

NOTICE OF INTENT TO AWARD

This notice is not a request for applications. This provides public notice of the Bureau of Reclamation's intention to fund the following project activities without full and open competition.

OPPORTUNITY NUMBER	BOR-LC-20-N003										
PROJECT TITLE	Genetic Monitoring of Native Fish										
RECIPIENT	Wayne State University										
ANTICIPATED FEDERAL AMOUNT	\$2,500,000										
STATUTORY AUTHORITY	Fish and Wildlife Coordination Act of 1934 as delegated by Department Manual (DM) 255 DM 1.1.B										
CFDA NUMBER	15.517										
RECLAMATION POINT OF CONTACT	Katherine Calagua; Email: kcalagua@usbr.gov										
SUMMARY OF PROJECT ACTIVITIES	<p>The activities to be funded through this action include:</p> <ol style="list-style-type: none">1. Genetic monitoring of various stocks and life stages of razorback and bonytail, to include: hatchery broodstocks, backwater populations, and mainstem populations2. Material archiving and development of integrated database <p>Milestones:</p> <table border="1"><tr><td>Genotype Historic Samples</td><td>December 31, 2020</td></tr><tr><td>Genotype Annual Samples</td><td>Annually by December 31st</td></tr><tr><td>Whole Genome Sequencing</td><td>December 31, 2021</td></tr><tr><td>PIT tag monitoring</td><td>Annually by December 31st</td></tr><tr><td>Material Archive and Database</td><td>Annually by December 31st</td></tr></table>	Genotype Historic Samples	December 31, 2020	Genotype Annual Samples	Annually by December 31 st	Whole Genome Sequencing	December 31, 2021	PIT tag monitoring	Annually by December 31 st	Material Archive and Database	Annually by December 31 st
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<p>SELECTION JUSTIFICATION</p>	<p>The Recipient has been identified as employing uniquely qualified staff with specialized skills and expertise on the subject matter. Wayne State University, Department of Biology; specifically, Dr. Tom Dowling (Principal Investigator) is uniquely qualified to characterize genetic variation in razorback sucker (RBS) and bonytail using a variety of methods.</p> <p>These qualifications are based on a proven track record of rapid genetic data acquisition for imperiled native fishes, high levels of scientific productivity, and supplying timely feedback to resource management agencies. Specifically, he has:</p> <ol style="list-style-type: none"> 1. Successfully demonstrated these prescribed techniques on populations of RBS within the proposed study sites. Samples and data from previous years are cataloged and stored at his facility, and his continued access to past samples will allow for greater analysis using a long term data set. 2. Worked for twenty plus years monitoring the genetic diversity of RBS within its historic range. This continued involvement in the matter has established partnerships with resource managers to facilitate cooperative research throughout the Colorado River Basin.
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