

Proposal #: 20PIR006-011

Project Title: Building Resiliency in Hawaiian Fishing Communities: A Pilot Project Assessing the Feasibility of Developing a Local Fishmeal Plant

Applicant: Hawaii Feed & Fertilizer LLC

Priority Addressed Priority #2 – Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting

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Abstract: Building Resiliency in Hawaiian Fishing Communities: A Pilot Project Assessing the Feasibility of Developing a Local Fishmeal Plant will progress over 18 months and consist of creating and testing fishmeal made from Hawaiian fish processing waste (FPW) which will be utilized to produce locally sourced aquafeed. Proposed activities will take place on Hawaii, Oahu, and in Hafnarfjordur, Iceland. Hawaii Feed & Fertilizer LLC is requesting \$220,000 to perform the proposed activities over this period. The proposed project addresses Priority #2 of the 2020 Saltonstall-Kennedy Competition's Funding Opportunity; Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting.

Summary of potential commercial benefits to the fishing community of the research results:

One of the greatest barriers to the growth of aquaculture in Hawaii is the high cost of imported aquafeed. Producing an aquafeed locally in Hawaii from locally sourced ingredients, including Hawaiian fishmeal, will remove the chief barrier to aquaculture's growth and sustainability throughout Hawaii. In addition, surplus fishmeal and oil will be sold to commodity buyers for other local products such as pet feed, fish bait, and fertilizer.
