

Agency: Commerce, Community and Economic Development

Grants to Unincorporated Communities (AS 37.05.317)

Grant Recipient: Pedro Bay

Project Title:

Project Type: Planning and Research

Pedro Bay - Pedro Bay Hydroelectric Feasibility and Planning

State Funding Requested: \$75,000

House District: 36 / R

Future Funding May Be Requested

Brief Project Description:

To complete reconnaissance and feasibility studies for hydroelectric development in Pedro Bay.

Funding Plan:

Total Cost of Project: \$1,432,213

	<u>Funding Secured</u>		<u>Other Pending Requests</u>		<u>Anticipated Future Need</u>	
	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>
Federal Funds	\$29,500	2009			\$230,000	
State Funds					\$1,100,000	
Local Funds	\$3,062	2009				
Total	<u>\$32,562</u>				<u>\$1,330,000</u>	

Explanation of Other Funds:
 It is hoped that a combination of federal and state funding can be acquired to cover this phase of the project. As a preliminary estimate, the cost is projected to be in the realm of \$1,330,000.

Detailed Project Description and Justification:

Reconnaissance Study - engineering consultant will conduct field reconnaissance of three identified hydro resources, and provide a letter report to include recommendation for preferred resource for further study. Feasibility Study - engineering consultant will prepare preliminary designs, collect additional field data, and develop conceptual designs to include selection of facility sites, survey and measurement of flow resources, geotechnical investigation, integration with existing diesel generation, estimate of development costs, permitting requirements, estimate of available energy and capacity offered by the project, and assessment of benefits to community.

Project Timeline:

Recon Study- fieldwork in Spring 2009, study to be summer 2009, will be covered with local & other federal funding that Pedro has been secured (\$32,562). Feas. Study - It is hoped that add'l fieldwork can begin in fall 2009, the study to be completed by year-end. Funding for this phase is being requested from the State in the amount of \$69,651. Design, Permitting, & Construction - design & permitting would likely commence in 2010 as add'l funding is secured, constr. anticipated in 2011.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Pedro Bay Village Council & Electric Utility

For use by Co-chair Staff Only:

\$75,000
Approved

6:11 PM 5/4/2010

Grant Recipient Contact Information:

Name:	John Baalke, Administrator
Address:	PO Box 47020 Pedro Bay, AK 99647
Phone Number:	(907)850-2225
Email:	thecouncil@pedrobay.com

Has this project been through a public review process at the local level and is it a community priority? Yes No

**Pedro Bay Reconnaissance and Feasibility Study of Hydroelectric Potential
BUDGET INFORMATION**

BUDGET SUMMARY:

Milestone or Task	Federal Funds	State Funds	Local Match Funds (Cash)	Local Match Funds (In-Kind)	Other Funds	TOTALS
1 Reconnaissance	\$29,500.00		\$3,062.00			\$32,562.00
2 Feasibility Study		\$69,651.00				\$69,651.00
3						\$0.00
4						\$0.00
5						\$0.00
6						\$0.00

BUDGET CATEGORIES:	Milestone # or Task #	1	2	3	4	5	6 TOTALS
Direct Labor and Benefits		\$1,757.00	\$2,346.00				\$4,103.00
Travel, Meals, or Per Diem		\$1,035.00	\$1,035.00				\$2,070.00
Equipment		\$270.00	\$270.00				\$540.00
Supplies		\$0.00	\$0.00				\$0.00
Contractual Services		\$29,500.00	\$66,000.00				\$95,500.00
Construction Services		\$0.00	\$0.00				\$0.00
Other Direct Costs		\$0.00	\$0.00				\$0.00
TOTAL DIRECT CHARGES		\$32,562.00	\$69,651.00	\$0.00	\$0.00	\$0.00	\$102,213.00

Total Project: \$102,213.00