

Alaska Minerals Information At Risk Program: Mining and Land Records Integration Completion **FY2005 Request: \$500,000**
Reference No: 34095

AP/AL: Appropriation **Project Type:** Information Systems
Category: Development
Location: Statewide **Contact:** Richard McMahon
House District: Statewide (HD 1-40) **Contact Phone:** (907)269-8836
Estimated Project Dates: 07/01/2004 - 06/30/2006

Brief Summary and Statement of Need:

This project seeks to expand opportunities for exploration and development of mineral resources in Alaska. It will develop a new public interface to a wide range of multi-agency information on mineral resources and mining properties via the Internet. Agency business practices are being modified to assure that timely updates are rapidly incorporated into the system.

Funding:	<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>Total</u>
Fed Rcpts	\$500,000						\$500,000
Total:	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Additional Information / Prior Funding History:

SLA02/CH1 - \$650,000 CIP - Completion of Core GIS, new information system for display of mineral properties.
SLA01/CH61 - \$700,000 CIP Deliverables for public access, reduce mining application adjudication time, provide internet-based mapping capability.
SLA00/CH135 - \$250,000 CIP Deliverables for cycle time reduction, begin imaging & GIS components.
FY 00: \$310,000 RPL 10-0-4013 - Deliverables for land records Website.
FY 99: \$125,000 RPL 10-9-4002 - Project Initiation.

Project Description/Justification:

This project is part of the multi-agency effort to protect Alaska's mineral information sources, particularly those at risk of being lost or compromised. This component addresses several components which taken together constitute a new Mining Claims Information System, a new bibliographic indexing and display system, and a well organized Internet Portal for presenting a wide range of mining and minerals related information and maps.

The Mining Industry in Alaska has exceeded a gross of 1 billion dollars in the past several years. A key underlying engine for this industry is the mineral and property law foundation that moves mineralized properties from discovery, to claim to lease. Record systems are integral to these institutions.

There are several phases to the portal project.

This project seeks to assure technical system compatibility between other agency projects undertaken with this federal funding including work conducted on geologic and geo-physical information, bibliographic work undertaken by USGS, BLM, DGGs, and the Alaska Resources Library. Project will also assure adequate marketing of the total effort to assure wide spread knowledge and use of the information system.

The project will bring on-line images of both historic and current mining property documents. Historic property documents are being scanned with assistance from the University (KARDEX system). Current mining property documents are being made available via the State Recorder's Office. <http://akrecorder.info>

Detailed information is available from the DNR – USGS Agreement.

- o *Does project meet constitutional or statutory responsibility?* Yes, supports the constitutional requirement for the state to inventory and make available information on mineral resources and their potential.
- ? *Does project address a life, health or safety issue?* No life, health or safety issues.
- ? *Does project reduce state operating costs?* Yes, state agencies involved with permit efforts related to mining development will utilize the site to gain access to scientific, environmental, and land status information.
- ? *Does project generate revenue for the state?* An overarching goal for the project is to attract investment capital in the mining sector, and assure a balanced approach for minerals development. Gross state product for this sector is currently in excess of \$1 billion.
- ? *Does project leverage private sector or local funds?* Yes, several information resources from private and native corporations have been released to the public domain for inclusion with this database.
- ? *Does project create on-going private sector jobs?* To the extent minerals developments utilize the information systems and property rights systems managed by state and federal agencies, private sector jobs are created.
- ? *Does project facilitate transfer of responsibility to local or private sector?* If so, explain how and the time frames for implementation. No responsibilities are planned for transfer as a result of this project.

Why is this Project Needed Now:

This project represents a critical step of uniting several federal and state efforts related to minerals information. See <http://akgeology.info> for a summary view of these many projects.

Annual Operating and Maintenance Costs:

Any increased expenses from new capabilities will be offset by operational savings from new efficiencies introduced by this project. Operational efficiencies have been gained with each phase, including the placement of a new mining claims information system on the Internet, <http://akmining.info>, and building a preliminary web portal to multi-agency minerals information at <http://akgeology.info>.

Project Support:

The US Geological Survey is the primary federal cooperater on this project. One of the primary goals of this initiative is to create public land record systems that respond to the needs of the public. This initiative seeks to use electronic networks and shared technical solutions to common problems to create a more integrated approach to state and federal public access. The GIS Component offers excellent potential to all state agencies to apply GIS technology to meet their mandates. Additional public support is provided through ARLIS (Alaska Resources and Land Information Services), Alaska Miners Association, the DNR Division of Geological and Geophysical Survey (DGGs), US Geological Survey, the minerals group within the Region 10 US Forest Service, and the University of Alaska Fairbanks.

Project Opposition:

None known.

Specific Spending Detail:

USGS-DNR Portal Project	FY04	FY05
Federal Funds	\$375.0	\$500.0
In-Kind GF Match (IRM Component.)	\$0	\$75.0

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FY05 Project Breakdown

100:	Personal Services	\$ 375.0	Analyst Programmers -includes \$75.0 IRM in-kind match
200:	Travel	\$ 10.0	Interagency Coordination, Fbks and Jnu Communities
300:	Contractual	\$ 150.0	Contracting Support for Portal Implementation
400:	Supplies	\$ 40.0	Hardware and Software Support
500:	Equipment:	\$ 0.0	

Limited State in-kind matching funds are planned for FY2005; a total of \$75.0. No incremental GF funds are needed to meet this match requirement, it is included in the IRM budget general operations.