Exxon Valdez Oil Spill Trustee Council



Federal Fiscal Year 2010

Invitation for Proposals DRAFT January 5, 2009



Exxon Valdez Oil Spill Trustee Council 441 W. 5th Avenue, Suite 500 Anchorage, AK 99501 907-278-8012 / fax: 907-276-7178 www.evostc.state.ak.us

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Implementation of the Exxon Valdez Oil Spill Restoration Plan

FY 2010 Invitation for Proposals

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DRAFT January 5, 2009

Notice

The Alaska Department of Fish and Game (ADF&G) administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972.

If you believe you have been discriminated against in any program, activity, or facility please write:

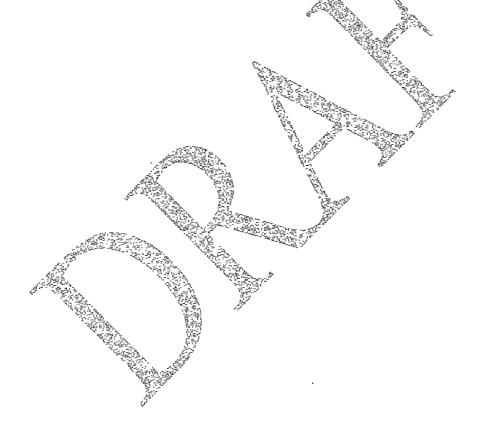
- ADF&G ADA Coordinator, P.O. Box 115526, Juneau, AK 99811-5526.
- The department's ADA Coordinator can be reached via phone at the following numbers: (VOICE) 907-465-6077; (Statewide Telecommunication Device for the Deaf) 1-800-478-3648; (Juneau TDD) 907-465-3646; or (FAX) 907-465-6078.
- U.S. Fish and Wildlife Service, 4040 N. Fairfax Drive, Suite 300 Webb, Arlington, VA 22203.
- Office of Equal Opportunity, U.S. Department of the Interior, Washington DC 20240.

Eligibility Criteria

Individuals, private industry, government agencies and other interested parties, regardless of nationality or insitutional affiliation, are entitled to submit a proposal in response to this Invitation. All proposals will be evaluated based on the same criteria regardless of the source of the proposal.

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I. Schedule

The schedule for the receipt, review and approval of FY10 proposals is shown below.

February 27, 2009	Invitation for Proposals issued
April 24, 2009	FY10 Proposals Due by 5:00 PM
May 29, 2009	Panel reviews completed
June 12, 2009	Draft Work Plan available for review
August 2009	Funding decision made by Trustee Council

The Exxon Valdez Oil Spill Trustee Council operates on a federal fiscal year. The FY10 fiscal year begins on October 1, 2009 and ends on September 30, 2010.

II. Background and Purpose of the FY10 Invitation for Proposals

In 1989, the *T/V Exxon Valdez* spilled 11 million gallons of crude oil into Prince William Sound (PWS). In 1991, the U.S. District Court approved a civil settlement that required Exxon to pay the United States and the State of Alaska \$900 million to restore the natural resources injured by the spill and the reduced or lost services (including human uses) that those resources provide (Natural Resource Services). A Trustee Council (Council) of three federal and three state members administers this joint settlement fund.

A Restoration Plan¹ was adopted by the Council in 1994 that provides long-term guidance for restoring the resources and services injured by the oil spill. It contains policies for making restoration decisions, describes how restoration activities will be implemented, and includes an Injured Resources and Services (IRS) list that provides a focus for restoration. The IRS list has been updated several times since 1994. The most recent update took place in 2006.²

The Council sets restoration priorities and annually determines which projects will be funded. Restoration projects are solicited through this Invitation for Proposals (Invitation). The Invitation is open to individuals, private industry, government agencies and other interested parties interested in submitting proposals for restoration work identified in the Invitation. Proposals selected for funding will comprise a portion of the Council's annual workplan.

The Council is committed to the focus areas above and to moving the program forward in an effective and fiscally-responsible manner. For FY10, the Council will be focusing its efforts on three main categories: Lingering Oil, Integrated Herring Restoration Program, and Reduction of Marine Pollution.

A. Funding, Duration, and Scope

Funding - The Council established an Investment Fund and adopted an endowment approach for management of the Fund. This approach establishes annual spending limit goals thus ensuring the Fund's value over time. Yearly spending includes the annual

¹ http://www.evostc.state.ak.us/Policies/restplan.cfm

² http://www.evostc.state.ak.us/Publications/InjuredResources.cfm

work plan, continuing multi-year projects and administrative costs, including the science and data management, public information and project management. The Council is not placing a direct cap on the amount of money available for projects within the FY10 work plan. However, projects must reflect reasonable and prudent cost management and budgets should be precise and accurate. Cost effectiveness will be an important consideration for the Council as the members deliberate project funding.

Duration - Award periods for proposals commencing in 2009 may range from one year to three years. Regardless of project length, applicants must achieve an outcome and product within the requested award period, including data analysis and submission of quarterly reports, a draft final report and a peer-reviewed, final report of research results. Proposers should plan for sufficient time and funding to complete report writing, peer review, and publication of final reports.

Scope - For the categories outlined within this Invitation, the Council is seeking completed proposals using the instructions provided in Section VIII, Instructions for Submitting a Proposal.

B. Projects Continuing from Prior Fiscal Years

A few projects currently receive funding from previous multi-year awards. Principal investigators (PIs) who have already been authorized by the Trustee Council to continue their projects in FY10 need not submit a proposal package. Projects that are currently underway may submit proposal amendments detailing any additional work required to complete or expand a project's scope. If needed, an amendment for an ongoing project will be considered only if a current annual report has been received and accepted by the Frustee Council office. Amendments to existing proposals may be submitted to the Science Director, and should include a reference to the previously funded project. All amendments will receive full review by a Science Panel, the Science Director, and the Executive Director Recommendations for additional funding will be made to the Council for a final decision. Information on how to submit a project amendment can be found on the Trustee Council's website.

C. Community Involvement

The Frustee Council is committed to working with communities in the oil spill-affected area and encourages proposers to involve local communities to the greatest degree possible consistent with the objectives of the proposal.

Every successful proposal is required to develop a community involvement plan that specifies how relevant coastal communities, concerned commercial and sport fishers, subsistence users, local scientists, public schools and universities, will be informed and engaged in the project. The community involvement section of the proposal should address the following questions, if applicable: How will affected communities be informed about the project and be given an opportunity to provide their input? How will research findings and other project information be communicated to local communities? To what extent will local hire be used for the acquisition of such things as vessels,

technicians, and equipment? To what extent will traditional and local knowledge be incorporated into the project?

The degree to which the activities of each proposed project allow involvement with local communities and incorporation of local knowledge will vary, but interaction with communities is required. Reviewers will give additional consideration to proposals that demonstrate meaningful community involvement and/or make use of local and traditional ecological knowledge. Any collection or use of traditional knowledge should follow the "Protocols for Including Indigenous Knowledge in the EVOS Restoration Process." Additional guidelines to protect the sensitivity of local knowledge are included in "A History of Trustee Council Tribal and Community Involvement."

For ideas as to education and outreach please refer "Education and Public Outreach: A Guide for Scientists," produced by the NSF-funded Centers for Ocean Sciences Education Excellence and published by the Oceanography Society. Additional sources of information on how to incorporate local and native communities are the Community Involvement, Environmental Education, and Community Outreach in the EVOS Restoration Process Report.

D. Additional Considerations

The Council also wishes to maximize resources by building on past and ongoing efforts and to integrate proposals being considered for funding in FY10. Proposers are encouraged to collaborate in the development of proposals and describe efforts to integrate project data collection, analysis, and findings consistent with proposal objectives.

III. Introduction to the FY10 Invitation for Proposal

The Council recognizes that a tremendous amount of work has been accomplished over the nineteen years of research, monitoring and restoration activities that have been directed at addressing the goals of the 1994 Restoration Plan. The Council has considered the results of previous synthesis efforts funded in 2006 and has determined that for fiscal year 2010 Council efforts will focus on:

- Lingering Oil: Distribution and processes in the nearshore environment
- Restoration of Prince William Sound Pacific herring
- Marine pollution affecting injured resources and services
- Restoration of Injured Resources and Services

http://www.evostc.state.ak.us/Files.cfm?doc=/Store/AnnualReports/1997-97052B1-Annual.pdf

⁴ http://www.evostc.state.ak.us/Universal/Documents/Publications/Trib Comm Inv.pdf

⁵ http://www.tos.org/epo_guide/

⁶ http://www.evostc.state.ak.us/Files.cfm?doc=/Store/FinalReports/2008-080575-Final.pdf&

To be considered responsive to this Invitation, proposals must:

- a. demonstrate a clear linkage to injured natural resources and/or natural resource services;
- b. be focused within the oil spill-affected area;
- c. respond to one or more of the categories described in this Invitation; and
- d. describe community involvement

NOTE: Current PI's must comply with all reporting requirements for previously-funded projects in order to receive funding for newly-awarded projects.

Specific requests are outlined below and are based upon previous Council-sponsored work. Information on the status of Council-funded projects is available on the Council's website as it becomes available, or you can contact the Council office directly for more information at (907) 278-8012. The Council does not wish to duplicate efforts and encourages the use of existing materials and collaboration with other ongoing efforts. Proposals should explicitly state how the project could lead to the restoration of injured natural resources and/or natural resource services.

Reviewers will give additional consideration to proposals that have resource management applications. The development of tools, technologies and information that can help resource managers and regulators improve management of marine resources and address problems that may arise from human activities are a critical part of this invitation. Use this section to describe how your proposal might result in knowledge or products that would contribute to meeting this goal. Do not simply provide a statement that a proposal is expected to have resource management applications without demonstrating that one or more representatives of a resource management agency have been contacted prior to proposal submission and have agreed to work with the proposers in developing the resource management components of the proposal. Resource management agency contacts should be identified in this section.

IV. Project Invitation by Category

LINGERING OIL

Since 2001, our understanding of the amount of oil remaining in PWS and its location has grown increasingly sophisticated. For instance, we now know that much of the remaining oil is found at a lower level in the intertidal zone than thought for the first 12 to 13 years after the spill.

It is estimated that 11 ± 35 acres of intertidal beaches have remnant lingering oil. However, one of the assumptions underlying these estimates is that nearly all of the remaining oil is located in beaches that were heavily or moderately oiled in 1989. However, because some nearshore organisms inhabiting less oiled areas of Western Prince William Sound are still being exposed to oil, it is possible that organisms are being exposed to sources of oil that have not been identified.

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⁷ www.evostc.state.ak.us

Questions remain about the geomorphology and geochemistry of the beaches on which lingering oil deposits are found. The physical and chemical processes in beaches with remaining oil need to be understood better, as these processes will determine the potential success of any future attempts at remediation. Moreover, the distribution of oil in these beaches relative to the distribution of local fauna will also determine how accessible the oil is to organisms. Therefore, it is important to gain a better understanding of the fine-scale processes occurring in the beaches that harbor lingering oil.

Currently, the Council is funding three studies that will provide information on the distribution and processes affecting lingering oil. Project 070801 (Assessment of the Area Distribution and Amount of Lingering Oil in PWS and GOA) by Michel will model the distribution of lingering oil in the spill area.

Project 080840 (Biodegradability of Lingering Oil) by Venosa will provide important information that will help evaluate the persistence of the lingering oil on PWS beaches and evaluate potential methods for biodegradation.

Project 070836 (Factors Limiting the Degradation Rate of EVOS Oil) by Boufadel will provide information about the factors influencing the degradation of oil in PWS. The Council also has funded a number of studies aimed at determining the effects of lingering oil on the nearshore environment and the species that forage there, including sea otters, harlequin ducks and Barrow's goldeneyes.

It is possible that the currently funded projects, or information developed by other entities, will identify information gaps that will need to be filled during the coming fiscal year. The Trustee Council thus anticipates that it may be desirable to fund additional projects later in the fiscal year. Therefore the Council seeks additional proposals related to the distribution of lingering oil, understanding the reasons behind its failure to biodegrade, its effects on the nearshore environment and the species that forage there and ways in which it can be remediated that are based on developing knowledge regarding lingering oil. The Council also will consider proposals that measure the exposure to and the effects of recovering or not recovered resources to lingering oil, particularly in the nearshore ecosystem. Because these proposals will build upon work not yet completed, they may be submitted at any time during the coming fiscal year.

INTEGRATED HERRING PROGRAM

THIS WOULD COME FROM THE IHRP

REDUCTION OF MARINE POLLUTION

Most coastal communities in the spill area have a limited ability to collect and properly dispose of wastes, such as oily bilge water, used engine oil, paints, solvents, and lead-acid batteries. Improper disposal of these wastes in community landfills adversely affects the quality of nearby marine waters through runoff and leaching. In some cases, these wastes are discharged directly into marine waters. Chronic marine pollution places stress on fish and wildlife resources, possibly delaying recovery of resources injured by the oil spill. In fact, with regard to the

worldwide mortality of seabirds, the effects of chronic marine pollution are believed to be at least as important as those of large-scale spills.

The Council has funded several projects to prepare waste management plans and a portion of the implementation phase of Projects 02514/Tuner - Lower Cook Inlet Waste Management Plan, 99304/Stevens - Kodiak Island Borough Master Waste Management Plan, 97115/Winchester - Sound Waste Management Plan and Restoration, and 95417/Roetman - Waste Oil Disposal Facilities. These projects resulted in the acquisition of waste oil management equipment and the construction of environmental operating stations for the drop-off of used oil, household hazardous waste and recyclable solid waste in Cordova, Valdez, Chenega Bay, Tatitlek and Whittier, Kodiak and lower Cook Inlet.

The Council seeks proposals to further reduce pollution in the marine environment. Applications should describe the extent to which the proposed project will reduce marine pollution in the environment and how this reduction will contribute to the recovery of one or more injured natural resources and/or natural resource services. Proposers should refer to the Council's policy regarding normal agency management before formulating project proposals.

RESTORATION OF INJURED RESOURCES AND SERVICES

While proposals addressing specific topics are being requested, the Council understands that there may be project ideas that would assist in moving injured resources and services toward restoration. Please refer to the 2006 Update of the Injured Resource and Services List to learn more about the restoration objectives for each individual resource and service. While the Council welcomes these proposals, the highest consideration will be given to integrated, multidisciplinary projects.

V. Considerations Applicable to Project Proposals

The 1994 Restoration Plan includes restoration policies, appropriate actions, goals, objectives and strategies specific to each of the injured natural resources and natural resource services previously discussed. All restoration project proposals must include methods and employ project designs consistent with the 1994 Restoration Plan and the consequent Injured Resource and Services updates. Proposals are encouraged to consider and include if possible the following elements in their proposals for injured resources and services:

A. Monitoring/Population Modeling

In some instances, new studies of specific resources may not aid in resolving questions regarding continuing injury. Nonetheless, long-term evaluation of injured species should occur to determine when populations in oiled and unoiled areas could be declared recovered or until it is determined that further remediation or enhancement activities are warranted.

Monitoring is also important for resources whose recovery status is currently difficult to assess. For example, recovery status for intertidal communities is challenging because monitoring in both oiled and unoiled areas has not been conducted consistently in these

areas since the spill. Thus, monitoring of some resources in this habitat type could continue at an intensity designed to track changes over time and among areas.

B. Integration

Proposals that group resources and services should include the rationale and benefits of grouping injured resources or services into a single integrated project. Integrated projects are encouraged to involve aspects of multiple categories. For example, multi-species data sets from common areas (e.g., Knight Island) could be integrated with studies conducted on physical processes of lingering oil. Combining studies could provide economies of scale for logistics, chemical analyses and data analyses. Proposers may be asked to revise their proposals to integrate with other projects prior to final Trustee Council consideration or approval.

C. Data Management and Synthesis

The Council will consider proposals that facilitate recovery, utilization and/or enhancement of long-term data series within the oil spill affected areas that can assist the Trustee Council in defining restoration projects and incorporating long-term monitoring programs directly towards restoration.

All investigators are required to work with the Council's Data Management staff to identify and permanently archive datasets (data and metadata) that may be useful for future scientific analysis, and to submit metadata for such datasets to the Council's data archive. As with the acceptance of any public funding source, data collected in the course of a Council-funded project is the property of the *Exxon Valdez* Oil Spill Trustee Council and must be provided at the conclusion of the project. The data policy has been recently updates and a copy of the new data policy can be found at: http://www.evostc.state.ak.us/Policies/data.cfm

D. Reporting Policies

All projects will be required to provide quarterly, annual, and final reports. Detailed reporting procedures can be found at:

http://www.evostc.state.ak.us/Policies/reporting.cfm

Quarterly Reports – Quarterly reports must be provided to the assigned agency Project Manager within 30 days of the end of the quarter. A quarterly report will include the tasks identified in the proposal for each quarter with a summary of the progress made on each.

Quarter 1: Oct. 1 - Dec. 31 Quarter 2: Jan. 1 - March 31 Quarter 3: April 1 - June 30 Quarter 4: July 1 - Sept. 30

Annual reports – Annual reports are due no later than September 1 of each year for which a project receives funding to determine if continuing funding is appropriate. If a project is multi-year, PIs should prepare a brief annual report each year until the project

is completed. The annual report will provide a summary of the work completed over the fiscal year as well as a discussion of any preliminary findings.

Final reports – Draft final reports are due no later than April 15 of the year following the work on a funded project. A final report for a project must be a comprehensive report addressing all the objectives identified over the course of the entire study and shall address the original objectives of the study as identified in the approved proposal and account for any changes in the objectives. All draft final reports are subject to a peer review process.

Please note an updated data and reporting policy that requires 10% of the total project cost to be withheld until all project data and all hard copies of the project's final report are received and accepted by the Executive Director. Details can be found in the Procedures for the Preparation and Distribution of Reports⁸.

Note: If a proposer is requesting funding for publication of project results in a peer-reviewed journal please provide the subject/title of each manuscript, the name of the peer-reviewed journal(s) to which the manuscript will be submitted and the date when the manuscript will be submitted. The Trustee Council expects publication of project results in peer-reviewed journals as soon as scientifically appropriate and logistically possible. The Council has adopted a policy regarding an acknowledgment and disclaimer to be used in publishing results of projects it has supported. For more information, see the Procedures for the Preparation and Distribution of Reports on the EVOSTC website⁹.

E. Project Funding Requirements

Proposals will be accepted for both single-year and multi-year projects. Applicants should include project and budget information that accurately reflects the time commitment necessary to complete their work. Funding for multi-year projects will be reviewed each fiscal year to ensure that the scope of work is progressing and that the project is still meeting the needs of the Trustee Council. Regardless of project length, one fiscal year must be budgeted for the preparation and writing of the project's final report. Project scope cannot extend into the report writing fiscal year unless clearly defined in the project proposal timeline and milestones. In the timeline and budget for the report writing year, please include time and resources necessary to: 1. prepare data for transfer to the Council's office; 2. incorporate all peer review comments; 3. print and bind the final report and; 4. attend and present findings at the Alaska Marine Science Symposium held in Anchorage, Alaska.

VI. Evaluation of Proposals

A. Policy and Legal Review

⁸ http://www.evostc.state.ak.us/Policies/reporting.cfm

⁹ http://www.evostc.state.ak.us/Policies/reporting.cfm

To be eligible for funding, proposals must be designed to restore, replace, enhance or acquire the equivalent of natural resources injured as a result of the oil spill or the reduced or lost services provided by these resources. In addition, proposals must be consistent with the policies contained in the Restoration Plan adopted by the Trustee Council in November 1994 (available at http://www.evostc.state.ak.us or upon request from the Anchorage Restoration Office). Trustee Council staff will also review each proposal for responsiveness to this invitation, completeness and for adherence to the format and instructions contained in this document. A legal and policy review of each proposal and Project Summary submitted pursuant to this Invitation will be conducted by the Alaska Department of Law and the U.S. Department of Justice.

B. Technical and Programmatic Review

All proposals are subject to independent scientific and/or technical review. Proposals and their technical reviews will be examined by appropriate review panels for programmatic suitability. Proposals will be evaluated according to the following criteria and each proposal will be rated on a scale of excellent to poor for each of the selection criteria.

- Project Design/Conceptual Soundness Evaluation of the applicant's understanding
 of the problem and the project's feasibility; how well a project builds on past or
 ongoing research, the extent to which the project will help achieve restoration
 objectives.
- 2. *Timeline and Milestones* Evaluation of the project's timeline and milestones in relation to the scope submitted. Projects with detailed timelines and milestones will be rated higher than those with vague or unclear timelines and milestones.
- 3. Project Management and Implementation Plan Evaluation of the proposed management and implementation of the project, including project team qualifications (education, experience, publications, related work efforts, proposed time commitment, past performance), and availability of facilities or other requirements necessary for project success are available to the proposers.
- 4. *Cost Effectiveness of the Proposal* Evaluation of the appropriateness of the project's cost versus the scope identified. Funding from other sources will be considered.
- 5. Collaboration/Coordination Efforts Evaluation of how well the proposal integrates with both past and ongoing work and provides an interdisciplinary approach.
- 6. *Community Involvement* Determination if the proposer has demonstrated substantial progress toward appropriate consultations and collaboration with local communities.

Note: Proposers may be asked to respond to technical review comments on the proposal or to revise the proposal to address concerns of scientific, technical or programmatic reviews, or to revise the proposal to integrate with other proposals or projects.

C. Science Panel Review

All project proposals will be reviewed by a nine-member Science Panel with funding recommendations made to the Executive Director. The recommendations will be included in the fiscal year work plan.

D. Public Advisory Committee Review

The Trustee Council's Public Advisory Group representing a cross-section of interest groups affected by the oil spill will also review proposals.

E. Public Comment and Funding Decision

The Council's Executive Director will use the recommendations of the Science Panel, the Public Advisory Group and staff to develop a draft work plan containing proposals recommended for Trustee Council consideration as well as any recommended collaboration, coordination and suggested modifications of proposed projects or project scope. This recommendation will be circulated for public comment as the FY10 Draft Work Plan.

F. Trustee Council Decision

All proposals will be forwarded to the Trustee Council for their consideration. The Trustee Council will take into consideration the Executive Director's recommendation, the Science Panel's recommendations and the recommendations of the Public Advisory Group in making its decision as to which proposals will be funded in FY10. Unanimous agreement of all six Council members is required to fund a proposal. Please note that the Trustee Council is not legally bound to abide by recommendations of peer reviewers, science advisors, the Public Advisory Committee or the Executive Director. It is anticipated that funding decisions for FY10 will be made at a Trustee Council meeting in the August 2009

VII. Instructions for Non-Trustee Council Agency Proposals

If you represent a private organization, a non-profit group or a university from a state other than Alaska, you should submit your proposal through the Broad Agency Announcement (BAA) process, as well as to the Trustee Council. In most instances, requirements of state and federal law preclude Council funds from being awarded directly to such organizations. Rather, a competitive solicitation process is required. This solicitation can occur before the Council approves funding for a project through a BAA issued by the National Oceanic and Atmospheric Administration (NOAA). Using the BAA approach, if the Council approves funding for your project, you can begin contract negotiations with NOAA without the further competitive solicitation that is required if you do not apply through the BAA.

As part of this invitation, NOAA is issuing a BAA on behalf of the Council, and is requesting proposals for any of the topics identified in this invitation. To submit your proposal through the BAA process, submit an electronic copy, as well as one paper copy, of your proposal to NOAA at the address below by 5:00 p.m. Pacific Daylight (Seattle) time on XXXXX. This is in addition to the copies of the proposal that must be submitted to the Council. Include the words "submitted under the BAA" as part of your project's title. Faxed proposals will not be accepted.

More information is contained in the Broad Agency Announcement itself (**BAA #XXXXX**), available from NOAA:

Ms. Sharon Kent NOAA, WASC, Acquisition Management Division, WC31 7600 Sand Point Way NE Seattle, WA 98115-6349 Telephone (207) 526-6035 Sharon.S.Kent@noaa.gov

Proposals submitted to NOAA under the BAA will be evaluated by the Trustee Council at the same time as other proposals submitted to the Trustee Council.

VIII. Instructions for Submitting a Proposal

A. What to Submit

The Trustee Council encourages electronic submission of proposals. Please upload a copy of your proposal package to the following website:

http://www.evostc.state.ak.us/proposals/newproposal.cfm

If you do not have access to the internet please submit one paper copy and one electronic copy of the proposal package to:

Restoration Specialist

Exxon Valdez Oil Spill Trustee Council
441 West 5th Avenue, Suite 500

Anchorage, AK 99501-2340
dfg.evos.projects@alaska.gov
Phone: 907-278-8012 or 1-800-478-7745

Electronic versions of the narrative sections of the proposal must be composed using Microsoft Word 2002 (XP) or lower or WordPerfect 9.x or lower, with figures and tables embedded. Please submit Word or WordPerfect documents in one file, labeling them as follows:

Surname of lead PI_FY09_Proposal (e.g., Smith_FY09_Proposal) Surname of lead PI_FY09_Proposal (e.g., Smith_FY09_Budget)

Proposal Format Specifications:

- Times Roman, 12-point
- one-inch margins on all sides
- page numbers
- footer including proposal title and name of lead PI
- summary page must be a stand alone page
- extraneous cover sheets (i.e., often included with applications from universities) are allowed, but must not be integrated into the proposal package

FY10 Invitation: Proposal Application Materials

Please submit the following materials. Templates are attached and are available electronically at http://www.evostc.state.ak.us.

- Signature Form
- Proposal Summary Page
- Project Plan (including references and literature cited)
- CV's/Resumes
- Budget Justification
- Budget Forms

Signature Form

A signed form indicating willingness to abide by the Trustee Council's data and report requirements must be submitted with each proposal.

Proposal Summary Page (one page maximum)

The summary page includes project title, project period, proposer(s) name, affiliation, email address for all principal investigators (PIs), study location, key words, a project abstact (a summary of the proposed work in 150 words or less), the amount of EVOS funding requested (including nine percent for general administration), and the amount of non-EVOS funds contributing to the proposed project.

Project Plan

The project plan must completely describe the work to be performed, including a statement of the problem the proposal is designed to address relevance to the restoration of injured resources and services project objectives, procedural and statistical methods, description of the project area, coordination with other efforts, timeline and milestones, responsiveness to key Trustee Council strategies, and expected publications, reports and conference participation. The project plan is limited to 15 consecutively numbered pages formatted as described. The page limit includes figures and tables. References and literature cited should be attached to the project plan, but do not fall within the 15-page limit. The research plan should include a footnote with the proposal title and lead PI's name.

CVs/Resumes

The resumes of all principal investigators and other senior personnel involved in the proposal must be provided Each resume is limited to two consecutively numbered pages and must include the following information:

- A list of professional and academic credentials, mailing address, and other contact information (including e-mail address).
- A list of up to five of your most recent publications most closely related to the proposed project and up to five other significant publications. Do not include additional lists of publications, lectures, etc.
- A list of all persons (including their organizational affiliations) in alphabetical order with whom you have collaborated on a project or publication within the last four years. If there have been no collaborators, this should be indicated.

Budget Justification

For each fiscal year, and for each budget category (personnel, travel, contractual, commodities, and equipment), list the total amount requested and explain the basis for the request in terms of specific project objectives and activities. Funds from non-EVOS sources, including in-kind contributions, must also be described. In addition, if you are employed by a government agency that has a legislative mandate for the type of work you propose to do, you must explain why the proposed costs are not being covered by your agency's budget. If you are employed by a non-Trustee agency, you must include an explanation of how the indirect costs were calculated.

This justification must not exceed two consecutively numbered pages.

Detailed Budget Form

Submit a budget form outlining expenditures estimated to be necessary for implementing the objectives described in your proposal. This form will be reviewed in conjunction with the budget justification. You may be asked to respond to budget review questions or to revise budgets to address budgetary concerns.

Data Management and Quality Assurance/Quality Control ("QA/QC") Statement Any project involving collecting or processing data, conducting surveys, taking environmental measurements, and/or modeling must provide a statement describing the data acquisition and quality assurance/control processes that will be used to ensure the integrity of the data and match data types to project objectives. This statement must present the information listed below and reference the specific page and paragraph number of the research plan containing the information, or state that the item does not apply to the proposed research. If you are employed by an entity that has published its QA/QC procedures, please cite where the information may be obtained in lieu of a statement. This statement must not exceed three consecutively numbered pages.

- 1. Describe the study design, including sample type(s) and location requirements, all statistical analyses that were or will be used to estimate the types and numbers of physical samples required or equivalent information for studies using survey and interview techniques.
- 2. Discuss the general characteristics of the data that your project is going to be collecting/ producing, such as units of measurement, sample sizes, sampling techniques, specific equipment used for taking measurements/counts, procedures for collecting samples and recording measurements, etc.
- 3. Discuss criteria and procedures for determining acceptable data quality in terms of the activities to be performed, hypotheses to be tested, and analytical instruments to be used. Describe the procedures that will be used in the calibration and performance evaluation of all analytical instruments and all methods of analysis to be used during the project.
- 4. Define each algorithm to be used to convert signals from sensors to observations. Examples of algorithms of interest would be the conversion of pressure to depth and the conversion of integrated voltages to biomass at depth. When conversion algorithms are lengthy (i.e., computer programs) substitute a source location, such as an ftp site, for the full text. In the case of proprietary conversion algorithms, identify

the proprietor and describe how the accuracy of conversion is verified under calibration (see #3 above).

- 5. Describe the procedures for the handling and custody of samples, including sample collection, identification, preservation, transportation, and storage.
- 6. Discuss the procedures for data reduction and reporting, including a description of all statistical methods, with reference to any statistical software to be used, to make inferences and conclusions. Discuss any computer models to be designed or utilized with associated verification and validation techniques

Budget Instructions for Proposals

Budgets will be reviewed for consistency with proposal objectives and for adherence to the budget instructions that follow. It is the responsibility of the proposer to submit a budget that is both reasonable and justifiable. Proposers may be asked to respond to budget review questions, or to revise their budgets to address budgetary concerns. General costs may be submitted until final project negotiations are complete. The scope of the proposal may be modified during negotiations to include more than a single resource or service if applicable.

Instructions

A budget form detailing the amount of funding requested from the Trustee Council for each federal fiscal year must be submitted as part of the proposal package. The form is in addition to the budget justification that is also required as part of the proposal package.

There are two sets of budget forms. Use only the set that applies to you. One set is used for proposals submitted through Trustee agencies. A second set is for those submitted through non-Trustee organizations.

Blank forms (Excel format) are available on the EVOSTC website at http://www.evostc.state.ak.us/Proposals/Downloadables/FY09_budget_Froms.xls For assistance completing budget forms, please contact the EVOSTC Administrative Manager via email (lynette.schroeder@alaska.gov) or phone at (907) 278-8012.

Notes:

- Fiscal Year: The Trustee Council operates on the federal fiscal year (FY). The FY10 budget covers the period October 1, 2008 through September 30, 2009. Your budget must address all fiscal years for which funds are requested.
- Project Number: The EVOS Trustee Council office assigns numbers to proposals.
- Rules for Numbers: Show costs in thousands of dollars (e.g. show \$86,423 as \$86.4. When the number "5" follows the digit to be rounded, round to the higher amount. (e.g. round \$26,752 to \$26.8).
- Positions: Report the number of positions as full-time equivalent positions (FTE), by converting the number of months to a decimal. For example, show six months (half of a year) as .5 FTE.
- Indirect Costs: Indirect costs are costs incurred for common or joint purposes that cannot be specifically identified with a particular project. Examples of indirect costs are lease costs,

copying, phones, faxes, internet access, equipment maintenance, vehicle leasing, training, payroll and personnel functions, clerical support, administrative supervision, accounting, auditing and mail and messenger services. These items should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained.

- Trustee Agencies (Alaska Department of Environmental Conservation, Alaska Department of Fish and Game, Alaska Department of Natural Resources, National oceanic and Atmospheric Administration, US Forest Service and US Department of the Interior) should cover these costs through the Trustee Council's general administration (GA) formula. The GA Rate is 9% of each project's total direct costs.
- O Non-Trustee organizations should cover these costs through their indirect cost rate. These rates will be reviewed on a project-by-project basis. However, proposers affiliated with the University of Alaska must use the indirect rate agreed to by the University for Trustee Council-funded projects. The agreement provides for an indirect cost rate of 25% of total direct costs (TDC). TDC includes all direct costs except (1) equipment for which ownership resides with the University and (2) subcontract costs in excess of \$25,000. Regarding subcontracts, the indirect rate is 25% of the first \$25,000 of each subcontract, plus 5% of each subcontract's costs in excess of \$25,000 and less than \$250,000, plus 2% of each subcontract's costs in excess of \$250,000.
- Direct Costs: Direct costs are costs specifically identified with a particular project. Examples of direct costs are compensation of employees for the time spent executing the project, acquisition of materials or equipment for purposes outlined in the research plan, project-specific travel and contractual services specified in the research plan. For most projects, the following direct costs should be included:
- NEPA (National Environmental Policy Act) Compliance: All projects funded by the Trustee Council must comply with NEPA. Due to the nature of many EVOS-funded projects, most projects receive a categorical exclusion (CE). However, for a few projects, an environmental assessment (EA) may be required. If a project will likely require an EA, include the costs for preparing the EA in the project budget.
- Community Involvement Include funds for the PI or his/her representative to exchange information with local communities as appropriate.
- Report Writing: A final report is due April 15 of the final year of the project. PIs may be required to provide an oral briefing of their findings to the Trustee Council. Final reports are required upon project completion. Identify in the description field on the appropriate budget forms any funds that have been included for report writing and preparation. See the Procedures for the Preparation and Distribution of Reports on the EVOS TC website.
- Manuscript Preparation and Publication: The Trustee Council may contribute a maximum of \$1,000 in page costs per project and 1.5 months of personnel time per manuscript toward

publication of study results in the peer reviewed literature. Specify in your research plan the subject/title of each manuscript, the name of the peer reviewed journal(s) to which you plan to submit and anticipated date of submission.

Budget Form Explanations

Download budget forms and detailed instructions from: http://www.evostc.state.ak.us/Policies?Downloadables/budget forms.xls

- Trustee Agency Form, Multi Trustee Agency Summary, Form 2A
 Use this form if multiple Trustee agencies are cooperating on a project. If only one Trustee agency is involved, this form is not required.
- Trustee Agency Form, Summary, page 1 of 4, Form 3A
 This form summarizes the proposed expenditures contained on the Trustee Agency Detail forms.
- Trustee Agency Form, page 2 of 4, Personnel & Travel Detail: Form 3B "Personnel" means compensation of employees, including benefits, for the time and effort devoted to the execution of the project. "Travel" means the cost of transportation by public conveyance and per diem. All travel must be budgeted at round-trip economy rates.
- Trustee Agency Form, pages 3 of 4, Contractual and Commodities Detail, Form 3B "Contractual" covers such items as vessel charters, equipment rental or lease, professional services, communications and printing. "Commodities" are expendable supplies with an estimated life of less than one year and a unit value of less than \$1,000.
- Trustee Agency Form page 4 of 4, Equipment Detail, Form 3B "Equipment" means non-expendable items having an estimated life of more than one year and a unit value greater than \$1,000. Equipment previously purchased by the Trustee Council should be used to the maximum extent possible. Before requesting funds for new equipment, contact your Trustee Agency project manager to determine if suitable equipment is already available. Equipment items with an original per unit cost of \$5,000 or more belong to the acquiring Trustee agency on behalf of the Council. At the end of the project, the Council's Executive Director shall determine if such equipment shall be used for another Council project or if the item shall remain with the acquiring agency. For more information, download the Financial Procedures from the EVOSTC website.
- Non Trustee Organization Form, page 2 of 4, Personnel & Travel Detail, Form 4B "Personnel" means compensation of employees, including benefits, for the time and effort devoted to the execution of the project and includes tuition for students. "Travel" means the cost of transportation by public conveyance and per diem. All travel must be budgeted at round-trip economy rates.

- Non-Trustee Organization Form, page 3 of 4, Contractual & Commodities Detail, Form 4B.
 - "Contractual" covers such items as vessel charters, equipment rental or lease, professional services, communications and printing. "Commodities" are expendable supplies with an estimated life of less than one year and a unit value of less than \$1,000.
- Non Trustee Organization Form, page 4 of 4, Equipment Detail, Form 4B "Equipment" means non-expendable items having an estimated life of more than one year and a unit value greater than \$1,000. Equipment previously purchased by the Trustee Council should be used to the maximum extent possible. Before requesting funds for new equipment, contact your Trustee Agency project manager to determine if suitable equipment is already available. All equipment purchased remains the property of the Trustee Agency until the end of the project, at which time the agency may, under certain circumstances, transfer the equipment title to the contractor. If the original per unit cost of the equipment was \$5,000 or more, the Council's Executive Director has the authority to direct that the equipment be transferred to another Trustee Council-funded project, rather than remaining with the Trustee Agency or being transferred to a contractor.

PROPOSAL SIGNATURE FORM

THIS FORM MUST BE SIGNED BY THE PROPOSED PRINCIPAL INVESTIGATOR AND SUBMITTED ALONG WITH THE PROPOSAL. If the proposal has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Proposals will not be reviewed until this signed form is received by the Trustee Council Office.

By submission of this proposal, I agree to abide by the Trustee Council's data policy (Trustee Council Data Policy*, adopted March 17, 2008) and reporting requirements (Procedures for the Preparation and Distribution of Reports**, adopted June 27, 2007).

PROJECT TITLE:	with the	
Printed Name of PI:		
Signature of PI:		Date:
Email:	Phone:	
Mailing Address		
City, State, Zip		
Printed Name of PI:		
Signature of PI:		Date:
Email:	Phone:	
Mailing Address		
City, State, Zip		
Printed Name of PI:		
Signature of PI:		Date:
Email:	Phone:	
Mailing Address		
City, State, Zip	 	

^{*} www.evostc.state.ak.us/Policies/data.cfm
** www.evostc.state.ak.us/Policies/reporting.cfm

FY10 INVITATION PROPOSAL SUMMARY PAGE

Project Title: Project Period: (Please use the federal fiscal years of October 1 – September 30) **Primary Investigator(s):** (List each investigator and their affiliation) Study Location: (Be specific as possible) Abstract: **Estimated Budget: EVOS Funding Requested:** (breakdown by fiscal year and must include 9% GA) Non-EVOS Funds to be used: (breakdown by fiscal year) Date:

(NOT TO EXCEED ONE PAGE)

PROJECT PLAN

I. NEED FOR THE PROJECT

A. Statement of Problem

Identify the problem the project is designed to address. Describe the background and history of the problem. Include a scientific literature review that covers the most significant previous work history related to the project.

B. Relevance to 1994 Restoration Plan Goals and Scientific Priorities

Discuss how the project will evaluate the hypotheses or questions posed in the Invitation. Describe the results you expect to achieve during the project, the benefits of success as they relate to the topic under which the proposal was submitted, and the potential recipients of these benefits. Discuss the utility of the research proposed for addressing the objectives described in the invitation.

II. PROJECT DESIGN

A. Objectives

List the objectives of the proposed research, the hypotheses being tested during the project, and briefly state why the intended research is important.

B. Procedural and Scientific Methods

For each objective listed in A. above, identify the specific methods that will be used to meet the objective. In describing the methodologies for collection and analysis, identify measurements to be made and the anticipated precision and accuracy of each measurement and describe the sampling equipment in a manner that permits an assessment of the anticipated raw-data quality.

If applicable, discuss alternative methodologies considered, and explain why the proposed methods were chosen. In addition, projects that will involve the lethal collection of birds or mammals must comply with the Trustee Council's policy on collections, available at www.evostc.state.ak.us/Proposals/policies.htm.

C. Data Analysis and Statistical Methods

Describe the process for analyzing data. Discuss the means by which the measurements to be taken could be compared with historical observations or with regions that are thought to have similar ecosystems. Describe the statistical power of the proposed sampling program for detecting a significant change in numbers. To the extent that the variation to be expected in the response variable(s) is known or can be approximated, proposals should demonstrate that the sample sizes and sampling times (for dynamic processes) are of sufficient power or robustness to adequately test the hypotheses. For environmental measurements, what is the measurement error associated with the devices and approaches to be used?

D. Description of Study Area

Where will the project be undertaken? Describe the study area, including if applicable decimally-coded latitude and longitude readings of sampling locations or the bounding coordinates of the sampling region (e.g., 60.8233, -147.1029, 60.4739, -147.7309 for the north,

east, south and west bounding coordinates). The formula for converting from degree minute seconds to decimal degrees is: degrees + (minutes/60) + (seconds/3600) so $121^{\circ}8'6'' = 121. + (8/60) + (6/3600) = 121.135$

E. Coordination and Collaboration with Other Efforts

Indicate how your proposed project relates to, complements or includes collaborative efforts with other proposed or existing projects funded by the Trustee Council. Describe any coordination that has taken or will take place (with other Council funded projects, ongoing agency operations, activities funded by other marine research entities, etc.) and what form the coordination will take (shared field sites, research platforms, sample collection, data management, equipment purchases, etc.). If the proposed project requires or includes collaboration with other agencies, organizations or scientists to accomplish the work, such arrangements should be fully explained and the names of agency or organization representatives involved in the project should be provided. If your proposal is in conflict with another project, note this and explain why.

III. SCHEDULE

A. Project Milestones

For each project objective listed above (II.A.), specify when critical project tasks will be completed. Project reviewers will use this information in conjunction with annual project reports to assess whether projects are meeting their objectives and are suitable for continued funding. Please format your information like the following example.

- **Objective 1.** Develop sediment-core chronologies in lake-productivity indicators. *To be met by September 2010*
- Objective 2. Compare sediment data corresponding to the past few decades to salmon population statistics.

 To be met by December 2010
- Objective 3. Reconstruct time-series of lake productivity, input of marine-derived nutrients, and salmon escapement.

 To be met by April 2011

B. Measurable Project Tasks

Specify, by each quarter of each fiscal year, when critical project tasks (for example, sample collection, data analysis, manuscript submittal, etc.) will be completed. This information will be the basis for the quarterly project progress reports that are submitted to the Trustee Council Office. Please format your schedule like the following example.

FY 07, 1st quarter (October 1, 2009-December 31, 2009)

October: Project funding approved by Trustee Council

FY 07, 3rd quarter (April 1, 2010-June 30, 2010)

April 30: Core Upper Russian Lake

May 30: Core Delight Lake

FY 07, 4th quarter (July 1, 2010-September 30, 2010)

September 1:

Core Hidden Lake

FY 08, 1st quarter (October 1, 2010-December 31, 2010)

December 15:

Finish lab analyses of all three lakes

FY 08, 2nd quarter (January 1, 2011-March 31, 2011)

(dates not yet known)

Annual Marine Science Symposium (applicable only to final year

of project)

FY 08, 3rd quarter (April 1, 2011-June 30, 2011)

April 15

Submit final report. This will consist of a draft manuscript for

publication to the Trustee Council Office.

FY 08, 4th quarter (July 1, 2011 – September 30, 2011)

June 30

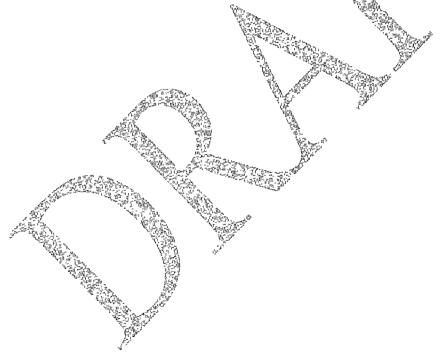
Respond to peer review comments

July 30

Secure final approval, acceptance of final report

September 30

Publication of final report complete, delivered to ARLIS



APPENDIX A – COMMUNITY CONTACT INFORMATION

The following contact information is intended to be used by applicants to find initial contacts in the communities:

Native Village of Afognak

Nancy Nelson, Chairperson 115 Upper Mill Bay Rd. Suite 201 Kodiak, AK 99615 907-486-6357 melissa@afognak.org

Native Village of Akhiok

Rolin M Amodo, President P.O. Box 5030 Akhiok, AK 99615-5030 907-836-2313

Chenega IRA Council

Larry Evanoff, President PO Box 8079 Chenega Bay, AK 99574-8079 (907) 573-5132 chenegaira@aol.com

Chignik Lake Village Council

Virginia Aleck, President P.O. Box 33 Chignik Lake, AK 99548 907-845-2212 chigniklakecouncil@yahoo.com

Chignik Bay Tribal Council

Roderick Carlson, President P.O. Box 50 Chignik Bay, AK 99564 907-749-2445 cbaytc@aol.com

Native Village of Chignik Lagoon

Clemens Grunert, President P.O. Box 09 Chignik Lagoon, AK 99565 907-840-2281 clvc101@aol.com

City of Cordova

Tim Joyce, Mayor P.O. Box 1210 Cordova, AK 99574 907-424-6200 cityclerk@cityofcordova.net

Traditional Village of Eyak

Robert Henrichs, President P.O. Box 1388 Cordova, AK 99574-1388 907-424-7738 reception@nyeyak.org

City of Homer

James C. Hornaday, Mayor 491 East Pioneer Aye. Homer, AK 99603 907-235-8121

Native Village of Karluk

Alicia Reft, President P.O. Box 22 Karluk, AK 99608 907-241-2218

Kodiak Island Borough

Jerome Selby, Mayor 710 Mill Bay Road Kodiak, AK 99615 907-486-9301 njavier@kodiakak.us

City of Kodiak

Carolyn Floyd, City Clerk 710 Mill Bay Road Kodiak, AK 99615 907-486-8636 clerk@city.kodiak.ak.us

Larsen Bay Tribal Council

Mary Nelson, President P.O. Box 50 Larsen Bay, AK 99624 907-847-2207/2276

City of Larsen Bay

Allen Panamaroff Sr., Mayor P.O. Box 8 Larsen Bay, AK 99624-0008 907-847-2211 cityoflarsenbay@aol.com

Nanwalek IRA Council

Emilie Swenning, President P.O. Box 8028 Nanwalek, AK 99603-8028 907-281-2274 nanwalek@yahoo.com

Port Lions Traditional Tribal Council

Ivan D. Lukin, President P.O. Box 69 Port Lions, AK 99550 907-454-2234 NVOPL@starband.net

Native Village of Tatitlek

Sue Johnson, President & CEO P.O. Box 17 Tatitlek, AK 99677 907-325-2311 suejohnson1@starband.net

Old Harbor Tribal Council

Conrad Peterson, President P.O. Box 62 Old Harbor, AK 99643 907-286-2215 ohtribal@hotmail.com

Ouzinkie Tribal Council

Daniel Ellanak, President P.O. Box 130 Ouzinkie, AK 99644 907-680-2259 ouzclerk@starband.net

City of Seldovia

Richard Wyland, Mayor Drawer B Seldovia, AK 99663 907-234-7643 info@cityofseldovia.com

City of Seward

Clark Corbridge, Mayor P.O. Box 167 Seward, AK 99664 907-224-4046 clerk@cityofseward.net

Seldovia Village Tribe IRA

Crystal Collier, CEO Drawer E Seldovia, AK 99663 907-234-7898 syt@svt.org

City of Soldotna

David Carey, Mayor 177 North Birch Street Soldotna, AK 99669 907-262-9107 tfahning@ci.soldotna.ak.us

City of Valdez

Bert Cottle, Mayor P.O. Box 307 Valdez, AK 99686 907-835-4313 spierce@ci.valdez.ak.us

City of Whittier

Lester Lunceford, Mayor P.O. Box 608 Whittier, AK 99693 907-472-2327 admin@ci.whittier.ak.us