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State of New Hampshire

DEPARTMENT OF SAFETY
JAMES H. HAYES BLDG. 33 HAZEN DR.
CONCORD, N.H. 03305
(603) 271-2791

ROBERT L. QUINN
COMMISSIONER

RICHARD C. BAILEY, JR.
ASSISTANT COMMISSIONER

EDDIE EDWARDS
ASSISTANT COMMISSIONER

August 24, 2022

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

REQUESTED ACTION

Authorize the Department of Safety, Division of Homeland Security and Emergency Management (HSEM), to amend an existing Memorandum of Agreement (MOA) (PO# 1080238) with the Department of Environmental Services (DES) (VC# 201164-B001) to support the Flood Hazards Program by extending the completion date only from September 30, 2022 to August 31, 2023 effective upon Governor and Council approval. No additional funds. The original MOA was approved by Governor and Executive Council on June 2, 2021, Item #114. 100% Federal Funds.

EXPLANATION

This request for an extension is necessary to allow additional interns to be hired in the 2023 summer field season to allow further assessments toward project goal completion, and to support data management and culvert priority ranking by Flood Hazards Program staff. A no-cost extension is needed to allow continued support for these priority activities. It was agreed that an extension to August 31, 2023, approved by Governor and Executive Council, would provide DES ample time to complete the tasks listed in the Memorandum of Agreement (MOA). HSEM has reviewed this request with the Federal Emergency Management Agency (FEMA) and it was determined that the date extension will not affect Federal funding.

If Federal Funds are no longer available, General Funds and/or Highway Funds will not be requested to support this program.

Respectfully submitted,

Robert R. Scott
Commissioner of Environmental Services

Respectfully submitted,

Robert L. Quinn
Commissioner of Safety

Emergency Management Performance Grant (EMPG) Program – CFDA #97.042
Memorandum of Agreement Amendment (MOA)
Extension of Performance Period

NH Department of Environmental Services: Flood Hazard Program (Subrecipient)

It is hereby agreed that the Memorandum of Understanding (PO# 1080238) approved by the Governor and Executive Council on June 2, 2021, Item #114, between NH Department of Environmental Services: Flood Hazard Program as "Subrecipient" and the Department of Safety, Division of Homeland Security & Emergency Management as "State" to fund two full-time personnel and half the cost of one part-time personnel and associated benefits necessary to support the Flood Hazards Program for the identification of river-induced public safety hazards in New Hampshire. To address these initiatives, program staff will undertake several activities to include conductance of hydraulic modeling of culvert failures and analysis of the resulting impacts on critical downstream transportation and building infrastructure. Additionally, program staff will provide technical administration of the state stream crossing assessment initiative and then NH Silver Jackets interagency flood risk management team. Flood Hazards Program staff will manage stream crossing and flood hazards datasets, as relating to flood hazards, in support of DES, HSEM and other state agencies. MOA is amended as follows:

1. DURATION, Section VII, Effective Date;

   Change the project completion date from September 30, 2022 to August 31, 2023.

2. All other provisions of the grant agreement, approved by the Governor and Executive Council on June 2, 2021 shall remain in full force and effect.

EFFECTIVE DATE OF THE AMENDMENT: This Amendment shall be effective upon its approval by the Governor and Executive Council of the State of New Hampshire. If approval is withheld, this document shall become null and void, with no further obligation or recourse to either party. IN WITNESS WHEREOF, the parties have hereunto set their hands:

NH Department of Environmental Services

Robert R. Scott
Commissioner

7/19/22
Date

NH Department of Safety

Robert L. Quinn
Commissioner

7/27/22
Date

Approval by State of New Hampshire, acting through its Department of Safety:

By (signature): _____
Director of Administration

Approval by State of New Hampshire Attorney General as to form, substance, and execution:

By: _____, Assistant Attorney General, on 9/7/22.

Approval by State of New Hampshire Governor and Executive Council:

By: _____, on _____.

HSEM-EMPG-04-2021-01

State of New Hampshire

DEPARTMENT OF SAFETY
JAMES H. HAYES BLDG. 33 HAZEN DR.
CONCORD, N.H. 03305
(603) 271-2791

ROBERT L. QUINN
COMMISSIONER OF
SAFETY

G&C #114

6/2/2021

April 20, 2021

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

Requested Action

Pursuant to RSA 21-P:43, the Department of Safety, Division of Homeland Security and Emergency Management (HSEM) requests authorization to enter into a Memorandum of Agreement (MOA) with the Department of Environmental Services (DES) (VC# 201164-B001) to support the Flood Hazards Program by providing the funding for two full-time personnel and half the cost of one part-time personnel, along with their associated benefits, necessary to support the program for the identification of river-induced public safety hazards in New Hampshire for a total amount of $267,350.00. Effective upon Governor and Council approval through September 30, 2022. Funding source: 100% Federal Funds.

Funding is available in the SFY 2021 operating budget as follows:

02-23-23-236010-80920000	Dept. of Safety – Homeland Sec-Emer Mgmt – 100% EMPG Local Match	
072-588544	Grants to Other State Agencies - Federal	SFY 2021
Activity Code: 23EMPG 2020		$267,350.00

Explanation

This MOA between the Division of Homeland Security and Emergency Management (HSEM) and the Department of Environmental Services (DES) supports the Flood Hazards Program for the identification of river-induced public safety hazards. To address these initiatives under this grant, program staff will undertake several activities. These activities include conductance of hydraulic modeling of culvert failures and analysis of the resulting impacts on critical downstream transportation and building infrastructure. Additionally, program staff will provide technical administration of the state stream crossing assessment initiative, and the New Hampshire Silver Jackets interagency flood risk management team. Flood Hazards Program staff will manage stream crossing and flood hazards datasets, as relating to flood hazards, in support of DES, HSEM, and other state agencies.

The MOA listed above is funded from the FFY 2020 Emergency Management Performance Grant (EMPG), which was awarded to the Department of Safety, Division of Homeland Security and Emergency Management (HSEM) from the Federal Emergency Management Agency (FEMA). The grant funds are to be used to measurably improve all-hazard planning and preparedness capabilities/activities, to include mitigation, preparedness, response, and recovery initiatives at the state and local level. Grant guidance and applications are available to all Emergency Management Directors and other qualified organizations in the State. Subrecipients submit applications to this office, which are reviewed by the HSEM Planning Chief, Assistant Planning Chief and Field Representatives and approved by the HSEM Director.. The criteria for approval are based on grant eligibility in accordance with the grant's current guidance and the documented needs of the local jurisdictions.

EMPG is 50% federally funded by FEMA with a 50% match requirement supplied by the subrecipient. The subrecipient acknowledges their match obligation as part of Part V of the Memorandum of Agreement.

In the event that Federal Funds are no longer available, General Funds and/or Highway Funds will not be requested to support this program.

Respectfully submitted,

Robert L. Quinn
Commissioner of Safety

Respectfully submitted,

Robert R. Scott
Commissioner of Environmental Services

MEMORANDUM OF AGREEMENT (MOA)
BETWEEN
THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES
AND
THE NEW HAMPSHIRE DEPARTMENT OF SAFETY

FFY'20 Emergency Management Performance Grant (EMPG) Program

CFDA #97.042

Flood Hazards Program

I. PURPOSE

The purpose of this Memorandum of Agreement (MOA) is to provide funding in the amount of $267,350.00 to the Flood Hazards Program, which includes two full-time and half of one part-time personnel and associated benefits necessary to support the program of providing statewide expertise and Earth system science data, including geologic, groundwater hydrology and earth science to continue the contribution of understanding flooding hazards, while enhancing state agency and community benefits, through integration of these efforts. Additionally, the Flood Hazards Program provides administration of the NH Silver Jackets.

II. PARTIES

The parties to this agreement are New Hampshire Department of Environmental Services (hereinafter DES) and the New Hampshire Department of Safety, Division of Homeland Security and Emergency Management (hereinafter HSEM).

III. AUTHORITY

The Emergency Management Performance Grant (EMPG), awarded by HSEM, supports activities associated with all-hazards planning and preparedness capabilities and activities, to include mitigation, preparedness, response, and recovery initiatives. This EMPG Program supports the personnel and data management necessary to assist communities and state agencies relative to site-specific issues throughout the state.

IV. SCOPE OF WORK

Addressing the concerns caused by flooding upon the communities and citizens of New Hampshire remains a state priority. Support to state agencies and local communities to address these concerns requires scientific and subject matter expertise in both the water and geologic resources of New Hampshire. To continue to address these initiatives under this grant, existing flood hazards program staff will undertake several activities, while increasing public benefits through greater integration and support with the geologic, groundwater and earth science expertise of other staff possessing such expertise within the New Hampshire Geological Survey (NHGS) at DES.

First, the Flood Hazards Program will contribute to, in collaboration with other DES units and state agencies, the New Hampshire Stream Crossing Steering Team. Staff will maintain stream crossing data, critical to support communities in the funding of aging and undersized culvert replacements. Staff will collaboratively conduct annual training of stream crossing data collectors, and provide

quality control of all collected data. Culverts will be evaluated for hydraulic vulnerability, with data subsequently being made publicly available. Summer interns will be available to collect stream crossing data where and as needed.

Second, program staff will administer the statewide Flood Hazards Geodatabase, including inputting and updating data after flood events, so that the geodatabase may serve as a long-term record of statewide flood events to support mitigation planning and funding, in collaboration with NH HSEM personnel.

Third, program staff will enhance and continue refinement of the National Hydrography Dataset (NHD), a key input to flood and stream crossing hazards modeling efforts, through linking stream crossing data to the network as events, and refinement of existing stream network flow paths to maximize stream network and attendant modeling accuracy.

Fourth, the Flood Hazards Program will administer the multi-agency New Hampshire Silver Jackets team, and work among team members on projects that will assist communities and state agencies with addressing local and regional flood concerns.

Fifth, the Flood Hazards Program in recent years has discussed the need for increased measurements of water levels on the state's rivers and streams to support flood risk management and other concerns. In discussions with personnel involved in flood risk at the state and federal level, installation of staff gauges at strategic locations across the state has been identified as a means to enhance flood risk management activities. Efforts are underway to investigate the feasibility of installation of such gauges, and the feasibility of engaging with local town officials and citizens to assist in the establishment of a long-term effort to monitor and report staff gauge data. To support these efforts, funds have been budgeted in this proposal to enable procurement of staff gauges, as necessary, to support their installation for identified locations, based on collaborative efforts with multiple agencies and partners. These efforts will also explore the feasibility of installing an automated camera to record data at a stream gauge. Funds have been budgeted in this proposal to support such a purchase if deemed appropriate for a site by multi-agency technical partners. If deemed necessary, the Flood Hazard Program will follow all Federal requirements regarding placement of the staff gauges when these parameters are established.

Sixth, Flood Hazards Program staff will collaborate with other NHGS technical staff to prepare and enhance geoscience-based datasets that can directly fulfill requirements of future watershed- or river-reach based hydraulic and hydrologic modeling. These enhancements include, but are not limited to: hydroenforcement of new digital elevation models which take advantage of recently completed statewide LiDAR; water well inventory and GEOLOGs databases to support accurate depth to projected groundwater table; groundwater level monitoring network; depth to bedrock; surficial geologic mapping and data; and, investigating locations of stream channel cross-sections for linking to stream crossing and NHD datasets. Staff will support any integration and notification of availability of completed datasets with stakeholders statewide, and assist with exploration and execution of integration of these datasets with New Hampshire's hazards-based initiatives as necessary.

Seventh, Flood Hazards Program staff will generate post-event technical summaries relative to floods, ice jams and landslides after major events occur, in collaboration with state and federal agencies, using an approved protocol.

Eighth, program staff will assess river, flood and earth-surface processes, and the potential implications of those processes on infrastructure and property, to inform and support local communities, as requested.

Additionally, program staff will provide technical assistance to state agencies in conducting infrastructure and vulnerability assessments, and technical review and comment of draft flood-related reports and documents generated by state agency programs when requested.

V. Funding

HSEM agrees to provide financial assistance from the FFY 2020 EMPG Program in the amount of $267,350.00 to DES in support of the tasks listed above, in accordance with Section IV. The financial assistance to be provided by HSEM under this MOA requires that DES provide a 50% matching contribution of the total project amount. The match requirement of $267,350.00 will be met by DES through the DES Dam Bureau and New Hampshire Geological Survey personnel to include, the Chief Water Resources Engineer, Assistant Chief Water Resources Engineer and Hydrogeologist.

DES shall maintain financial records, supporting documents, and all other pertinent records for a period of three (3) years. In these records, DES shall maintain documentation of the 50% cost match required by this grant and agreed upon by DES.

Payments shall be made by HSEM to DES quarterly through submittal of invoices for services rendered. DES agrees to document $267,350.00 in matching expenditures.

VI. TERMINATION

Either party may terminate this agreement by providing notice to the other thirty (30) days prior to termination.

VII. DURATION

Upon Governor and Council approval, this agreement shall continue in effect until September 30, 2022, unless terminated earlier by either party.

VII. AGREEMENT

In WITNESS THEREOF, the parties hereto have executed this agreement, which shall become effective on the date the Governor and Executive Council of the State of New Hampshire approve the agreement.

NH Department of Environmental Services

Robert R. Scott
Commissioner

Date

NH Department of Safety

Robert L. Quinn
Commissioner

5/6/21
Date

NH Department of Safety, HSEM

Jennifer L. Harper, Director

4/28/2021

Date

Approved by the Attorney General this 17th day of May, 2020, as to form, execution and substance.

OFFICE OF THE ATTORNEY GENERAL

Award Letter

U.S. Department of Homeland Security
Washington, D.C. 20472

Jennifer Harper
NH Dept. of Safety, Div. of Homeland Security & Emergency Management
33 Hazen Drive
Concord, NH 03305 - 0011

Re: Grant No.EMB-2020-EP-00005

Dear Jennifer Harper:

Congratulations, on behalf of the Department of Homeland Security, your application for financial assistance submitted under the Fiscal Year (FY) 2020 Emergency Management Performance Grants has been approved in the amount of $3,535,345.00. As a condition of this award, you are required to contribute a cost match in the amount of $3,535,345.00 of non-Federal funds, or 50.00 percent of the total approved project costs of $7,070,690.00.

Before you request and receive any of the Federal funds awarded to you, you must establish acceptance of the award. By accepting this award, you acknowledge that the terms of the following documents are incorporated into the terms of your award:

- Agreement Articles (attached to this Award Letter)
- Obligating Document (attached to this Award Letter)
- FY 2020 Emergency Management Performance Grants Notice of Funding Opportunity.
- FEMA Preparedness Grants Manual

Please make sure you read, understand, and maintain a copy of these documents in your official file for this award.

In order to establish acceptance of the award and its terms, please follow these instructions:

Step 1: Please log in to the ND Grants system at https://portal.fema.gov.

Step 2: After logging in, you will see the Home page with a Pending Tasks menu. Click on the Pending Tasks menu, select the Application sub-menu, and then click the link for "Award Offer Review" tasks. This link will navigate you to Award Packages that are pending review.

Step 3: Click the Review Award Package icon (wrench) to review the Award Package and accept or decline the award. Please save or print the Award Package for your records.

System for Award Management (SAM): Grant recipients are to keep all of their information up to date in SAM, in particular, your organization's name, address, DUNS number, EIN and banking information. Please ensure that the DUNS number used in SAM is the same one used to apply for all FEMA awards. Future payments will be contingent on the information provided in the SAM; therefore, it is imperative that the information is correct. The System for Award Management is located at http://www.sam.gov.

If you have any questions or have updated your information in SAM, please let your Grants Management Specialist (GMS) know as soon as possible. This will help us to make the necessary updates and avoid any interruptions in the payment process.

PAUL FRANCIS FORD Regional Administrator