

Analysis

Department of Geology and Mineral Industries

National Tsunami Hazard Mitigation Program

Analyst: John Terpening

Request: Approve the submission of a federal grant application by the Department of Geology and Mineral Industries (DOGAMI) to the National Oceanic and Atmospheric Administration, in the amount of \$473,977 for the National Tsunami Hazard Mitigation Program.

Analysis: The National Tsunami Hazard Mitigation Program administered by (NOAA) provides support for maintenance of coastal outreach projects including the Oregon tsunami clearinghouse, 'Tsunami Safe' project within the hospitality industry, 'Beat the Wave' tsunami evacuation modeling, and local community-wide evacuation drills and documents. The Department will work in partnership with the Office of Emergency Management, within the Oregon Military Department, to provide leadership and strategic support for maintaining local outreach programs and providing a central repository for tsunami mitigation information.

The final grant proposals are by the end of May and the grant is expected to be awarded by September. This is an annual grant offered by NOAA that the Department has successfully applied for since 2002. The grant does not require a state match and no additional federal funds expenditure limitation or positions are needed to do this work.

Legislative Fiscal Office Recommendation: Approve the request.

Department of Geology and Mineral Industries Klein

Request: Authorization to apply for a grant of \$473,977 for tsunami focused projects from the National Tsunami Hazard Mitigation Program of the National Oceanic and Atmospheric Administration National Weather Service.

Recommendation: Approve the request.

Discussion: The Department of Geology and Mineral Industries (DOGAMI) has requested authorization to apply for a \$473,977 grant from the National Tsunami Hazard Mitigation Program of the National Oceanic and Atmospheric Administration (NOAA) National Weather Service. The grant work will focus on new and continuing education and outreach efforts to coastal communities regarding tsunami risks and safety measures, perform exposure/risk analysis for high-risk communities in Curry County, and provide maritime modeling for Brookings. The Department has been receiving this competitive grant award from NOAA since 2002.

The grant opportunities do not require any matching funds from DOGAMI. The Department's funding model relies on funding opportunities like this to be able to provide critical information and outreach efforts regarding tsunamis to Oregon's coastal communities. At this time, the Department anticipates having adequate Federal Funds expenditure limitation during the 2021-23 biennium if these grants are awarded, but may request additional limitation at a later time, if needed.



Oregon

Kate Brown, Governor

Department of Geology and Mineral Industries

Administrative Offices
800 NE Oregon St., Suite 965
Portland, OR 97232-2162
(971) 673-1555
Fax: (971) 673-1562
www.oregongeology.org

May 11, 2021

The Honorable Senator Betsy Johnson
The Honorable Senator Elizabeth Steiner Hayward
The Honorable Representative Dan Rayfield
Joint Committee on Ways and Means
900 Court Street NE, H-178 State Capitol
Salem, OR 97301

Dear Co-Chairs:

Nature of the Request

The purpose of this letter is to request legislative approval regarding a federal grant application. The Department of Geology and Mineral Industries (DOGAMI) proposes to apply for a grant with the National Tsunami Hazard Mitigation Program (NTHMP) of the National Oceanic and Atmospheric Administration (NOAA) National Weather Service (NWS) for \$473,977. DOGAMI has been awarded this competitive grant since 2002. The grant application is due late May 2021 (date yet to be determined by NOAA). If successful, DOGAMI will be awarded grant funding from NOAA before September 2021.

The proposed grant would fund work in the following areas:

- Complete 'Beat the Wave' tsunami evacuation analyses at Bandon, Coos County
- Implement routable road network analysis for select communities with completed evacuation modeling
- Perform exposure/risk analyses using HAZUS for high-risk communities in Curry County on the southern Oregon coast
- Undertake maritime modeling for the community of Brookings, incorporating dynamic river tides
- Continuation of 'Tsunami Safe' within the hospitality industry, with DOGAMI staff collaborating with Oregon Emergency Management (OEM) to boost tsunami hazard awareness in the industry
- Complete additional high resolution 'neighborhood' tsunami brochures
- Support maintenance of the Oregon tsunami clearinghouse
- Provide support for undertaking tsunami drill exercises
- Host a series of Tsunami debris training workshops

This grant opportunity supports DOGAMI's mission and goals to provide earth science information to make Oregon safe and prosperous. This grant does not have a match requirement.

Co-Chairpersons

May 11, 2012

Page 2

Agency Action

Under DOGAMI's funding model it is essential that the Agency pursue relevant federal grant funding opportunities as they become available to satisfy biennial budget projections. Grant work will be done by existing DOGAMI staff. A limited number of tasks related to outreach will be conducted in partnership with Oregon Emergency Management to provide leadership and strategic support for building resilient coastal communities on the Oregon coast.

Action Requested

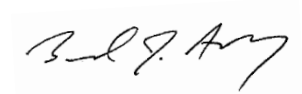
The Department is requesting approval to apply to NOAA for the above NTHMP grant. If this grant is awarded, the Agency may need additional Federal Fund limitation, which will be requested at a later time.

Legislation Affected

Legislation affected by this grant proposal is HB 5010 (2021) if additional Federal Fund limitation is necessary.

Thank you for your consideration of this request. If you have any questions, please contact me at 971-673-1550.

Sincerely,



Brad J. Avy
Director

cc: Laurie Byerly, Interim Legislative Fiscal Officer
George Naughton, Chief Financial Officer
Amira Streeter, Governor's Office
John Terpening, Legislative Fiscal Office
Renee Klein, Chief Financial Office