

Bay County RESTORE Act Direct Component Proposals 2014-2015

<b>Proj #</b>	Bay PRP 2014-017
<b>Project Name</b>	AMIkids Panama City Marine Institute Dock Repair
<b>Project Proposer, affiliation, web site</b>	Ron Boyce AMIkids Panama City Marine Institute www.amikidspanamacity.org
<b>Project Description</b>	Renovation of the plumbing, electrical, mechanical and structural components of the PCMI dock. The dock is used for storing boats which are used for community environmental service projects and recreational access to St. Andrews Bay and surrounding waters.
<b>Proj. Size (acres)</b>	
<b>Economic</b>	PCMI enhances the livability of Bay County by adding a unique alternative school. PCMI uses the dock to assist in the water safety of both triathlon events each year. PCMI service projects such as the artificial reef program contribute to the restoration and support of the estuary ecosystem.
<b>Environmental</b>	PCMI uses the dock to perform environmental service projects such as water quality monitoring, coastal clean-up, fish population monitoring, coral monitoring, sea grass protection, shoreline restoration, sea bird nesting habitat projects and sea turtle nesting habitat protection.
<b>Social</b>	PCMI serves youth and families from predominately under-served high poverty communities in Bay County which benefit from increased access to recreational and educational opportunities. The students perform community service environmental projects.
<b>Other</b>	PCMI uses the dock to support RMA, EPA, Florida State Parks, NFWS, River Watch, Lake Watch, REEF, Project Aware, Coral Watch, Turtle Watch, BSA, Sea Cadets, Bay District Schools, and even the Naval Support Activity.
<b>Project Location</b>	222 East Beach Drive, Panama City Florida, 32401.
<b>Est total project cost</b>	\$250,000
<b>Amount requested</b>	\$250,000
<b>Describe what funds will be used for</b>	Replace pilings, stringers and deck boards. Replace two boat lifts. Replace and upgrade electrical system. Replace plumbing. Replace deck hardware. Replace Dock storage locker, security gate and entrance gazebo. Add security system.
<b>Long term funding needed? Source? Availability?</b>	No long term funding is required. Future repairs will be funded by fund-raising from the local board of directors.
<b>Est yrs completion</b>	0-2
<b>Matching \$ available?</b>	
<b>Match source? Secured?</b>	
<b>Amount match secured</b>	
<b>% proj cost from match</b>	
<b>Partners anticipated?</b>	
<b>Partner names</b>	
<b>Funds request other source?</b>	
<b>If yes, name source, decision date</b>	

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Proj fully funded by other source?	
<b>FULL PROPOSAL FORM</b>	
Project number (proposal)	Bay PRP 2014-017
Submittal date proposal	2/3/2015
Project name (proposal)	AMIkids Panama City Dock Restoration
Applicant name	AMIkids Panama City Marine Institute
Project description (proposal)	This project will complete a renovation of the plumbing, electrical, mechanical and structural components of the AMIkids Panama City Marine Institute dock. The dock is used for storing boats which are used for community environmental service projects and recreational access to St. Andrews Bay and the surrounding waters.
Project location description	222 East Beach Drive, Panama City, Florida 32401. AMIkids Panama City Marine Institute is adjacent to the east side of Panama City Marina. and the dock is located on the property. Latitude 30.151311, Longitude 85.661257.
1. Restore nat res	<p>AMIkids PCMI uses the dock to perform environmental service projects such as water quality monitoring, coastal clean-up, fish population monitoring, coral monitoring, sea grass protection, shoreline restoration, sea bird nesting habitat projects and sea turtle nesting habitat protection. The environmental service projects are conducted year-round in partnership with multiple agencies, including the St. Andrews Bay Resource Management Association, Florida Department of Environmental Protection and National Fisheries and Wildlife.</p> <p>The environmental projects are conducted by the staff and students at the program using program resources. The students attend school and an additional two hours of counseling and vocational training services after school. In order to be able to conduct the projects, AMIkids PCMI needs close access to the water. Having the dock at the program with a boat ready on the lift allows staff to spend more time on the task and less time with the logistics of getting the students to the project site. AMIkids PCMI maintains the boats and docks through volunteer fundraising. Over the forty years AMIkids PCMI has existed, the dock has been repaired several times. The dock has finally approached the point where significant restoration beyond the scope of a repair is now required.</p> <p>Several significant projects have been conducted from the dock in the last 40 years and more are already being planned for the upcoming year:</p> <p>1) West Bay Oyster Re-Seeding: AMIkids PCMI will fill and transport the reef material to the project site as well as assist in the placement of the material at the site.</p> <p>2) Sea Grass Restoration: AMIkids PCMI has also been asked to assist in a sea grass restoration project that will take place throughout the St Andrew Bay estuary system. The staff and students will return to the sites where they placed sea grass warning signs in the past to repair and replace signs that are broken or missing.</p>

<p><b>2. Mitigate</b></p>	<p>AMIkids PCMI has been asked to assist in a sea grass restoration project. Part of the project includes placing specially designed tubes in the prop scars in order to facilitate re-growth in those areas. Placing the tubes will require the students to enter the water from the boat and secure the tubes by hand in water 2-5 feet deep. Students and staff will leave from the dock on an AMIkids PCMI boat and place the tubes in the seagrass beds located throughout the bay. AMIkids PCMI students and divers also take part in coastal clean-ups annually. The students travel by boat to areas not accessible by land and remove trash. The student divers and staff also remove trash from underwater locations such as the entrance to the bay, where the trash endangers the small coral population on the jetties. AMIkids PCMI also cooperates with St. Andrews Bay Resource Management Association to help transplant marsh grass on shorelines to stop erosion and restore the natural habitat.</p>
<p><b>3. Implement plan</b></p>	<p>N/A</p>
<p><b>4. Workforce/Jobs</b></p>	<p>The students served by AMIkids PCMI are at high risk of dropping out of school and ending up in prison. An integral part of AMIkids PCMI's program is the experiential education component, which provides opportunities to build self-esteem, social skills, and practical skills necessary to become a successful member of the workforce. To that end, AMIkids PCMI offers several environmental service projects that benefit the environment and the Bay County community as well as the youth. In cooperation with the St. Andrews Bay Resource Management Association and other partner agencies, these projects expose the students to careers in the natural sciences. Students are trained by and work alongside professional environmental scientists and technicians. They gain valuable experience in the field and receive first-hand information and resources to prepare for a career in the sciences.</p>
<p><b>5. Improve state park</b></p>	<p>AMIkids PCMI students have performed service projects for the St Andrews State Park, including building walkways that protect the dune areas from foot traffic. The dock enables AMIkids PCMI students to travel by boat to remote areas such as Shell Island for service projects.</p>
<p><b>6. Infrastructure</b></p>	<p>The AMIkids PCMI dock is a construction project that will be built by local contractors. The dock will be used as the staging area and water access point for environmental service projects benefiting ecological resources.</p>
<p><b>7. Flood protect</b></p>	<p>n/a</p>
<p><b>8. Planning</b></p>	<p>n/a</p>
<p><b>9. Promote tourism</b></p>	<p>The dock is used for recreational purposes supporting boating, fishing, snorkeling, swimming, beach trips, shell collecting, and scuba diving. As a reward for positive behavior changes, academic success, and the attainment of other personal goals, AMIkids PCMI students earn fishing trips that depart from the dock. Many of these students learn to fish and ride a boat for the first time through their experiences with AMIkids PCMI. Students may not otherwise be exposed to these recreational activities which contribute significantly to the economy of Bay County.</p>
<p><b>10. Promote seafood</b></p>	<p>n/a</p>
<p><b>1.1 Diversify</b></p>	<p>n/a</p>
<p><b>1.2 Infrastruc</b></p>	<p>n/a</p>
<p><b>1.3 Airport</b></p>	<p>n/a</p>

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<b>1.4 Job train</b>	n/a
<b>1.5 Workforce dev</b>	n/a
<b>1.6 Facil tourism/econ dev</b>	n/a
<b>1.7 Rec, transport, wage</b>	All of the students at AMIkids PCMI are Bay County residents. The dock is used for recreational purposes supporting boating, fishing, snorkeling, swimming, beach trips, shell collecting, and scuba diving. Up to 90 students a day attend AMIkids PCMI during the week and the dock is used several times a week, especially during the summer months.
<b>1.8 Protect nat res</b>	The AMIkids PCMI dock stores the boat used to transport the students to the environmental project work sites. The AMIkids PCMI students install sea grass warning signs and build beach access walkways to help preserve the natural habitat that is a major attraction for Bay County tourists.
<b>1.9 Promote fishing</b>	AMIkids PCMI has participated in several artificial reef projects and the dock is the staging area for the vessels that participate in the artificial reef projects. Rebuilding the dock will allow for future artificial reef projects.
<b>1.10 Commun resil</b>	n/a
<b>2.1 Protect SAB</b>	AMIkids PCMI partners with the St. Andrew Bay Watch program to help monitor water quality in the Bay. AMIkids PCMI students and staff are trained to collect water samples at the surface and at depth and to collect other data such as salinity, temperature, visibility, and PH using scientific methods and instruments. They document the data collected and submit the data and water samples to the Bay Watch program which in turn shares the data with the Florida Lake Watch program. The data from over twenty data collection stations provides a picture of the health of the St Andrew Bay ecosystem over time and in different locations. The data is used to provide a baseline and to monitor changes.
<b>2.2 Improv wtr qual</b>	n/a
<b>2.3 Protect seagrass</b>	AMIkids PCMI participates in environmental service projects designed to protect sea grass beds in conjunction with Gulf Coast State College, the Florida Environmental Protection Agency, Florida State Parks and other agencies. AMIkids PCMI staff and students build warning signs and install them by boat in the sea grass beds in St. Andrews Bay. The signs warn boaters that shallow sea grass beds are located there in an effort to protect the essential habitat from damage by boat propellers, hulls, and anchoring. Several signs a day can be installed or repaired when the staff and students can stage the required materials at the AMIkids PCMI dock and launch from the boats that are stored there. The dock's close proximity to the school and the sea grass beds allows ample time for the students to perform the work and clean up during the course of the school day.
<b>2.4 Wildl hab</b>	n/a
<b>2.5 Acq lands</b>	n/a
<b>2.6 Preserve dunes, shore</b>	The AMIkids PCMI dock is the staging area and water access point for projects such as the Shell Island walkway construction, marsh grass re-seeding along shorelines in the Bay, oyster reef building projects, sea grass bed restoration projects, trash clean-ups, artificial reef deployment, and water quality monitoring.

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2.7 Protected spp	AMIkids PCMI staff and students use the dock to board the AMIkids PCMI boat and travel to remote locations to assist with the marking and protection of shorebird and sea turtle nesting sites. Supplies are staged at the AMIkids PCMI dock area and loaded by student volunteers and transported by AMIkids PCMI boat to the work site. Under the direction of staff from the agency managing the grant, the AMIkids PCMI staff and students mark off and place barriers and signs to keep people and predators away from critical nesting sites in remote dune and shoreline areas in the St Andrews Bay ecosystem. AMIkids PCMI staff, students and boats are also available to help with the scallop restoration program transporting the scallops grown in aquaculture cages to the sites selected by the agency managing the project.
2.8 Water data	AMIkids PCMI students partner with the St. Andrews Bay Watch program to collect water quality data from two sites and the staff and students act as back-up collection crew for other sites when needed. The sites are only accessible by boat, so in order to consistently take part in the monthly collection of data, the program requires consistent access to boat storage and loading at the school site.
3.1 Deer Pt Lk wtr qual	n/a
3.2 Stabil roads	n/a
3.3 Sewer AWT	n/a
3.4 Septic to central	n/a
3.5 Stormwtr	n/a
3.6 LID	n/a
3.7 Coast resil	n/a
3.8 Support port	n/a
Budget justification	AMIkids PCMI has collected preliminary bids for the rebuilding of the dock. The cost to fully complete the project will require between \$200,000 and \$230,000 dollars. The budget request is for \$250,000 which allows for unforeseen costs not currently anticipated in the current estimates. The amount requested covers all labor and materials for the rebuilding of the infrastructure, electrical and water systems on the dock.
Ongoing costs	Ongoing costs will be sustained from funds raised by the AMIkids Panama City Marine Institute Board of Directors. Ongoing costs include maintenance, electrical and water costs. These costs are covered in the current budget of the facility of which over 20% is raised by the Board of Directors. No ongoing costs are required to be borne by Bay County.
Objective and measures	The objective of the project is to build a dock facility to support the water operations of AMIkids Panama City Marine Institute to include environmental service projects, job training and recreational activities. Bay related environmental service projects, and the number of boat trips that use the facility will be documented to measured the effectiveness of the project.
Nat Res Proj	
Best Avail Science	
Env issues	n/a
Econ Dev proj?	
Econ Dev description	

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<b>Job Creation?</b>	
<b>Describe how jobs created</b>	
<b>No. jobs created</b>	
<b>No. jobs created Yr 1</b>	
<b>No. jobs created Yr 2</b>	
<b>No. jobs created Yr 3</b>	
<b>Avg wage</b>	
<b>Total proj cost</b>	
<b>Complement. proj descr.</b>	<p>Re-seeding of oyster beds in West Bay. The project is designed to restore oyster beds along the shoreline of a portion of West Bay. The oyster beds will improve water quality, improve water clarity to promote sea grass propagation, and help protect the shoreline by reducing wave energy on the shoreline. The project is managed by National Fish and Wildlife. Funds are from a grant already acquired.</p> <p>Sea grass Restoration and Protection. The project is designed to protect and restore sea grass beds in the St. Andrews Bay ecosystem. The project is managed by The Florida Department of Environmental Protection.</p>
<b>Proj readiness descr</b>	The project is ready to start once funds have been awarded. Major work should be started with 30 days of the availability of funding.
<b>Permits required?</b>	
<b>Permits status</b>	
<b>Land acq?</b>	
<b>Acquire fee simple?</b>	
<b>Acquire easement?</b>	
<b>Fee and easement descri</b>	
<b>Terms of easement</b>	
<b>Entity to hold title</b>	
<b>Easement acres</b>	
<b>Fee simple acres</b>	
<b>Appraisal avail?</b>	
<b>Appraised value</b>	
<b>Title opinon avail?</b>	
<b>Material risks</b>	AMIkids Panama City Marine Institute owns the dock, has completed extensive repairs in the past, and is familiar with the permitting requirements required. If the DEP determines that that the scope of work requires a permit, AMIkids PCMI will consult with the department to either adjust the scope to meet specifications or to delay the parts of the project that require permitting until the required permit is added. An operational reserve is maintained by PCMI that will be able to address unforeseen cost increases up to \$25,000 if needed.
<b>Likelihood of success</b>	There are several contractors available and capable of the scope of work so there is a very high likelihood that the project will be completed as planned. Extensive repairs have been completed in the past and AMIkids PCMI has experience with the needs and risks of an extensive repair project of the dock to assist in addressing any unforeseen complications.

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<b>Contract out work?</b>	Yes
<b>Contracting strategy</b>	AMIkids PCMI provided a scope of work to several marine construction contractors and invited them to submit proposals. The scope of work is specific as to size, materials and design elements required. Upon awarding of the funds, a committee composed of volunteer board members with applicable experience will review the bids and select the one best suited to complete the project. Upon selection and availability of funds, a contract will be awarded that includes project milestones, inspection dates and the requirements for the final payment.
<b>Applic manage proj?</b>	Yes
<b>L 1. Proposed mgr</b>	AMIkids Panama City Marine Institute will manage the on site construction. AMIkids, Inc. will provide accounting and audit oversight of the project.
<b>L 2. Mgr agreed?</b>	Yes
<b>L 3. Mgr experience</b>	AMIkids Panama City Marine Institute has managed renovation and construction projects as well as past rebuilding of the dock on several occasions without any permitting or auditing issues. AMIkids Inc. has managed Federal grants and is currently operating a Federal grant from the Department of Labor for \$5 million dollars over a three year period.
<b>L 4. Post proj maint</b>	AMIkids Panama City Marine Institute has operated in its current location since 1974. The organization has maintained the dock and completed repairs for that entire length of time. The current staff, volunteers and board members have the technical capability for minor repairs. Repairs beyond their capability can be contracted out to marine construction firms using funds raised by the board of directors.
<b>L 5. Mgmt approach</b>	Management of the project will be assigned to the volunteer board member currently overseeing all of the AMIkids PCMI construction and renovation projects. The project coordinator will report to the executive committee of the board which must approve all disbursement of funds before payment.
<b>Outreach descr</b>	n/a