

PI: Southeast Conference (SEC) GAP, Sections B-D  
 Project Title: 687.PID.07 Equipment & Technology  
 EDA BBB Phase 2 - Alaska Mariculture Cluster  
 Project Number: 07-79-07904

Component Project #7 - Equipment and Technology

Timeline: October 1, 2022 - September 30, 2026

Description of Goals/Objectives/Tasks	2022	2023				2024				2025				2026			Responsible Party
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
<b>GOAL: Grow a \$100 million per year mariculture industry in 20 years; in next 4 years, implement 8 component projects funded by \$49 million EDA BBB grant.</b>																	
<b>Component Project #7: Equipment and Technology</b>																	
<b>Project 7-1: Develop feasibility studies to assess use of existing facilities for mariculture processing and expanding facilities</b>																	
Task 7-1-1: Develop and advertise RFP for feasibility studies for mariculture processing facilities																	SEC
Task 7-1-2: Score and award proposals																	SEC
Task 7-1-3: Feasibility studies completed to inform development of additional mariculture processing capacity																	Contractors
<b>Project 7-2: Equip existing facilities, hatcheries and nurseries with modern equipment</b>																	
Task 7-2-1: Develop and advertise RFP for hatchery/nursery equipment purchase proposals																	SEC
Task 7-2-2: Hire contractor and conduct prefeasibility analyses to score hatchery/nursery proposals																	SEC, Contractor
Task 7-2-3: Establish security agreements and procure hatchery/nursery equipment																	SEC
<b>Project 7-3: Assess seaweed and shellfish demand, production and distribution</b>																	
Task 7-3-1: Develop and advertise RFP for mariculture seed supply and demand research																	SEC
Task 7-3-2: Regular reports produced on mariculture seed supply and demand																	SEC, Contractors
Task 7-3-3: Develop RFP for mariculture seed supply services																	SEC
Task 7-3-4: Informed by supply and demand research, select contractors for seed supply services																	SEC, Contractors
Task 7-3-5: Provide mariculture seed to farmers in exchange for data on seed performance																	SEC, Contractors
<b>Project 7-4: Develop methods for developing and farming new species, including multiple shellfish species in varying levels of commercial viability</b>																	
Task 7-4-1: Develop and advertise RFP for research projects on new mariculture species																	SEC
Task 7-4-2: Score and award proposals																	SEC
Task 7-4-3: Complete research on new mariculture species																	Contractors
<b>Project 7-5: Explore/validate new methods and equipment for toxin testing for Alaska mariculture</b>																	