

Application for Federal Assistance SF-424

* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	* If Revision, select appropriate letter(s): <input type="text"/> * Other (Specify): <input type="text"/>
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* 3. Date Received: <input type="text" value="Completed by Grants.gov upon submission."/>	4. Applicant Identifier: <input type="text" value="UHLDH4KZEV65"/>
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5a. Federal Entity Identifier: <input type="text"/>	5b. Federal Award Identifier: <input type="text"/>
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State Use Only:

6. Date Received by State: <input type="text"/>	7. State Application Identifier: <input type="text"/>
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8. APPLICANT INFORMATION:

* a. Legal Name: <input type="text" value="Girdwood Inc"/>	
* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text" value="77-0631498"/>	* c. UEI: <input type="text" value="UHLDH4KZEV65"/>

d. Address:

* Street1: <input type="text" value="P.O. Box 1102"/>
Street2: <input type="text"/>
* City: <input type="text" value="Girdwood"/>
County/Parish: <input type="text"/>
* State: <input type="text" value="AK: Alaska"/>
Province: <input type="text"/>
* Country: <input type="text" value="USA: UNITED STATES"/>
* Zip / Postal Code: <input type="text" value="99587-1102"/>

e. Organizational Unit:

Department Name: <input type="text" value="Girdwood Inc"/>	Division Name: <input type="text"/>
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f. Name and contact information of person to be contacted on matters involving this application:

Prefix: <input type="text"/>	* First Name: <input type="text" value="Dale"/>
Middle Name: <input type="text"/>	
* Last Name: <input type="text" value="Goodwin"/>	
Suffix: <input type="text"/>	
Title: <input type="text" value="President"/>	
Organizational Affiliation: <input type="text" value="Girdwood Inc"/>	
* Telephone Number: <input type="text" value="907-229-8286"/>	Fax Number: <input type="text"/>
* Email: <input type="text" value="goodwin256@gmail.com"/>	

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.616

CFDA Title:

Environmental and Climate Justice Block Grant Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-04

* Title:

Environmental and Climate Justice Community Change Grants Program

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Glacier Valley Watershed Resilience Project

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="1,893,925.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="1,893,925.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

Yes No

If "Yes", provide explanation and attach

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:
Middle Name:
* Last Name:
Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative: * Date Signed:

The following attachment is not included in the view since it is not a read-only PDF file.

Upon submission, this file will be transmitted to the Grantor without any data loss.

GVWRP_Map1_Girdwood (1).png



Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name:

Address:

City:

State: Zip Code:

B. Unique Entity Identifier (UEI):

C. Applicant/Recipient Point of Contact

Name:

Phone:

Email:

Title:

II. Is the applicant currently receiving EPA Assistance? Yes No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

Yes No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

Yes No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

- VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R. 5.140 and 7.95) Yes No
- a. Do the methods of notice accommodate those with impaired vision or hearing? Yes No
- b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? Yes No
- c. Does the notice identify a designated civil rights coordinator? Yes No
- VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) Yes No
- IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) Yes No
- X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Not applicable

- XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/recipient's website address for, or a copy of, the procedures.

Not applicable

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official

B. Title of Authorized Official

C. Date

Completed by Grants.gov upon submission.

Treasurer

Completed by Grants.gov upon submission.

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.

A. *Signature of Authorized EPA Official

B. Title of Authorized Official

C. Date

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations. Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

Project Narrative File(s)

* Mandatory Project Narrative File Filename:

Track 2 CCG Application Narrative 11212024 Final (1).p

Add Mandatory Project Narrative File

Delete Mandatory Project Narrative File

View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File

Delete Optional Project Narrative File

View Optional Project Narrative File

Section A. Executive Summary

Title: Glacier Valley Watershed Resilience Project

Lead Applicant: Girdwood Inc.

Statutory Partner to the Lead Applicant: Girdwood Valley Service Area (GVSA), in the Municipality of Anchorage (MOA)

Lead Applicant Contact Information:

Dale Goodwin, Girdwood Inc. President goodwin256@gmail.com, (907) 229-8286

Statutory Partner: Girdwood Valley Service Area

Brett Wilbanks, co-chair of Girdwood Housing & Economic Committee, Girdwood Valley Service Area (GVSA), B4Girdwood@gmail.com, (907) 529-2993

Key Personnel:

Kyle Kelley, MOA, GVSA Manager, kyle.kelley@anchorageak.gov, (907) 343-8374

Matt Schechter, Girdwood Inc. Treasurer, matthew.d.schechter@gmail.com, (312) 823-6518

Russ Lawrence, Geomorphologist, russ@streamfix.com, (503) 781-8390

Dr. Barry Southerland, Geomorphologist, rivergriz@gmail.com, (360) 624-8390

Applicant Eligibility:

The Lead Applicant is Girdwood Inc., a locally established 501c3 that has been operating in the Girdwood Valley for over 2 decades and completing popular and successful community projects including the Alyeska Roundhouse Museum, Girdwood Library and Community Center, and a new childcare facility for the locally operated non-profit, Little Bears Playhouse. Girdwood Inc is recognized as a CBO.

The Statutory Partner is the Girdwood Valley Service Area (GVSA), a designated service area within the Municipality of Anchorage (MOA), established to address the specific needs of the Girdwood community. GVSA operates under the oversight of the Girdwood Board of Supervisors (GBOS), which functions as the governing board for the service area, and is advised by the Girdwood Housing & Economic Committee (GHEC). Neither GBOS nor GHEC possess legislative authority; instead, they act in advisory and administrative capacities in coordination with the Anchorage municipal government. While GVSA is the Statutory Partner for this project, it is composed of two bodies, GBOS oversight and GHEC service area committee work, to ensure the project's alignment with community priorities within the service area. As defined by the regulations in 2 CFR 200.1, units of government, like GVSA, within a state are eligible to enter a Statutory Partnership with a CBO. GVSA, as a recognized entity within the Municipality of Anchorage (MOA), meets the eligibility requirements outlined in Section III.A of the NOFO.

Disadvantaged Community to benefit from the projects: The disadvantaged community that will benefit from this project is Girdwood, Alaska. (Please refer to Executive Summary Pg 2)

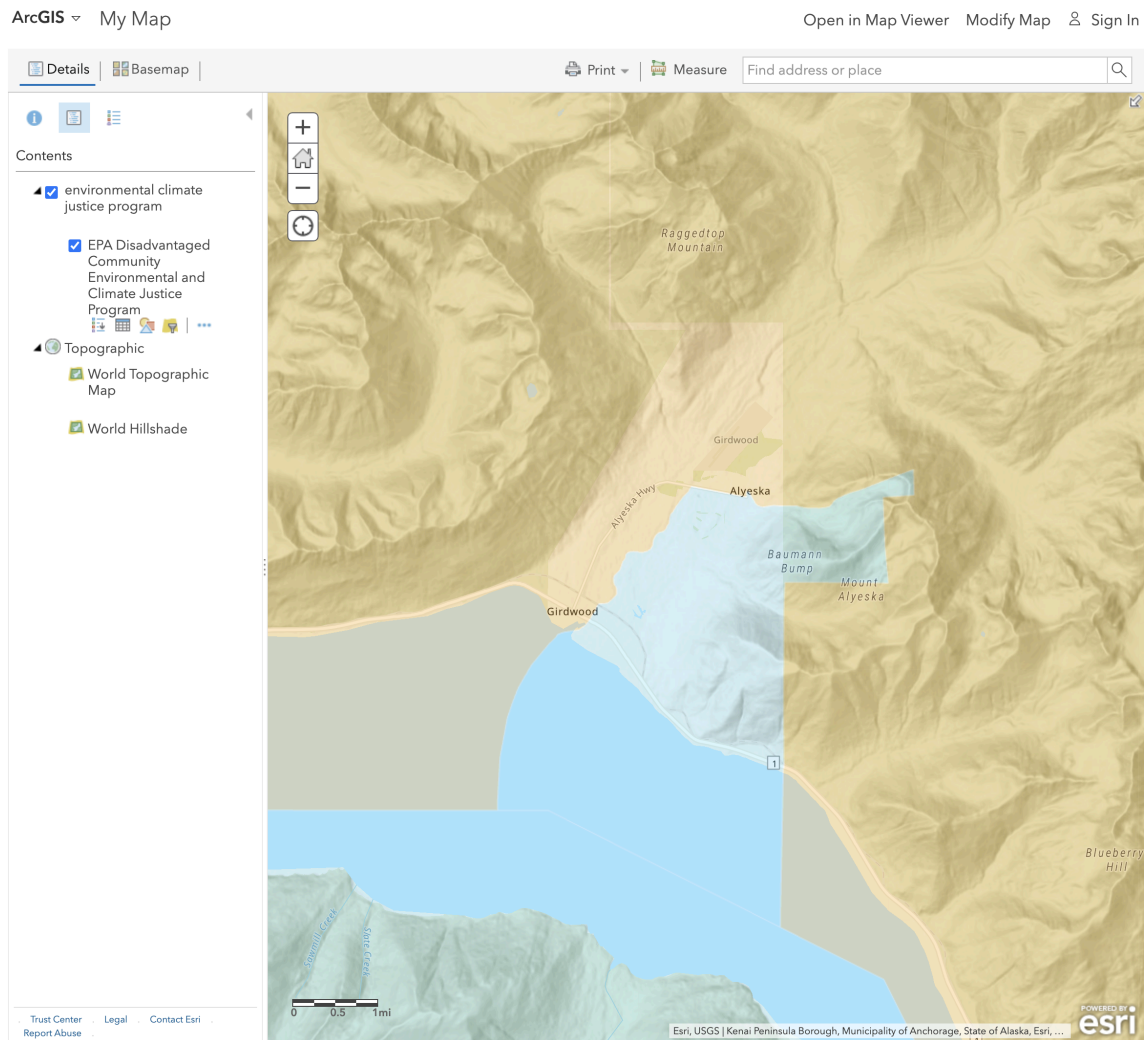
Grant Award Period and Completion: The proposed period of performance and completion for this project would start upon notice and award acceptance for up to 3 years to include two bank-full high-water events. The project activities listed in this application's scope of work would be completed in less than three years following the approval of grant funding. A project timeline is included in the project work-plan.

EPA Funding Requested: Track II \$1-\$3 million requested.

Other Sources of Funding: Funding for this type of climate resilience project is not available solely for Girdwood under any of the other Infrastructure Investments and Jobs Act (IIJA), or other IRA programs. These federal funding streams are typically only available to Girdwood's

overarching governing body, the Municipality of Anchorage (MOA) Borough. The Anchorage Borough population is 398,328 and represents 40% of Alaska’s entire state population. The borough is one of the largest in the nation, in terms of area, and spans 1,946 square miles from north to south including the towns of Eagle River, Chugiak, Bird, Indian and Girdwood. The issues that concern the 1979 residents of Girdwood are not a priority for the larger, voting population centers of the MOA. This has left Girdwood to respond in a reactive manner to natural disasters and the effects of climate change, rather than being proactive with planning and mitigation activities. This EPA grant opportunity would allow Girdwood Inc. to manage and grant sub awards with precisely negotiated terms and conditions giving guidance and allowing substantial federal involvement as part of the sub-award process. There are no other sources of funding currently available that provide comprehensive assistance to the multiple landowners and providers of infrastructure and services—Private, Federal, State, and Municipal— such as those who had previously received FEMA restoration funding assistance from damages incurred in the Typhoon Oscar disaster flooding of 1995.

Resubmission Status: N/A. This is the first submission of this application for this grant.



Girdwood, Alaska pictured above

SECTION B: PROJECT WORKPLAN

1. Track II Program Objectives: The Glacier Valley Watershed Resiliency Project is compliant with CAA § 138(b)(2)(E) and will build Girdwood’s capacity to evaluate and address environmental and climate injustices and give voice to Girdwood’s needs in future municipal decision-making processes. This project will foster meaningful engagement between Girdwood Inc., the Girdwood Board of Supervisors (GBOS), the Girdwood Housing and Economic Committee (GHEC) and the Municipality of Anchorage (MOA), in an effort to bolster more “equitable governance,” as required in Section I.H. of the EPA grant guidance.

Objective 1: Facilitate Engagement

The Glacier Valley Watershed Resiliency Project will address critical climate related issues facing local infrastructure, and work to create a channel restoration plan for Glacier Creek. This project will address priority concerns of Girdwood residents; to maintain the only safe exit out of the valley and keep the Glacier Creek Bridge structurally intact from detrimental erosion resulting from increased glacial melt. As the CBO, Girdwood Inc. will work with GVSA, GBOS, and GHEC to provide input, recommendations, and feedback. The Glacier Valley Watershed Resiliency Project will allow Girdwood to provide the critical first step in changing the way the community addresses flood mitigation by prioritizing local needs and concerns. Girdwood Inc. and GBOS will manage the sub award contracts and promote local resident engagement in an effort to foster two-way communications between community members and government decision-makers.

GHEC will operate similarly to an Environmental Advisory Board (EAB) by engaging with Girdwood residents, listening, responding and then providing recommendations to the Anchorage Municipality on topics of community importance. All of the members of GHEC are part of the disadvantaged Girdwood community and include a multi-generational and diverse representation of the local resident population. Unprecedented public comment from Girdwood residents at a few Anchorage Assembly meetings in 2021 and 2022 led to recognition that there was a disconnect between Anchorage development policies and the needs of Girdwood residents. GHEC was created by the Municipality of Anchorage in 2023 to focus on Girdwood’s housing and economic needs because the MOA recognized Girdwood residents had concerns that were not being addressed. For the past year, GHEC has worked on local issues that the Girdwood community is concerned about, like requesting studies of viable land for affordable housing, and the structural integrity of Glacier Creek Bridge.

The Anchorage Assembly and other planning & zoning committees hold the majority of their meetings in Anchorage, resulting in decades of poor communication and disregard for Girdwood’s interests. GHEC currently holds monthly public meetings in Girdwood that are streamed live and include time for public comment at every meeting. Public comment is one of the critical tools that will be used to ensure that, first and foremost, this project responds to the Girdwood community’s needs. The meeting minutes and recordings are posted online so that Girdwood residents can stay engaged and have the opportunity to address concerns that impact

their community, including environmental and climate justice issues, promoting community engagement and breaking down systemic barriers to community participation.

Objective 2: Improving relationships with the local government entity

The Glacier Valley Watershed Resiliency Project is a grassroots plan to stabilize Glacier Creek's alluvial plain in an effort to protect critical community infrastructure including bridges, airport, federal levees, water, wastewater and electric utilities, commercial and private property, and ensure safe egress/ingress on the only road in and out of the valley. This project will also stabilize the riparian ecosystem and encourage coho salmon spawning and rearing habitat and has potential to alleviate high construction costs by utilizing local gravel sources that may be identified and developed. By proposing a concrete solution and a path to funding, GBOS & GHEC will showcase this project as proactive and productive and start to break down the systemic barriers disallowing community participation with the Municipality, and instead build respect and showcase a successful project.

The Girdwood valley is geographically distinct from Anchorage in several ways. While Anchorage is located on the coastal plain along Cook Inlet, Girdwood is nestled in a glacially carved valley, with rugged mountainous terrain and steep slopes bordering three sides, crowned by 7 glaciers. Four dynamic glacial mountain streams flow into a valley of wetlands, floodplain and old growth forest. As a satellite community 45 miles from Anchorage, the Girdwood Board of Supervisors (GBOS) acts as an advisory board for Girdwood with limited authority to maintain road services & trails and holds only advisory powers for policies related to community and commercial land development. The Municipality of Anchorage has consistently gone against the community's advisory guidance for the best uses of its public lands including its sale, development and preservation. This has perpetuated inequities and exacerbated the stresses of an already limited Girdwood real estate market, disproportionately affecting seniors, the local workforce, and the local small business community. To improve the relationship with the Municipality, and elevate Girdwood local's concerns, GHEC will use this project as a way to showcase community inspired action that's locally administrated from application submittal, through funding allocation, contractor hires, community input and project implementation.

As a grassroots project, there is a great opportunity for the MOA to understand the root cause of the issues that affect Girdwood. Rather than just complaining, this project takes a concern, addresses it on the community level, and uses GHEC as the two-way communication mechanism, working to ensure that community needs inform decision-making and are integrated into MOA government processes and policies.

Objective 3: Increase Communication and Understanding

This climate resiliency project is extremely timely, and will benefit the Girdwood community directly, as well as indirectly, by helping the MOA have an increased understanding of local Girdwood community groups like GHEC, GBOS, and Girdwood Inc., and a greater acceptance of the community guidance and recommendations from them. There is recent and heightened concern in regard to the damaging erosion along Glacier Creek Bridge resulting from increased glacial melt. With the rise in global temperatures, glaciers in the area are retreating, which

contributes to higher runoff from mountain creeks during warmer months. This can lead to higher water volumes in streams and rivers, particularly in the summer. Climate change is also intensifying storm patterns, with more frequent and severe rain events. In Girdwood, this leads to heavier rainfall, which can cause rapid surges in creek and river levels, contributing to flooding and erosion. The Glacier Valley Watershed Resiliency Project offers solutions to some of the environmental and climate related problems that Girdwood faces. The project also has the potential to showcase what can happen when local groups work in alignment with governing bodies to proactively address concerns before serious issues arise. Girdwood residents that experienced the floods of Typhoon Oscar in 1995 are driving the interest in this project and their input is critical to understanding why proactive measures are needed now.

During the early years of Alaskan statehood, Girdwood was not considered a part of Anchorage, but in the late 1970's, a controversial vote forced Girdwood to join the Municipality. From that time forward, the glacial stream data collected by the USGS was reduced and relocated and for nearly 50 years resulting in a lack of stream data and a poor understanding of the complexity of the Girdwood watershed and the ways that it affects land development. For example, the Chugach Electric utility transformer station is located in Girdwood's floodplain, just adjacent to an aging and unmaintained federally constructed levee. Anchorage does not have an accurate understanding of the urgent climate related issues that this project responds to. By prioritizing the collection of stream data from more than 3 of the 9 major streams/rivers in the valley, this project increases understanding of the watershed and helps direct flood mitigation efforts and development in locally informed and responsive way.

2. Track II Project Collaboration and Participation: Integrating Feedback.

As documented in a Girdwood Board of Supervisors meeting minutes for the last 5+ years, Girdwood residents are concerned about intensifying storm cycles and surging glacial runoff rapidly depositing alluvium - raising the valley floor and threatening essential infrastructure. Discussions about the severe flooding in 1995 and the actions taken at that time became the seed for this community driven project.

Community concerns addressed in this project include:

PROTECTION: essential community infrastructure; water, sewer, electricity, roads, bridges, railroad, airport, federal levees, and commercial and community property.

SAFETY: ensuring safe ingress/egress depends on structural integrity of Glacier Creek Bridge.

PRESERVATION: repair and enhance aquatic ecosystems, riparian habitats, benefiting fish populations and anadromous species including salmon.

At a GBOS meeting in 2021, local residents discussed the increasing storm events and flood risks and determined that a study of solutions was needed. The goal would be creating a plan to stabilize the alluvial plain of and restrict gravel from traveling downstream. Working in precisely chosen areas, Glacier Creek channel restoration and gravel extraction efforts will reduce the material buildup in the river and protect the riparian habitat. In turn, the excavated material has great value as fortification for community infrastructure such as roads, bridge abutments,

and levees in the Girdwood Valley. There is broad community support for this project as it demonstrates an equitable grassroots approach to local issues of concern.

Promote engagement and trust

As the Statutory Body, GVSA will oversee and evaluate this project to ensure it stays aligned with the intent of the funding. GVSA is governed by GBOS and is advised by GHEC. Implementing accountability measures will be one important way to achieve this such as 20% mobilization due on award, 25% on completion of topography, 30% on sedimentary collection, 25% for 100% total, on project completion. GHEC was established in 2023 by the Girdwood Board of Supervisors (GBOS) after the community voted to approve a tax supported service area for housing and economic development in the community. GHEC provides a voice and opportunity for community members to participate in housing and economic development issues affecting Girdwood. This project has potential to lay the groundwork for local engagement in future projects and lead the MOA to make decisions based on Girdwood community needs. By working collaboratively, GBOS and GHEC will continue to solicit community input, initiate discussions, and conduct evaluations to ensure project success, community alignment, efficiency and fiscal responsibility.

Address climate and environmental issues locally and equitably

Girdwood is extremely vulnerable to flooding due to its location near steep mountain creeks. As glacial retreat accelerates and storm events become more extreme, the town faces increased risks of flooding, which can damage infrastructure, including homes, roads, and bridges. Girdwood's rivers and creeks are being affected by faster glacial melt, more erratic storm patterns, and shifts in seasonal water availability due to climate change. These changes are causing increased runoff, erosion, sedimentation, and heightened flooding risks, with potential long-term impacts local ecosystems. The increased runoff from both glacial melt and storm surges carries more sediment and polluting debris into the waterways. This affects the aquatic ecosystems, fish populations, and riparian habitats, which are vital for anadromous species including salmon.

The Glacier Valley Watershed Resiliency Project prioritizes the increase of stream data collection in local streams. A local hydrologist raised concerns at a past GHEC meeting about the lack of reliable data and uncertain condition of aging levees that have not been maintained since the 1980s when Girdwood became part of the MOA. Accurately recording the stream data has not been a priority for the MOA, leading to land development that doesn't account for the impacts of climate change and how they affect Girdwood. Without precise data on stream flow, flood risks, glacial melt and increased precipitation, developments in the area may fail to incorporate adequate safeguards or sustainable planning. As a result, Girdwood's unique environment and its vulnerability to climate change is often overlooked putting the community at greater risk for issues like erosion, flooding, and infrastructure strain.

The Glacier Valley Watershed Resiliency Project is a community-driven project with a climate focus. This outcome of this project is to produce a plan that, when implemented, will protect the Girdwood community, restore and enhance local riparian habitats and aquatic ecosystems,

and be an example of a successful grassroots project, setting a new standard for communication and implement meaningful solutions to meet Girdwood's needs now, and for generations to come.

3. Track II Project Linkages to FY 22 EPA Strategic Plan.

Goal 1: Tackle the Climate Crisis

Obj 1.2: Accelerate Resilience and Adaptation to Climate Change Impacts

Arctic amplification refers to the phenomenon where the arctic region warms at a faster rate than the rest of the planet due to climate change. In Alaska, the effects of climate change can be particularly noticeable, and in particular for Girdwood, climate driven events like floods are becoming more frequent and damaging. Additionally, the rapid melting and recession of glaciers, accelerated by climate change, is worsening these environmental challenges. Working in a proactive way to address Girdwood's climate related issues demonstrates both resilience and adaptation. This project shows a grassroots effort to recognize the disaster potential from increased flooding and work proactively to mitigate any damage before it happens.

Goal 2: Take Decisive Action to Advance Environmental Justice and Civil Rights.

Obj 2.1: Promote Environmental Justice and Civil Rights at Federal, Tribal, State, & Local Levels

The Glacier Valley Watershed Resiliency Project will establish a foundation for future community-led initiatives. By focusing on the specific challenges that Girdwood faces and planning projects to address climate change impacts locally, it will demonstrate Girdwood's capability to manage such efforts. As a result, the municipality will likely recognize Girdwood's competence and be more likely to trust in and consult the community on future issues.

Goal 5: Ensure Clean and Safe Water for All Communities.

Obj 5.2: Protect and Restore Waterbodies and Watersheds

This project will take a geomorphic approach to channel restoration in Glacier Creek. This design approach works within the natural range of physical variability, as well as considering project goals and objectives of the Girdwood community such as infrastructure protection and riparian habitat restoration and enhancement. The stream analysis, data collection and design protocols set forth in Stream Restoration Design Handbook, Chapter 11 (Bernard, 2007) and amplified in Watershed Assessment of River Stability and Sediment Supply (WARSSS) (Rosgen, 2006) have been successfully applied to stable stream modification nationally, and internationally, over the past 20 plus years. This same protocol will be successful when applied to Glacier Creek.

Goal 6: Safeguard and Revitalize Communities. Obj 6.1: Clean Up and Restore Land for Productive Uses and Healthy Communities and Obj 6.3: Prepare for and Respond to Environmental Emergencies.

This project supports this goal and objective by working to decrease stream bed erosion, alleviating any structural issues and ensuring that Glacier Creek Bridge is not compromised in a flood event or environmental emergency.

4. Glacier Valley Watershed Resiliency Project Budget Description

Project budget total: \$1,893,925

PERSONNEL: \$72,000 Girdwood Inc. administrative hours, outreach, grant compliance and reporting (25 hrs/month @ \$80/hr = \$2000 x 3 years)

TRAVEL: \$7500 travel for consultants from lower 48 contiguous states to Girdwood. Estimated 2000 miles, 1x trip.

SUPPLIES: \$10,000 outreach, facilities rental, printing & signage for community meetings

INDIRECT: 10% de minimus rate

CONTRACTUAL:

\$50,000 Accounting Services for Girdwood Services for project duration

\$350,000 Engineering Services for gravel extraction plan

\$800,000 Gravel Extraction Services – Maintenance Contract

\$200,000 Program Manager contract with Municipality of Anchorage

\$232,250 Geomorphology & watershed management consulting through competitive process (sample bid included below)

StreamFix Channel Restoration Plan Budget Description Detail

The StreamFix bid was prepared by an Alaska-based firm that participated in the early discussions within the Girdwood community. Their local expertise contributed to a thorough and detailed bid for this project. If the grant application is successful, Girdwood Inc. will initiate a competitive bidding process, including specific requirements for contractors.

Research community goal and objectives - 30 hours COST: \$16,500

Hold introductory meetings with GBOS/GHEC, establish preliminary local needs and expectations such as: reduction of alluvial sediment accumulation impacts to the floodplain and community, analyze alternatives in terms of effectiveness, review structural protective measures, develop improvements and protective measures for critical infrastructure, increase and enhance salmon spawning and rearing habitat opportunities through stable alluvial management, create an analysis of potential flooding impacts.

Data research - 40 hours COST: \$11,000

Gather and analyze local and regional data to support design, i.e. flood curves, local historical events/impacts, other applicable data/history

Stable Stream Measurement - 30 hours COST: \$16,750

Locate a stable reference stream (same stream type) in the same hydro-physiographic province, create a survey of 2 meander wave lengths. Proceed to divide measurements by bankfull (OHW) width to normalize the data into dimensionless ratios for application to this project.

Flood Event Sediment Collection and Analysis - 60 hours COST: \$24,000

Mobilize sample equipment to site storage and train a local team in using that equipment following sediment collection protocols. Conduct sediment collection on the rising limb of the bankfull (OHW) or higher flow event. A local sediment collection team would be needed on-site whenever the event occurs. Event and time requirements call for experienced/trained local oversight. The collected sediment is sent to a lab for drying, screening and weighing. Collected sediment data can then be used with the appropriate hydrologic flow curves, combined with software, to forecast sediment movement during a given flood event.

Identify Ordinary High Water (OHW) and Topo - 60 hours COST: \$24,000

Identify bankfull (channel forming flow elevations) through the reach for Glacier and the stable reference stream. Bankfull elevations will be established by StreamFix personnel. This will require a survey team with GPS, work will likely also be needed on adjacent California Creek.

Geomorphic Channel Design - 120 hours COST: \$74,000

The design of this project will follow the protocols outlined in Chapter 11, of the NRCS National Engineering Handbook Part 654 (Bernard, et al.2007) and Watershed Assessment of River Stability and Sediment Supply (WARSSS) (Rosgen, 2006)

Entity Permitting Meetings (virtual) - 100 hours COST: \$55,000

As design is developed, there will be a number of meetings with Local, State & Federal agencies to ensure the design will be in compliance the the agency permitting requirements and needs.

Bid document Preparation - 40 hours COST: \$11,000

When the final design receives permits from local, state and federal agencies, and all design modifications are complete, contract and electronic copies will be prepared and submitted.

5. Environmental Results: By following the lead of successful design protocols this project will carefully implement project tasks with the goal of creating a channel restoration design. This could include a number of streams in the Girdwood valley, and further community input and assessment will inform next steps. This project will have long lasting positive effects in the Girdwood community by preserving safe egress/ingress, protecting roads, airport, school, levees, the railroad, firehall, water, wastewater and electric utilities. By using at least three local sites for sediment sampling, this project will also help forecast sediment movement during a flood and propose a few sediment management strategies. In the preparation for this application, the consultant StreamFix, provided an initial description of channel restoration project tasks to help achieve desired environmental results such as riparian enhancement and restoration, increased usable land, infrastructure integrity and a reduced risk of flooding. Outcomes and output from the channel restoration portion of this project are listed below.

StreamFix Workplan	Timeframe	Outcomes	Output
<u>Research community goal & objectives</u>	20 days	Community Needs and Data collection	Baseline historic documentation
<u>Data research</u>	25 days	Community Needs and Data collection	Baseline historic documentation
<u>Stable Stream Measurement</u>	7 days	Reference measurements	Reference 'reach' data
<u>Flood Event Sediment Collection & Analysis</u>	35 days, contingent on high water event	Sediment size determination	Sediments movement assessment
<u>Identify OHW & Topo</u>	14 days	Existing stream measurements	Existing condition data set
<u>Geomorphic Channel Design</u>	75 days	Documentation design	Preliminary plans

StreamFix Workplan	Timeframe	Outcomes	Output
<u>Research community goal & objectives</u>	20 days	Community Needs and Data collection	Baseline historic documentation
<u>Entity Permitting Meetings</u>	90 days	Project approval permits	Documentation
<u>Bid document Preparation</u>	14 days	Construction permits	Permitted construction plans

6. Experience and Commitment of project CBO, Girdwood Inc:

The project CBO, Girdwood Inc. has received grant funding and completed projects including the Girdwood Firehall and Emergency Services building, the Girdwood Community Center and Library, the Girdwood Clinic, the Girdwood Post Office and the Alyeska Roundhouse Museum. Girdwood Inc. is a registered 501c3 and is compliant with all federal grant reporting requirements (Appendix A).

The current members of Girdwood Inc. are local residents, homeowners, business owners and retirees. Their collective experience will help ensure the development and oversight of a solid plan and a well executed project. The board members of Girdwood Inc., GHEC and GBOS are all volunteers, which highlights the commitment they have to their community, as well as their desire to make Girdwood a safe and prosperous place to live. These board members have shared a goal to collect information, concerns and desires from their fellow community members and work to solve problems and improve the quality of life for all residents. Anchorage is not able to prioritize many Girdwood issues, so having a strong voice on the advisory boards is critical. Showing the results of a well-planned and funded grant project can encourage the MOA to give Girdwood Inc., GHEC and GBOS more opportunities for self governance on important community issues.

7. Programmatic and Managerial Capability and Resources:

During community meeting discussions, there has been a decision to hire the local Girdwood Town Manager, Kyle Kelley as the program manager for this project. His decades of experience in his position, his ability to work with the Municipality, GHEC and Girdwood Inc. and his understanding of the resources that are available, will help ensure success. Girdwood Inc. will be able to successfully complete, oversee, and manage funding as demonstrated by their past performance. The Girdwood tax service area has the benefit of the Municipality of Anchorage for oversight and assistance with grant compliance and reporting capacity. Their guidance ensures that reporting requirements will be met in a timely and efficient manner.

In 1995, during Typhoon Oscar, there was extreme damage to infrastructure, personal property and businesses in the Glacier Creek valley. During this emergency, the Girdwood Board of Supervisors (GBOS), the governing body of the Statutory Partner (GVSA), used heavy equipment

to remove 40,000 cubic yards of gravel and rock from Glacier Creek to protect critical infrastructure and property from further damage. At that time, there were numerous agencies and entities in Girdwood with significant damages that requested FEMA infrastructure restoration financial assistance including Alaska Railroad, DOT, FAA, Girdwood Fire Department, Chugach Electric, the MOA, 6 small businesses, private homes and the local ski resort. As evidenced by this list, this mitigation project will also proactively benefit other state and federal agencies by supporting the community infrastructure with preventative flood mitigation measures (Appendix B).

GBOS was the Project Manager for the Typhoon Oscar National Disaster Response. The GBOS Project Manager at the time was the point of contact for the FEMA restoration response. In this capacity, GBOS coordinated and oversaw multiple responses to successful conclusions involving working with multiple agencies and their various issues, including Federal, State, Municipal and Private entities. These efforts were successful because they were implemented from the Girdwood ground level, and not decided in Anchorage by non-residents. In this critical moment of disaster flood response, the local GBOS board members worked at the community level to prioritize and implement the necessary tasks and steps toward recovery. This local arm of the Anchorage Municipal government is a critical collaborating entity and has valuable local experience to help support this project. The Glacier Valley Watershed Resiliency Project is grassroots and solutions-oriented, and it will safeguard the Girdwood community from the compounding negative effects of climate change.

8. Past Performance:

Girdwood Inc. has successfully managed several key local capital projects. Girdwood Inc was the fiscal sponsor for the repair and renovation of the historic Roundhouse at Alyeska, a 3-million-dollar project, as well as the Gerrish Library and Community Room, a 6-million-dollar project completed in 2008.

Girdwood Inc has been a trusted entity to hold funds for a variety of purposes and projects, including recreation and infrastructure, for the past 20 years. Most grants received within the past three years have been for the purposes of the Girdwood Workforce Childcare Project. The objective of this project is to build a new and safe childcare center to replace the existing facility, which has known safety issues. This project will result in a much-needed increase to licensed childcare capacity in our community.

The following grants have been secured:

- ARPA II - \$1,600,000 - 2022
- The Rasmuson Foundation - \$350,000 - 2023
- State of Alaska Budget Appropriation Grant – Dept of Commerce - \$500,000 - 2024

The project broke ground this summer with clearing and waterline and sewer line installed. The vertical construction is scheduled to begin May 2025.

Additionally, Girdwood Inc was awarded a \$140,000 ARPA Grant to complete the new Girdwood Area Plan. The new plan, a culmination of years of community input and effort, is expected to be adopted by year end 2024.



Girdwood Inc.
PO Box 1102
Girdwood, AK 99587

November 15, 2024

To Whom it May Concern,

Girdwood Inc is compliant with all grant reporting requirements to date.

Respectfully submitted,

DocuSigned by:
Dale Goodwin
B191662C763E4E2...

11/18/2024

Dale Goodwin

President

Girdwood Inc

APPENDIX B. Typhoon Oscar, 1995 FEMA disaster requests from Girdwood, AK

Girdwood Valley, Alaska Flood Disaster
Comprehensive Damage Assessment through October 7, 1995

Agency/ Sector	Damage Site	Address	Category of Damage	Preliminary Estimate
MOA-ATU	valley wide	phones	e,f,d,b	\$17,500
MOA- AWWU	valley wide	water,sewer	f,a	\$87,000- \$112,000
MOA	Glacier Ck.	armor rock: purchase, transport, placement	b,d,f	\$185,000
MOA	Glacier Ck.	channeling, gravel replacement	b,d,f	\$20,000
MOA-GFD	valley wide	communications, emergency lighting	e,g	\$16,000
MOA-Trails	Winner Creek California Ck Glacier Creek Crow Creek Bike Path Tiny Creek Beaver Pond Ck. Virgin Creek	replace 12 bridges, reconstruct 4 miles trail est.	a,b,c,d	\$45,000
MOA- Girdwood road service	valley wide	reconstruction	list attached	\$100,000 est.
Ak State DOT	Glacier Ck. (including airport)	armor rock, channeling, gravel replacement	a,b,c,d,f	\$100,000 \$30,000
Ak State DOT	Crow Creek Rd.	bridge and road repairs	a,b,c,d	unknown
Ak State Fish and Game	Glacier Ck. California Ck.	habitat restoration, revegetation	a,g,b,d a,g,b,d	\$10,000 \$4,000
Ak Railroad				unknown
U.S. Forest Service	Chugach National Forest	trails, culverts, bridge, road	a,b,c,d	\$29,000
Alyeska Resort	Mt. Alyeska, Alyeska Ck.	attached list	a,b,c,d,e	\$100,000

APPENDIX B continued. Typhoon Oscar, 1995 FEMA disaster requests from Girdwood, AK

19 private homes	valley wide	attached lists	a,e,g,b,d	\$106,000
Girdwood Mall	Hiway	roof and ceiling damage, storm drain plugging	a,b,e	\$7,500
6 businesses	valley wide		a,b,d,e,	unknown
Chugach Electric	valley wide		a,b,f	\$67,000
Pvt. access	Upper Crow Creek	culverts, road	a,b,c,d	\$5,000
Girdwood Mine	Upper Crow Creek	stream stabilization, 5/8ths mile, return Crow Creek to channel	a,b,c,d	\$78,000
Crow Creek Mine	Crow Creek	Crow Creek trail repairs	a,b,c	\$5,000
New Girdwood Townsite	water well contamination	3 wells preliminary, multiple locatons	b,d,f	unknown
			prelim. total	\$1,002,500

MOA = Municipality of Anchorage
 CEA = Chugach Electric Cooperative
 DOT = Alaska Department of Transportation
 GFD = Girdwood Fire Department
 ATU = Anchorage Telephone Utility
 AWWU = Anchorage Water and Wastewater Utility

- a. debris clearance
- b. protective measures
- c. road systems (bridges)
- d. water control facilities
- e. building and equipment
- f. public utilities systems
- g. other



EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: **First Name:** **Middle Name:**
Last Name: **Suffix:**
Title:

Complete Address:
Street1:
Street2:
City: **State:**
Zip / Postal Code: **Country:**
Phone Number: **Fax Number:**
E-mail Address:

Payee: *Individual authorized to accept payments.*

Name: Prefix: **First Name:** **Middle Name:**
Last Name: **Suffix:**
Title:

Complete Address:
Street1:
Street2:
City: **State:**
Zip / Postal Code: **Country:**
Phone Number: **Fax Number:**
E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: **First Name:** **Middle Name:**
Last Name: **Suffix:**
Title:

Complete Address:
Street1:
Street2:
City: **State:**
Zip / Postal Code: **Country:**
Phone Number: **Fax Number:**
E-mail Address:

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: **First Name:** **Middle Name:**
Last Name: **Suffix:**
Title:

Complete Address:

Street1:
Street2:
City: **State:**
Zip / Postal Code: **Country:**
Phone Number: **Fax Number:**
E-mail Address:

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Glacier Valley Watershed Resilience Project	66.616	\$ <input type="text"/>	\$ <input type="text"/>	\$ 1,893,925.00	\$ <input type="text"/>	\$ 1,893,925.00
2.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5. Totals		\$ <input type="text"/>	\$ <input type="text"/>	\$ 1,893,925.00	\$ <input type="text"/>	\$ 1,893,925.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	Glacier Valley Watershed Resilience Project				
a. Personnel	\$ 72,000.00	\$	\$	\$	\$ 72,000.00
b. Fringe Benefits					
c. Travel	7,500.00				7,500.00
d. Equipment					
e. Supplies	10,000.00				10,000.00
f. Contractual	1,632,250.00				1,632,250.00
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	1,721,750.00				\$ 1,721,750.00
j. Indirect Charges	172,175.00				\$ 172,175.00
k. TOTALS (sum of 6i and 6j)	\$ 1,893,925.00	\$	\$	\$	\$ 1,893,925.00
7. Program Income	\$	\$	\$	\$	\$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Glacier Valley Watershed Resilience Project	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 408,351.00	\$ 71,046.00	\$ 117,435.00	\$ 109,935.00	\$ 109,935.00
14. Non-Federal					
15. TOTAL (sum of lines 13 and 14)	\$ 408,351.00	\$ 71,046.00	\$ 117,435.00	\$ 109,935.00	\$ 109,935.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. Glacier Valley Watershed Resilience Project	\$ 408,350.00	\$ 800,850.00	\$ 684,725.00	
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	\$ 408,350.00	\$ 800,850.00	\$ 684,725.00	

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:		22. Indirect Charges:	
23. Remarks:			

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Other Attachment File(s)

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Attachment A: Budget Template

Object Class Categories	Description	66.616 Environmental and Climate Justice Block Grant Program
a. Personnel		\$72,000
Girdwood Inc administration personnel	<i>Job position: Program Director 25 hrs/month @ \$80/hr = \$2000 x 3 years</i>	\$72,000
b. Fringe Benefits		\$0
c. Travel		\$7,500
Consultant travel	<i>Out-of-state travel - consultants travel TO Girdwood, Alaska 1x Trip Budgeted, 2x travelers Flights: Average \$600/RT for West Coast travel to ANC Hotel/Stay: Average \$300/night x 7 Days Per Diem: \$75/day x 7 days Mileage: Estimated travel ~2,000 Miles Padding: 15% padding for additional expenditures related to travel Necessity based on lack of local contractors experienced in geomorphology and glacial alluvial watershed management</i>	\$7,500
d. Equipment		\$0
e. Supplies		\$10,000
Tangible outreach supplies	<i>Outreach, facilities rental, printing & signage for community meetings</i>	\$10,000
f. Contractual		\$1,632,250
Accounting Services	<i>Accounting Services for Girdwood Services for project duration</i>	\$50,000
Engineering Services	<i>Design and engineering services for gravel extraction plan</i>	\$350,000
Watershed assessment	<i>Data research and hydrologic data Stable stream measurement Flood sediment collection and analysis Identify OHW and topo project reach Geomorphic channel design Entity permitting meetings (virtual) Bid document preparation Years 1-2, Competitive</i>	\$232,250
Gravel Extraction Services	<i>Maintenance Contract for gravel extraction, Years 2-3</i>	\$800,000
Project management	<i>Project Manager contract with Municipality of Anchorage, Girdwood Valley Service Area</i>	\$200,000
g. Construction		\$0
h. Other		\$0

i. Total Direct Charges		\$1,721,750
j. Indirect Charges		\$172,175
overhead 10% de-minimus	<i>Calculated on 10% de-minimus rate on personnel, contractual, supplies, & travel</i>	\$172,175
k. TOTALS (sum of 6i and 6j)		\$1,893,925

The following attachment is not included in the view since it is not a read-only PDF file.

Upon submission, this file will be transmitted to the Grantor without any data loss.

Attachment B_Partnership Agreement.pdf