

Analysis

Department of Geology and Mineral Industries

Cooperating Technical Partners Program

Analyst: John Terpening

Request: Approve the submission of a federal grant application by the Department of Geology and Mineral Industries (DOGAMI) to the Federal Emergency Management Agency (FEMA), in the amount of \$2,213,587, for the Cooperating Technical Partners (CTP) program.

Analysis: The Department requests approval to apply for a federal grant from FEMA to support activities including LIDAR acquisition, geohazard mapping, natural hazard risk assessment, and outreach activities. This is an annual grant offered by FEMA and DOGAMI has been awarded this competitive grant since 2008. The grant does not have a match requirement.

The Department has identified the following allocation of grant funds:

- \$1,195,587 will be used for LIDAR acquisition covering 2,412 square miles in Baker County and also areas impacted by the Eagle Creek Wildfire in Multnomah and Hood River counties.
- \$958,000 for geohazard mapping for areas impacted by the 2020 wildfires within Multnomah, Hood River, Marion, Linn, Douglas, and Lane counties; natural hazard risk assessments in Benton, Marion, and Morrow counties; and channel migration hazard mapping in Umatilla County.
- \$60,000 for outreach related to FEMA's Risk MAP program, where DOGAMI provides technical assistance to local governments who seek to implement actions that reduce risk of geohazards.

The grant proposals are due July 1 and awards are anticipated to be announced by October. The Department does not anticipate needing any additional Federal Funds limitation if the grant is awarded.

Legislative Fiscal Office Recommendation: Approve the request.

Department of Geology and Mineral Industries Klein

Request: Authorization to apply for three grants totaling \$2,213,587 to fund lidar data collection, geological hazard mapping and natural hazard risk assessments from the Federal Emergency Management Agency under the Cooperating Technical Partnership RiskMAP program.

Recommendation: Approve the request.

Discussion: The Department of Geology and Mineral Industries (DOGAMI) has requested authorization to apply for three grants from the Federal Emergency Management Agency Cooperating Technical Partnership RiskMAP program. The projects include the following:

- Lidar data collection for:
 - Baker County (2,412 square miles);
 - Areas impacted by the Eagle Creek Fire in Multnomah and Hood River Counties (101 square miles).
- Funding for geological hazard and risk assessment outreach, including technical assistance to Oregon's local communities.
- Funding for geological hazard mapping and natural hazard risk assessments focused on:
 - Post-wildfire debris mapping for areas impacted by recent wildfires in Multnomah, Hood River, Marion, Linn Douglas, and Lane Counties;
 - Channel migration zone mapping in Umatilla County;
 - Hazard risk assessments in Benton, Marion, and Morrow Counties.

These 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 geologic and hazard information to local communities and decision makers. At this time, the Department anticipates having adequate Federal Funds expenditure limitation during the 2021-23 biennium, if these grants are awarded.



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-Chairpersons:

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 federal grant with the Federal Emergency Management Agency (FEMA) requesting up to a total of \$1,195,587 under the Cooperating Technical Partnership (CTP) RiskMAP program. Funding would support lidar data collection. The grant application is due July 1, 2021. If successful, DOGAMI will be awarded grant funding from FEMA before October 2021.

The proposed grant would fund Lidar collection, processing and publication of high quality lidar data in:

- Baker County (up to 2,412 square miles)
- Area impacted by Eagle Creek Wildfire in Multnomah County and Hood River County (101 square miles)

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.

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.

Action Requested

The Department is requesting approval to apply to FEMA for the above 2021 CTP grant. If this grant is awarded, the Agency may need additional Federal Fund limitation, which will be requested at a later time.

Co-Chairpersons

May 11, 2021

Page 2

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,

A handwritten signature in black ink, appearing to read "Brad J. Avy", is centered below the word "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



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-Chairpersons:

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 federal grant with the Federal Emergency Management Agency (FEMA) requesting up to a total of \$60,000 under the Cooperating Technical Partnership (CTP) RiskMAP program. The grant application is due July 1, 2021. If successful, DOGAMI will be awarded grant funding from FEMA before October 2021.

The proposed grant would fund geological hazard and risk assessment outreach and technical assistance to Oregon's local communities and the creation of outreach tools, such as Story Maps.

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.

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.

Action Requested

The Department is requesting approval to apply to FEMA for the above 2021 CTP grant. If this grant is awarded, the Agency may need additional Federal Fund limitation, which will be requested at a later time.

Co-Chairpersons

May 11, 2021

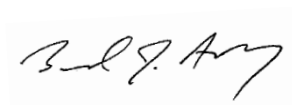
Page 2

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,

A handwritten signature in black ink, appearing to read "Brad J. Avy", is centered on the page.

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



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-Chairpersons:

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 federal grant with the Federal Emergency Management Agency (FEMA) requesting up to a total of \$958,000 under the Cooperating Technical Partnership (CTP) RiskMAP program. Funding would support geological hazard mapping and natural hazard risk assessments. The grant application is due July 1, 2021. If successful, DOGAMI will be awarded grant funding from FEMA before October 2021.

The proposed grant would fund work in the following areas:

- Post-wildfire debris flow mapping and risk reduction in areas impacted by the Holiday Farm, Beachie-Lionshead, Eagle Creek, and Archie wildfires within Multnomah, Hood River, Marion, Linn, Douglas, and Lane Counties
- Channel migration zone mapping in Umatilla County
- Natural hazard risk assessments in Benton County, Marion County, and Morrow County

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.

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.

Action Requested

The Department is requesting approval to apply to FEMA for the above 2021 CTP grant. If this grant is awarded, the Agency may need additional Federal Fund limitation, which will be requested at a later time.

Co-Chairpersons

May 11, 2021

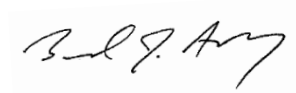
Page 2

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,

A handwritten signature in black ink, appearing to read "Brad J. Avy", is written over a light gray rectangular background.

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