

Project Title: Yakutat Regional Aquaculture Association, Inc. - Yakutat Salmon Incubation Facility & Production Development

TPS Number: 62983

Priority: 1

Agency: Commerce, Community and Economic Development
Grants to Named Recipient (AS 37.05.316)

Federal Tax ID: 27-5373505

Grant Recipient: Yakutat Regional Aquaculture Association, Inc.

FY2016 State Funding Request: \$1,500,000

One-Time Need

Brief Project Description:

Yakutat Regional Aquaculture Association salmon incubation facility and production development for up to 20 million eggs, fish culture equipment, thermal marking equipment, broodstock and saltwater rearing equipment for a chum and/or pink project in the Yakutat region.

Funding Plan:

Total Project Cost:	\$1,600,000
Funding Already Secured:	(\$100,000)
FY2016 State Funding Request:	<u>(\$1,500,000)</u>
Project Deficit:	\$0

Explanation of Other Funds:

Received a FY2014 State Funding Request for \$100,000 for Comprehensive Salmon Plan Update, Planning, Data Gathering and Office Set Up.

Received an appropriation from the City and Borough of Yakutat for \$200,000.

The Yakutat region receives a salmon enhancement tax. The SET tax is covering operational expenses of the association.

Detailed Project Description and Justification:

The Yakutat Regional Aquaculture Association (YRAA) is working on the water testing and sampling for submitting a hatchery permit and negotiating for a land lease. We have split the funding request into several major categories.

SITE DEVELOPMENT & HATCHERY FACILITY:

Site Development	\$ 70,000
Hatchery Incubation Building	\$500,000

This would provide an incubation facility for up to 20 million chum and/or pink eggs in the community for a bare bones, basic facility.

WATER SUPPLY & DRAIN SYSTEMS \$ 75,000

This component of funds is necessary in all scenarios of project development to provide intakes to hillside spring, piping and installation, tank, valves, fittings and drain system to saltwater to provide the water source and flow necessary for the incubation and rearing of up to 20 million eggs.

FISH CULTURE EQUIPMENT

Incubators	\$175,000
Aluminum raceways	\$ 12,000
Distribution piping, gas stabilization equipment	\$ 4,000
Installation	\$ 19,000

The fish culture equipment provides the raceways, incubators and installation to provide for up to 20 million eggs from broodstock collection through rearing until saltwater release lifecycle stage.

PROCESS WATER TEMPERING SYSTEM (THERMAL MARKING) \$ 50,000

The Department of Fish and Game has already stated in the management feasibility analysis prepared for YRAA that all chums and pinks incubated and released in the Yakutat region must be thermally otolith marked. This is the equipment necessary for to provide the thermal marking required.

SALTWATER REARING (WAVEMASTER PENS & ANCHORING SYSTEMS) \$110,000

Wavemaster steel net pens are the standard in the industry at this time and have an anticipated service life of 30 to 50 years. Adequate anchoring and mooring systems of the net pens are essential to the investment of the net pens and protection for the fish being reared.

MOBILIZATION & SUPPORT FOR SALTWATER REARING (Feed barge & Skiff) & 75,000

This is additional support components necessary for the remote release rearing of fry. A small mobile barge with a fully enclosed storage building is necessary for storing the feed at the net pen location. It is not feasible to move the feed necessary on a daily basis during bad weather in the winter and spring months. The skiff is necessary to move the barge into location, provide transportation to and from the location for the technicians feeding the fish and monitoring growth.

BROODSTOCK DEVELOPMENT \$360,000

This is the estimated cost YRAA would need to pay DIPAC or another aquaculture association for chum broodstock in the Yakutat area. Alaska Dept of Fish and Game has acknowledged in the management feasibility analysis that there is not a chum broodstock source in the Yakutat region. DIPAC's production committee has provided a recommendation that they would be willing to work with YRAA under several conditions, including a letter from ADF&G that would allow the use of DIPAC eggs in the Yakutat region and a hatchery permit and facility necessary for a self-sustaining program. This grant would greatly facilitate the components necessary to meet DIPAC's conditions for receiving broodstock.

SUPPORT FACILITIES/LAB \$150,000

Lab space will be necessary to read the otolith marks of the returning fish as will be required by the Dept. This space will also provide basic office space necessary for administration of the program and research as may be needed.

Project Timeline:

We expect the funds will be spent over the time period of 2015-2019. Some of the equipment necessary can take up to a year for delivery after ordering such as the incubators. Permitting is not completed but is in the process.

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

Yakutat Regional Aquaculture Association

Grant Recipient Contact Information:

Name: Kathy Hansen or Sheri Nelson
Address: PO Box 153
Yakutat, AK 99689
Phone Number: (907)586-6652
Email: seafa@gci.net / YakutatRAA@gmail.com

This project has been through a public review process at the local level and it is a community priority.

CITY & BOROUGH OF YAKUTAT, ALASKA

RESOLUTION 12-198

**A RESOLUTION OF THE CITY AND BOROUGH OF YAKUTAT ASSEMBLY
SUPPORTIING THE YAKUTAT REGIONAL AQUACULTURE ASSOCIATION, INC.
EFFORT TO IMPROVE AND ENHANCE THE YAKUTAT REGION'S SALMON AND
PROVIDE ECONOMIC BENEFITS TO THE COMMUNITY OF YAKUTAT**

WHEREAS, Yakutat Regional Aquaculture Association, Inc. (YRAA) has met the State of Alaska statutory requirements and been recognized by the Commissioner of Fish and Game as an aquaculture association in the Yakutat area for salmon enhancement and rehabilitation purposes in accordance with the provisions of AS 16.10.375-470; and

WHEREAS, the Commissioners recognition of YRAA entails the formation of the Yakutat Regional Planning Team (RPT) consisting of three members from YRAA and three members from the Department of Fish and Game appointed by the Commissioner to work together for planning and implementing projects in the Yakutat area; and

WHEREAS, Yakutat is facing the real possibility of the Hubbard Glacier causing a washout of the Situk River system which could devastate the historical local fishery; and

WHEREAS, enhancement has been shown to be beneficial in Southeast Alaska and Prince William Sound in economic benefits to the commercial fishermen, community benefits in increased jobs in fishing, processing and hatchery operations; and

WHEREAS, YRAA has a long-term goal of providing enhancement opportunities in order to provide a sufficient livelihood (\$50K - \$100K per permit) that locals can remain in Yakutat without moving or fishing in other regions;

NOW THEREFORE BE IT RESOLVED: that the City and Borough of Yakutat supports enhancement of the Yakutat region by the Yakutat Regional Aquaculture Association, Inc.

FURTHER RESOLVED, the City & Borough of Yakutat Mayor and City staff will cooperatively work with the Yakutat Regional Aquaculture Association, Inc. to pursue and accomplish these goals.

PASSED AND APPROVED by a duly constituted quorum of the Borough Assembly this 1 day of November, 2012



Cindy Bremner, Mayor

ATTEST:



Cathy Bremner, City Clerk

