**By An Authorized Official of:
Business and Economic Affairs**

Name: Taylor Caswell

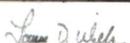
Title: Commissioner

Signature and Date:  4/29/2025

**By An Authorized Official of: the New
Hampshire Office of the Attorney General**

Name: Louise Williams

Title: Assistant Attorney General

Signature and Date:  6/9/25

**By An Authorized Official of: the New
Hampshire Governor & Executive Council**

Name:

Title:
Signature and Date:

EXHIBIT A

- A. Project Title:** FY 26 and FY 27 NH GRANIT - Geographic Information Systems (GIS) Project
- B. Project Period:** July 1, 2025 - June 30, 2027
- C. Objectives:** To support the development, maintenance, and dissemination of the GRANIT database.

D. Scope of Work: FY 26 Scope of Work
I GRANIT Data Base Development

- 1) Conservation/Public Lands: Campus Project Director will continue to collaborate with the Office of Planning and Development (OPD) State Project Director to ensure that routine updates to the Conservation Lands data layer are conducted. Tasks include identifying newly protected tracts of land, coordinating with the entities/organizations managing the lands to identify appropriate source maps and documents describing the tracts, and mapping/ automating the tracts for incorporation in the statewide data layer. Updates to the layer will be posted on a regular basis, at least annually, to the GRANIT web site for retrieval by other state agencies, regional planning agencies, and the general public. Updated data will also be incorporated in GRANITView, the web-based map viewer that is available to the public.
- 2) Roads Inventory and other Department of Transportation (DOT) Transportation Layers: Campus Project Director will enter revised and updated data from the NH DOT into the GRANIT database and into GRANITView as it is made available. This task includes providing technical assistance to NH DOT on maintaining the associated data layer documentation.
- 3) Department of Environmental Services Layers: Campus Project Director will enter revised and updated data from the NH DES into the GRANIT database and into GRANITView as it is made available. This task includes providing technical assistance to NH DES on maintaining the associated data layer documentation

II. GRANIT Applications and Coordination Activities

Campus Project Director will provide technical support to OPD and the NH GIS community in developing applications using the GRANIT database.

Campus Project Director will actively participate in the NH GIS Committee (as defined by HB377), the NH GIS Technical Advisory Committee, and the NH GIS Technical Advisory Committee working group through attendance at regularly scheduled meetings and participation in appropriate subcommittees, as assigned.

III. GRANIT System Management and Support Services

Campus Project Director will continue to provide overall system management and technical support services for GRANIT. The establishment of multiple GIS installations at the state and regional levels, including the NH DOT, NH DES, NH Fish & Game, NH OPD, NH DNCR, the regional planning commissions, and many municipalities in the state, requires the development and continual refinement of procedural specifications and system documentation.

Campus Project Director will provide support services to NH OPD and to other authorized users of the system, as mutually agreed upon by State Project Director and Campus Project Director. Services will include general maintenance of the state data base, technical assistance for system users, and supervision of the in-house data development program.

Campus Project Director will support and continue to enhance the GRANIT web site at UNH, providing access to the database over the internet for government, public, and private sector use. Particular emphasis will be placed on maintaining GRANITView, the interactive data viewer, and on building and hosting web mapping services on the NH Geodata Portal web site.

With State Project Director approval, and as funding permits, Campus Project Director will acquire computer hardware, software, supplies, and related materials that are necessary for the accomplishment of this work program and the continued development of GRANIT.

IV. Supplemental Work for NHDOT - Work will be designated by the NHDOT GIS Planning staff in the categories below.

- 1) Development and enhancements of GIS applications and web services for NHDOT.
 - a) Proposed GIS Applications development approach
 - 1) Meetings to develop project scope.
 - 2) Development and enhancements of GIS applications
 - 3) Development and support of required web services
 - 4) Conduct and facilitate user testing acceptance and pilots
 - 5) Modify and enhance applications based on user inputs.
 - b) Candidates GIS applications (Rebuilds and new applications)
 - 1) Arc Experience Builder template - NHDOT Roads & Projects Viewer
 - 2) 3-4 SADES Inventory Viewers/Dashboards
 - 3) Parcel Map application
 - 4) Misc viewers and dashboards
 - c) Web Services
 - 1) Development of back-up web service for NHDOT
- 2) Hosting, maintenance & technical support for NHDOT GIS applications hosted on the GRANIT GeoData Portal
 - a) Meeting to coordinate the hosting and update needs of applications
 - b) Provide maintenance and updates to GIS applications.
 - c) Provide hosting of GIS web map services and application
 - d) Provide customer support for GIS web map services and applications
- 3) Research new technologies and software features to improve and enhance GIS applications
 - a) Meetings to scope needed research.
 - b) Provide research and recommendations on new or advanced GIS software features to improve functionality and efficiencies of GIS applications.
- 4) Provide technical and general GIS support to NHDOT staff
 - a) Provide technical support for GIS within GRANIT's knowledge base.
 - b) Including support but not limited to
 - 1) Development of GIS applications
 - 2) Development of web services
 - 3) Meta Data
 - 4) Development of GIS system architecture
 - 5) Support Imagery webs service performance enhancements
- 5) Project administration

a) Time tracking, invoicing, and project management

FY 27 Scope of Work

I. GRANIT Data Base Development

Same as FY26.

II. GRANIT Applications and Coordination Activities

Same as FY26.

III. GRANIT System Management and Support Services

Same as FY26.

IV. GRANIT Supplemental Work for NHDOT

Same as FY26.

E. Deliverables Schedule: All materials, maps, reports, documents and other work products specified in the Project's Scope of Work for preparation and submission by Campus Project Director shall be submitted to State Project Director on or before the due dates, and in the number of copies specified by State Project Director. Quarterly progress reports documenting activities to date will be submitted to State Project Director for review and approval, as well as any draft or final copies of maps, analyses, reports and other evidence of the completion of elements of the Project's Scope of Work.

F. Budget and Invoicing Instructions: Campus will submit invoices to State on regular Campus invoice forms no more frequently than monthly and no less frequently than quarterly. Invoices will be based on actual project expenses incurred during the invoicing period, and shall show current and cumulative expenses by major cost categories as shown below. State will pay Campus within 30 days of receipt of each invoice. Campus will submit its final invoice not later than 60 days after the Project Period end date.

Budget Items	State Funding	Cost Sharing	Total
1. Salaries and Wages	\$170,168	N/A	\$170,168
2. Fringe Benefits	\$58,572	N/A	\$58,572
3. Travel	\$0	N/A	\$0
4. Equipment	\$0	N/A	\$0
5. Tuition	\$0	N/A	\$0
6. Supplies & Services	\$7,026	N/A	\$7,026
7. Facilities & Admin	\$87,234	N/A	\$87,234
Subtotals	\$323,000	N/A	\$323,000

EXHIBIT B

This Project Agreement is funded under a Grant/Contract/Cooperative Agreement to State from the Federal sponsor specified in Project Agreement article F. All applicable requirements, regulations, provisions, terms and conditions of this Federal Grant/Contract/Cooperative Agreement are hereby adopted in full force and effect to the relationship between State and Campus, except that wherever such requirements, regulations, provisions and terms and conditions differ for INSTITUTIONS OF HIGHER EDUCATION, the appropriate requirements should be substituted (e.g., OMB Circulars A-21 and A-110, rather than OMB Circulars A-87 and A-102). References to Contractor or Recipient in the Federal language will be taken to mean Campus; references to the Government or Federal Awarding Agency will be taken to mean Government/Federal Awarding Agency or State or both, as appropriate.

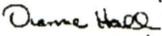
Special Federal provisions are listed here: None or **Uniform Guidance issued by the Office of Management and Budget (OMB) in lieu of Circulars listed in paragraph above.**

**University System of New Hampshire
Delegation of Signature Authority to the University of New Hampshire**

I, Catherine A. Provencher, Vice Chancellor for Financial Affairs and Treasurer of the University System of New Hampshire (USNH), acting pursuant to Policy BOT III. Administrative Policies B. Delegations of Authority, do hereby delegate to the following officer of the University of New Hampshire (UNH): Senior Grant and Contract Administrator III, Pre-Award, UNH the authority to execute on behalf of USNH (includes UNH, PSU, KSC, System Office) all agreements, contracts, and other legal documents related to the provision of research or consulting services, or other sponsored programs with any of the several agencies of the government of the State of New Hampshire provided that such authority shall be exercised in compliance with all applicable USNH policies, including those related to conflict of interest, insurance, additional pay, and competitive bidding.

The named officer may not re-delegate this authority.

I certify that Dianne Hall has been appointed to and now occupies the office of the Senior Grant and Contract Administrator IV, Pre-Award, UNH, and that her signature below is a true and accurate representation of this official signature as executed for the purposes described herein.



Dianne Hall
Manager, Pre-Award Compliance, UNH

Digitally signed by Dianne Hall
Date: 2024.03.26
09:08:04 -04'00'

This delegation shall take effect immediately and shall remain in effect until revoked.



Louise Griffin
Associate Vice President & Chief Research Administration Officer
University System of New Hampshire

Digitally signed by Louise Griffin
Date: 2024.04.02
10:45:09 -04'00'

Date:

Copy: USNH Procurement
USNH: Director, Controller and Financial Operations Center
USNH: General Counsel
KSC: Director Finance & Administration
PSU: Vice President for Finance & Administration
UNH: Office for Vice President of Finance & Administration