

**U.S. Army Corps of Engineers
Fiscal Year 2013
Handshake Program Application**

Please review instructions before completing application!

Corps Lake/Project Name:**Lake Red Rock**

Handshake Proposal Title:**Red Rock Fisheries Development**

Corps POC Name:**Perry Thostenson**

Telephone:(**641**) **828 - 7522** ext. **6413**

E-Mail: **Perry.M.Thostenson@usace.army.mil**

A. Eligibility checklist:

1. Is the seed money going to be spent at Corps facilities and resources that are being maintained by the Corps at 100% expense? * **Yes** **No**

2. Is the agreement with a non-federal public or private entity(ies)? * **Yes** **No**

3. Is the proposed activity within current authorities and contained in the annual or 5-year work plan in the approved OMP? ** **Yes** **No**

4. If no, when will the OMP be updated and approved? (example: Sept 10)

**If "No" to either question 1 or 2 the proposal cannot be authorized under the Corps' challenge partnership authority.*

*** If "No" to question 3 and the date provided in answer to question 4 would come after the commencement of your proposed challenge partnership your activity can not be authorized.*

B. Handshake Funding Program Request (maximum \$30,000): \$30,000

C. Cooperating Association Bonus: Challenge Partnerships that include a Cooperating Association with which your project/district has entered into a Cooperative Agreement are eligible to compete for an additional \$5000. You must include a copy of the signed agreement with your proposal. (Reference Chapter 9 of ER and EP 1130-2-500 for information on cooperating associations).

D. Incentive Points Category: Check the box if your Lake/Project qualifies to receive bonus points on the evaluation score for submitting partnership success stories/GETS. Also include an explanation of the GETS submittal and the date of submission below the check box.

Partnership Success Stories/Good Enough to Share Submittals: Facilities that provided at least one partnership success story from previous activities may qualify for bonus points. Please check box if you have submitted a GETS or Partnership Success Story in Fiscal Year 2012

E. Describe your partnership and the proposed project:

Your project will be evaluated on the following categories: Sustainability, Partnership Value, Recreation Benefit, Environmental Stewardship Benefit, Communication and Education Value, and Innovativeness. Please address each in your description.

Description:

Lake Red Rock in central Iowa is Iowa's largest lake. With lake elevation changes of up to forty feet, it can be a challenge to fish. The Iowa Department of Natural Resources (IDNR), Red Rock Lake Association (RRLA), Central Iowa Anglers (CIA), Marion County Conservation Board (MCCB) and the US Army Corps of Engineers at Lake Red Rock (USACE) has formed a partnership to change the fishing environment at Lake Red Rock. The group has been meeting to determine the most efficient and effective ways to make improvements. The two current areas of focus are:

1. Keep fish in the system longer by providing quality habitat and stocking upstream
2. Rear fish in isolated ponds to increase survival rates

The IDNR started last year by adding four fish structures at different elevations of shoreline that are accessible for bank and boat fishing. This spring, the IDNR and MCCB worked together to stock 300,000 walleye fry in Roberts Creek, an impoundment of Lake Red Rock. With water levels low this year, it was a perfect opportunity for these fry to increase survival rates since they won't enter the main lake until lake levels increase. The fish start off at 1/4 inch in length and are grown to be about two inches by the end of a four week period. The fry have 15 times better survival rates if they are reared in a pond. Due to this benefit, the partners feel we need to look at the development of 10+ acres of fish rearing ponds at the lake.

We are setting off to develop the first rearing pond! In June, USACE was awarded a STEM (Science, Technology, Engineering, Math) position for ten weeks. This individual's focus was to determine what it would take to turn an abandoned sewage lagoon into a one-acre fish rearing pond. He developed a detailed plan on how to implement this task, and the partners are excited to continue moving forward with the effort. The local Corps staff would provide equipment and labor to prepare the site, and the IDNR and MCCB would continue to provide expertise and fish fry, and the RRLA and CIA would offer labor to care for and transport the fish from the pond to the lake. If we are fortunate enough to win the Handshake Award, the funds will be used to purchase supplies needed for the kettle system to remove the fish from the pond and a pump to refill the pond with lake water.

The kettle system will allow the water to exit the pond, but retain the fish that were reared in the pond. This will help us determine the success rates for the pond and rearing program. It will allow us to determine survival rate since we can count the fish. It will also allow us to measure lengths and weight of the fish, and mark fish for future stocking evaluation studies. This will be very beneficial as we look to add more ponds in the future.

Sustainability: The issue with many fish rearing ponds around flood control reservoirs in Iowa is that they can become inundated with water causing them to fail. The pond selected is at an elevation that is completely above flood pool, and since it was on higher elevation for a lagoon, it will have a long lifespan. The gate structure is made from pvc pipe and concrete, so the expected life of these structures is thirty years or greater. Since it is out of the flood pool, it will also allow for multiple four-week cycles of fish to be reared throughout the year. The goal is to have two rearings in this pond per year.

Partnership Value: All of the partners in this project are critical to the success and the drivers behind making it a reality. The IDNR has already provided \$30,000 between the fish fry stocked and the four fish structures provided. With this new fish rearing pond in place, the agency will provide approximately an additional \$5,000 in fish fry in 2013. Their investment will continue and increase as we construct other ponds in future years. The CIA and RRLA will provide volunteer services worth around \$12,000. This will include assisting with design,

communication to fishing enthusiasts, caring for the fish and transporting them to the lake. As we continue down the fisheries path, we also have other potential partners that have expressed interest in the topic: Missouri River Energy Services who is planning build a hydro-power plan at the lake, Bass Pro Shops in Des Moines and the local Chamber of Commerce.

Environmental Stewardship Value: The STEM resource person this summer worked with the IDNR to understand the potential and benefits of converting a lagoon to a fish rearing pond. After they completed soil sampling, it was determined that the conversion is possible and that it would be a great method to turn an environmental risk into an environmental benefit. There are also many document articles regarding the environmental benefits to our waterways by having healthy sustainable fish populations. We are leveraging Iowa experts, the partners in this project, to understand what the sustainable population is for Lake Red Rock and how to achieve that goal. The other public benefit is a perception of increased water quality at our reservoir. A healthy fish population communicates a healthy ecosystem.

Recreational Benefit: As the fish habitat and fish population continues to increase with this initiative the quantity and diversity of people fishing will increase. It will allow recreational opportunities for both on and off-shore fishing. With Red Rock being Iowa's largest lake, families will find their favorite cove or bank for fishing. There has been an increase in minority populations fishing in Iowa, and additional recreation opportunities in this area will increase their use of Corps facilities. Improved fishing not only allows for more recreational activity but also drives tourism, and provides economic impact to area communities.

Communication and Education Value: . Here are a few specific events or ways the project will be communicated: It will promote the Corps of Engineers' environmental stewardship and recreation missions through the promotion of fishing. That message will be promoted throughout the state of Iowa.

- MCCB has hosted a "Kids Fish Day" for 16 years and this initiative will be part of it.
- MCCB has an osprey reintroduction program. Osprey are dependent on clean water and fish for their diet, so this initiative will tie in well.
- RRLA and CIA will communicate with their membership base about this topic to increase their participation. They also host ice fishing and spring fishing tournaments at the lake with Make-A-Wish Foundation and other partners. This effort will also be communicated at those events.
- IDNR has an objective to educate and communicate to people who fish. This will mesh with their program called First Fish for newcomers, and the Master Angler Award for those with some experience.
- Lake Red Rock has a Kids' Outdoors Program to educate and get kids active in the outdoors. The agency has considered adding fishing equipment or partnering with someone to add fishing to this program in the years to come.

Innovation: With this project we will be kick-starting a larger initiative by creatively taking an environmental risk in an abandoned sewage lagoon and turning it into a fish rearing pond. This process is innovative and exciting to all partners involved. The scale of this project also makes it unique. Most of the partners have done smaller initiatives to improve fishing in central Iowa, but this is a project to help make Iowa's largest lake a destination to fish. The last innovative characteristic of this project is that the fish rearing pond will be built completely above the flood pool. This is a first for our lake and other reservoirs in Iowa. We have great partners and look forward to seeing a healthier fishing population at Lake Red Rock!

The Corps will:

- provide labor and equipment to convert sewage lagoon to a fish rearing pond
- develop catwalk and gate-work system

- install erosion control measures for filling and draining the pond
- improve access road to deliver fish from pond to the lake

The Partner(s) will:

IDNR - provide staff to advise on design and fishery development plan

- provide fish fry needed to accomplish the partnership goals
- provide fish structure - step one complete
- educate on fishing and how this project benefits Iowans

RRLA - provide volunteers to assist in pond filling, caring for the fry and delivery

- communication and promotion of the project
- provide fuel and transportation to get fish from the pond to the lake
- provide \$1,000 in materials

MCCB - lead educational efforts around the lake on fishing and its benefits

- provide staff to advise on design and fishery development plan

CIA - provide volunteers to assist in pond filling, caring for the fry and delivery from pond to the lake

- communication and promotion of the project

Challenge Partnership Financial Work Sheet

Corps Project Name: Lake Red Rock

Work Project Title: Red Rock Fisheries Development

POC Name: Perry Thostenson

Address: 1105 Highway T15 North City: Knoxville State: IA Zip Code: 50138

Telephone: 6418287522

Location on Project:North Shore

Partner Organization 1: Iowa Department of Natural Resources

POC Name: Ben Dodd

Address: 1436 255th St City: Boone State: IA Zip Code: 50036

Telephone: 5154322823

Partner Organization 2: Red Rock Lake Association

POC Name: Matt Kissinger

Address: P.O. Box 292 City: Pella State: IA Zip Code: 50219

Telephone: 6414160247

Partner Organization 3: Marion County Conservation Board

POC Name: Steve Edwards

Address: 214 E. Main St. City: Knoxville State: IA Zip Code: 50138

Telephone: 6416275507

Proposed start date of work: Mar-13

Simple description of work to be accomplished through the partnership:Improvement of the Lake Red Rock fishery. To include fish structure and development of the first fish rearing pond at Lake Red Rock. The first pond will involve converting an abandoned lagoon into a 1-acre fish rearing pond.

Double click on spreadsheet to access data entry fields:

	Local Corps Office	Handshake Funds	SCA	Partner 1	Partner 2	Partner 3	Partner 4	Partner 5	Partner 6	Partner 7	Partner 8	Total
In-Kind Services	\$11,200	N/A	\$0	\$5,600	\$2,000	\$3,360	\$2,000	\$0	\$0	\$0	\$0	\$24,160
Travel	\$0	N/A	\$0	\$590	\$83	\$0	\$83	\$0	\$0	\$0	\$0	\$755
Materials and Supplies	\$12,000	\$30,000	N/A	\$35,000	\$1,000	\$150	\$0	\$0	\$0	\$0	\$0	\$78,150
Equipment Use	\$15,000	\$0	N/A	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Funds Contributed	N/A	N/A	N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personal Property	N/A	N/A	N/A	\$0	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500
Volunteer	N/A	N/A	\$0	\$0	\$3,922	\$0	\$3,922	\$0	\$0	\$0	\$0	\$7,844
SCA Intern/Crew	\$0	\$0	N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other (explain below)	\$0	\$0	N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$38,200	\$30,000	\$0	\$51,190	\$8,505	\$3,510	\$6,005	\$0	\$0	\$0	\$0	\$137,409
Share of Total Cost	28%	22%	0%	37%	6%	3%	4%	0%	0%	0%	#	100.0%

Explanations:

Local Corps: \$11,200 for Corps staff time constructing pond; \$12,000 costs for erosion control and gate structure; \$15,000 for use of heavy equipment to modify lagoon to rearing pond

Handshake Funds: \$30,000 for kettle/delivery system (including concrete, plumbing, kettle) and a 4" pump to fill the pond with lake water.

Partner 1 - IDNR: \$5,600 for design assistance; \$590 for travel to the lake during design phase; \$35,000 delivered fish fry three times per year, structure put in lake and fish distributed this spring; \$10,000 use of transportation vehicle for fish delivery to pond and unloading equipment

Partner 2 - RRLA: \$2,000 in promotion of the project and design assistance; \$83 in delivery of fish from pond to lake; \$1,000 supplies or reduced costs to test water quality and habitat for rearing; \$1,500 for use of trailer and/or truck in transportation of kettle with fish in it; \$3,922 of volunteer service (180 hrs/yr @ \$21.79/hr)

Partner 3 - MCCB: \$3,360 for design assistance and educational programing/promotion; \$150 in educational program supplies

Partner 4 - CIA: \$2,000 in promotion of the project and design assistance; \$83 in delivery of fish from pond to lake; \$3,922 of volunteer service (180 hrs/yr @ \$21.79/hr)

Cooperative Agreement
between
The U.S. Army Corps of Engineers
and
The Red Rock Lake Association

This Cooperative Agreement is for the mutual benefit of both parties and is between the United States Army Corps of Engineers, Rock Island District (hereinafter referred to as the "Corps") and the Red Rock Lake Association (hereinafter referred to as the "RRLA").

WITNESSETH:

WHEREAS, the Corps operates the Lake Red Rock Visitor Center at Knoxville, Iowa (hereinafter referred to as the "Visitor Center") for public recreation and the understanding of the Corps mission. The Corps natural resource management program fosters the stewardship of our natural and cultural environment; and,

WHEREAS, the Corps operates its program for the benefit of the public and the public requires information for the safe and appropriate use of Corps projects and facilities. This information is conveyed through a variety of interpretive media which rely heavily upon the use of audio visual materials, photographs, models, and other materials which illustrate the Corps, its mission and activities in and around the Lake Red Rock Area; and,

WHEREAS, the Corps and the RRLA mutually recognize there are significant public benefits to a visitor center and interpretive programs, which supports the Corps mission. The Corps authorizes the RRLA to provide, and RRLA agrees to provide, the hereinafter described interpretive, educational and informational services to visitors at the Lake Red Rock Corps area.

NOW, THEREFORE, the parties agree as follows:

The Parties agree that this Agreement supersedes, in its entirety, the Cooperative Agreement between the U.S. Army Corps of Engineers and the Red Rock Lake Association dated August 19, 2007.

1. CORPS RESPONSIBILITIES:

- a. The Corps agrees to review and give necessary approvals or disapprovals in a timely manner to the RRLA for any proposals, programs, special events, or other activities that the RRLA might wish to engage in at the Visitor Center or in Corps areas.
- b. The Corps will work closely with the RRLA to provide joint communication to the general public when both parties determine that such communication is appropriate. The Corps will actively listen to public feedback provided through the RRLA and offer a response when necessary.
- c. Should the RRLA, as part of its cooperative activities, require the use of Corps facilities, at the Visitor Center (or other facility) the Corps agrees, that in recognition of the services the RRLA is contributing to the public, to provide at no cost to the RRLA such facilities, utilities, janitorial services, routine and general maintenance, and other services when incidental to the normal operation of the facility by the Corps.
- d. Should the RRLA require facilities, utilities and services over and above what the Corps would normally require for operation of the facility, or area used by the RRLA, the RRLA will reimburse the Corps at an agreed upon, but nominal cost, in recognition of the services that the RRLA is contributing to the public.
- e. The Corps will take reasonable precautions to protect items loaned by the RRLA but assumes no other responsibility for these items. The Corps will return loaned property or items as requested by the RRLA.

2. RED ROCK LAKE ASSOCIATION RESPONSIBILITIES:

- a. The RRLA's Articles of Incorporation and By-laws shall comply with the requirements of the state(s) in which the RRLA is incorporated. Nonprofit 501(c)3 status must be maintained in accordance with State and Federal laws. The RRLA will make available for inspection, at the request of the Corps, documents demonstrating nonprofit status. This agreement will automatically terminate if nonprofit 501(c)3 status is not maintained.
- b. The RRLA shall have liability insurance which indemnifies, saves, holds harmless, and defends the United States against all fines, claims, damages, losses, judgments and expenses arising out of any action or from any omission, of the RRLA in connection with activities under this Agreement.
- c. The RRLA will exercise reasonable care to prevent damage to any Government property used or occupied during its operation and shall, insofar as possible, protect all such property.
- d. The RRLA may offer educational and interpretive services which support the mission of the Corps and the RRLA. This includes assisting, planning, designing, implementing, fundraising, promoting and conducting programs, activities, events and exhibits. Listed below are some current areas of support by the RRLA. These may change at any time with approval by both parties of this agreement.
 - 1) Produce and make available to visitors by sale or free distribution, suitable interpretive and educational literature and aids to increase the visitors' understanding and appreciation of the natural history, cultural, historical, and man-made features of the project area and the Corps of Engineers.
 - 2) Acquire specimens and/or objects pertaining to the history, cultures, environment, or recreational activities of the project area for the purpose of adding them to the exhibitry or programs at Corps visitor centers (or other Corps facilities).
 - 3) Assist in the sponsorship and coordination of professional workshops, training opportunities and special events.
 - 4) The RRLA may, at the discretion of its governing board, loan materials and/or services to the Corps. The Corps reserves the right to accept or decline without obligation, any service, or loan by the RRLA.
 - 5) Assist in all practical ways with the interpretive, educational and community programs of the Corps and Lake Red Rock for the benefit of the public. Examples include reaching out to the public, communicating frequently to members of the RRLA, providing volunteer opportunities to members of the RRLA, working with members of the RRLA, businesses, non-profits and government agencies in a joint effort to further the above stated mission.
- e. Fiscal Management
 - 1) The RRLA will conduct its fiscal operations in accordance with accepted business practices. This includes the appropriate use of a funds accountability system, purchase orders, receipts, invoices, and inventory controls.
 - 2) The RRLA shall annually submit (with 60 days following the end of each fiscal year) a complete financial report to the Corps which includes a written summary of RRLA activities for the year.
 - 3) The Corps may review the fiscal records of the RRLA at any time during the term of this agreement.

3. PUBLIC SERVICE AREAS:

- a. The RRLA may operate the sales areas on a continuous or intermittent basis.
 - 1) Sales areas and items will be agreed upon by the Corps and the RRLA and will be kept clean and presentable at all times.
 - 2) The RRLA will form a Subcommittee to work directly with Corps staff in management of the sales areas and its funds. The Subcommittee will include members and/or nonmembers of the RRLA.

- 3) The RRLA, in conjunction with the Corps, is hereby authorized to sell and/or distribute items such as publications, maps, audiovisual aids, crafts, and other objects directly related to the themes of the project, region and Corps.
 - 4) The RRLA, in conjunction with the Corps, will sell only items that are appropriate and of high quality. Items sold will be agreed upon by the RRLA and the Corps. Prices will be set at the fair market value and agreed upon by the RRLA and the Corps.
 - 5) All items placed in the sales area will have prior approval from the Lake Red Rock Operations Manager (or person he/she designates).
 - 6) The designated Subcommittee members will assist the Corps with placing orders, receiving orders, inventorying, stocking, and otherwise managing all items offered for sale and/or distribution. The Subcommittee members will assist the Corps with setting prices and determining inventory levels. The Subcommittee members and the Corps will agree on the purchasing of new items for sale.
- b. The RRLA will not sell any original artifacts, sacred items, or antiquities to which the Archaeological Resource Protection Act, as amended, would apply, whether or not such items were discovered on lands owned or controlled by the United States
 - c. The Corps will perform periodic inventory checks with the assistance of the Subcommittee members as available. An inventory check will include counting inventory, reviewing cash register logs and any other sales tracking documentation.
 - d. The Corps and the Subcommittee members will perform an annual audit. An annual audit will include reviewing inventory checks and the sales operations overall. If necessary, the frequency of audits may increase.
 - e. The Corps and the designated Subcommittee members will meet a minimum of once annually to determine how to utilize the store profits (net sales). The Subcommittee will maintain a separate checking account or ledger to administer funds that are set aside for educational and interpretive products and/or services as requested by the Corps.
 - f. Store profits (net sales) will be divided evenly between the RRLA and the account or ledger administered by the RRLA set aside for educational and interpretive products and/or services as requested by the Corps. Profits may be divided differently if the RRLA and the Corps both agree.
 - g. As other public service opportunities arise the Corps will look to the RRLA, as a key partner, for input which may include allowing them to facilitate the public service opportunity. The RRLA may offer the public service themselves or look to partner with other providers. The RRLA must bring these proposals to the Lake Red Rock Operations Project Manager for approval. The services must be available to the general public and the Corps has the right to accept or reject any proposal.
 - h. The RRLA will utilize a portion of revenue collected to provide the support stated in Paragraph 2D. Direct donations of funds will not be made, but shall be used for "in-kind" assistance, such as purchase of items to be donated or loaned to the Lake Red Rock project, purchase of services to support operations of the Lake Red Rock Project and other related activities. Donations will be deposited into the RRLA's checking account or ledger with their use decided upon jointly by the Corps and the RRLA.

4. PERSONNEL:

- a. A member of the RRLA's Subcommittee and the Corps shall each designate, in writing, a RRLA member and a Corps person and alternate who will act as points of contact for the purpose of implementing this Agreement.
- b. Corps personnel, during the course of their normal duties, will conduct, operate and manage sales duties, with assistance from the Subcommittee as reasonably necessary.
- c. The Corps will orient all RRLA personnel, staff and/or volunteers with regard to Corps rules, regulations and requirements, particularly with regard to the project and facilities, safety, and appropriate emergency procedures. RRLA staff and volunteers involved in Visitor Center contact will

receive additional orientation in regard to interpretive services. All orientation will be conducted prior to assumption of duties.

- d. RRLA employees, or volunteers may not wear the Corps uniform, or items of clothing that resemble the uniform. Employees and volunteers of the RRLA, when working at duties that bring them into contact with the public, will wear visible identification that identifies them as a RRLA employee or volunteer.
- e. Corps personnel may not serve in a voting capacity on the governing board, or as Treasurer for the RRLA. Corps personnel may serve in an advisory capacity on the RRLA's governing board or committees. Corps personnel may not act as the official representative of the RRLA in any matter relating to the Corps, or the terms of this Agreement. However, if the RRLA has membership program, Corps personnel may join and participate in membership activities.

5. **ASSIGNMENTS:**

No transfer or assignment of this Agreement or any part thereof or interest therein, directly or indirectly, voluntary or involuntary, shall be made by the RRLA unless approved in writing by the Corps.

6. **MODIFICATOINS AND AMENDMENTS:**

Modifications and amendments to this agreement in the form of Supplemental Agreements may be made from time to time upon the mutual written consent of the District Commander for the Corps and President for the RRLA.

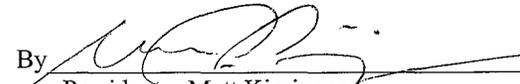
7. **DURATION:**

This agreement shall be effective for five years from the ratification date. This agreement will automatically renew for another five year period on October 1 of the last year, unless notice of cancellation is given by either party 90 days before the date of renewal. The Corps and the RRLA reserve the right to terminate the agreement, or any part thereof, at any time upon 90 days written notice. Prior to giving such notice, the Corps will meet with the RRLA to set forth the reasons for such termination.

8. **MISCELLANEOUS:**

- a. The rights and benefits conferred by this agreement shall be subject to the laws of the United States governing the Corps of Engineers and to the rules and regulations promulgated thereunder whether now in force or hereafter enacted or provided; and the mention of specific restrictions, conditions, and stipulations herein shall not be construed as in any way impairing the general powers of supervision, regulation and control by the Corps.
- b. The RRLA agrees that its activities shall be conducted in accordance with all applicable laws and regulations, both state and Federal.

IN WITNESS WHEREOF, the RRLA has caused this agreement to be executed this 11 day of MARCH, 2009.

By 
President - Matt Kissinger
Red Rock Lake Association

IN WITNESS WHEREOF, the Corps has caused this agreement to be ratified this 17th day of FEBRUARY, 2011.

By 
Shawn P. McGinley
Colonel, US Army
Commander & District Engineer