

**U.S. Army Corps of Engineers
Fiscal Year 2016
Handshake Program Application**

Please review instructions before completing application!

Corps Lake/River Project Name: **Mark Twain Lake**
District / Division:**St. Louis District/Mississippi Valley Division**
Handshake Proposal Title: **Mark Twain Lake Archery Park**
Corps POC Name:**Allen Mehrer**
Telephone:(**573**) **735** - **4097** ext.
E-Mail: **allen.mehrer@usace.army.mil**

A. Checklist:

1. Will the Handshake funds be spent on Corps facilities and resources that are being fully maintained by the Corps? **Yes** **No**
 2. Will the Challenge Partnership agreement be 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 lake project OMP? **Yes** **No**
 4. Have all of the NEPA requirements been considered for this project? **Yes** **No**
 5. Did you participate in a Handshake Webinar in 2015 or review a 2015 Handshake Webinar on the Gateway? **Yes** **No**
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B. Handshake Funding Request (maximum \$30,000): \$20,000.00

C. Cooperating Association Agreement Bonus: Challenge Partnerships that include a Cooperating Association with which your project/district has entered into a Cooperating Association Agreement are eligible to compete for an additional \$5000. Do NOT include a copy of that agreement with this application. A copy may be requested if not already provided to the Partnership Team. (Reference Chapter 9 of ER and EP 1130-2-500 for information on cooperating associations).

This application qualifies for the Cooperating Association Bonus funding.

D. Incentive Points Category: Check the appropriate box if your application qualifies to receive bonus points on the evaluation score. The first category is for the partner contribution meeting or exceeding 70% of total project costs. A summary of the partners' contribution to the Handshake Project should be included in the financial worksheet below. The second category is for Lake or River Projects that have never been chosen as Handshake recipients.

Partner contribution total is 70% or greater (100 points).

This Lake/River Project has never received Handshake funding (100 points).

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.

Summary Statement of Handshake Project:

Grant funding would support the development of an accessible archery park in the Frank Russell Recreation Area. As a component of the Northeast Missouri Environmental Stewardship Demonstration Area (NEMOESDA), an area that represents a strong tradition of community collaboration, the Frank Russell Archery Park will endeavor to serve as a valued recreational, educational, and stewardship resource, and support an outdoor heritage that is deeply engrained in the cultural fabric of the region. This multiple purpose project is divided into two development phases. This 2016 Handshake Partnership package will fund Phase 1 of the project, and proposes the development of the following facilities: an accessible seven station archery range with target distances ranging from 10 yards to 50 yards; an accessible four station youth archery range; and a 14 station 3-D archery trail. Phase 2 of the archery park will be developed with future collaborative and funding opportunities, and proposes development of an accessible 3-D target archery range featuring a multiple elevation shooting platform. The project will be developed in collaboration with organizational members of the Mark Twain Lake Friends of Recreation and Environmental Stewardship (FOREST) Council. The Frank Russell Archery Park facility will support and advance collaborative initiatives, fulfill customer demands, promote quality outdoor experiences, and support the environmental and recreational missions of the Corps of Engineers.

Objectives: The provision of engaging outdoor recreational opportunities possessing limited barriers is a founding principle of the NEMOESDA Area. The Frank Russell Archery Park will foster this principle by providing a multi-dimensional facility capable of multiple recreational purposes. The development of this facility will support numerous mission areas:

1. Provide a barrier-reduced facility supporting a valued recreational activity for a diverse demographic.
2. Accommodate multiple disciplines of this recreational pursuit in a consolidated venue, and provide an asset that promotes opportunities for instructional, leisure or competitive utilization, whereby regional visitation and economic benefit could be realized.
3. Enhance the recreational qualities of the area, and fulfill an identified community request which is not provided in close proximity to the Project.
4. Support the mission of NEMOESDA by accommodating adult and youth group environmental education experiences that promote responsible environmental and recreational stewardship principles.

Background: As a management component of the Frank Russell Recreation Area, the Northeast Missouri Environmental Stewardship Demonstration Area (NEMOESDA) is a regional cooperative project that provides a consolidated venue for multiple responsible stewardship and recreational disciplines. It is one of the few partnership projects in the St. Louis District that combines the resources of federal and state agencies, community groups, national wildlife benefit organizations, and private industries to achieve a common goal of effective stewardship implementation on public lands, and most assuredly unique in the nation. Through collaborative efforts, the area serves as an avenue for public and private entities to demonstrate innovative and effective stewardship technologies, share knowledge, provide educational experiences to a regional audience, and promote quality outdoor experiences. The feature component of this area is the 3.5 acre recreational pond. In addition supporting facilities, such as a pavilion, restroom, interpretive signs, and landscape features were developed in this area to demonstrate progressive and community-involved environmental and recreation stewardship.

In April 2010, this group of engaged partners solidified their commitment to responsible environmental and recreational stewardship on the public lands of Mark Twain Lake by forming the Mark Twain Lake Friends of Recreation and Environmental Stewardship (FOREST) Council. The goal of the group is to maintain an

environment conducive to the collaboration of public and private entities that share the same values of responsible stewardship, and to seek opportunities to apply those values to the public lands of Mark Twain Lake. The Mark Twain Lake FOREST Council is a 501c3 non-profit organization, and maintains a Cooperative Association Agreement with Mark Twain Lake.

Cooperating partners: Whitetails Unlimited, USDA-Natural Resource Conservation Service, Quails Unlimited, Forrest Keeling Nursery, Missouri Department of Conservation, Hannibal Career and Technical Center, National Association of Active and Retired Federal Employees, Show-me Missouri Back Country Horsemen, National Wild Turkey Federation, Duck Unlimited, Mark Twain Lake Sailing Assoc., Monroe R-1 FFA, Northeast Missouri Electric Power Cooperative, Missouri Society of Professional Engineers, Western Illinois University, Mark Twain Lake Visitor and Educational Resource Committee.

The Mark Twain Lake FOREST Council has realized many successes in its brief history:

1. Developed NEMOESDA Pavilion with the Corps of Engineers under the Handshake Partnership Program, 2010.
2. Received National Wild Turkey Federation Grant for development of interpretive signs, and for warm season grass management activities in NEMOESDA, 2011.
3. Collaborated with the Corps of Engineers to acquire funding for restroom facilities supporting the NEMOESDA Area and the Joanna Multi-Use Trail system under the Missouri Department of Natural Resources Recreation Trails Program, 2011.
4. Developed the Outdoor Adventure Campground, an equine friendly camping facility located at the trailhead of Joanna Trail under the Handshake Partnership Program, 2012.
5. Developed Barrier-Free Fishing Access at the Frank Russell Recreation Pond under the Handshake Partnership Program, 2014.

The Frank Russell Recreation/NEMOESDA Area has evolved to perpetuate community success, and has provided the mechanism to introduce or re-connect a diverse demographic to the benefits of their natural surroundings. The area possesses unique characteristics of a public accessible natural landscape, and was recognized in 2010 as a Top 25 Horse Friendly Park, Top 25 Water Recreation Park, and Top 25 Park with Scenic Views by Reserve America. Based on the demographic use and demand, it is anticipated that the proposed accessible archery park development will result in a desirable asset, and maintain our commitment to providing accessible, aesthetic, and engaging outdoor opportunities.

Longevity / Sustainability description:

The anticipated operative life span for the Frank Russell Archery Park is 30 years due to the durable nature of its components and the minimal infrastructure required to operate. Periodic maintenance will be accomplished through efforts of the FOREST Council, and through volunteer contribution. Value of contributed maintenance requirement over the lifespan of the project is \$75,000.00.

Partnership Value:

The estimated project cost is \$76,000.00. Member organizations of the Mark Twain Lake FOREST Council have pledged support in the form of in-kind service valued at \$34,500.00, and material contributions valued at \$9,000.00. In-kind services for development include: construction of target standards, construction of 14 station archery trail, covered shooting area at seven station archery range, site design, and amenity installation. Anticipated maintenance requirements provided by the MTL FOREST Council is valued at \$2,500.00 annually, contributing a maintenance value projected over the lifespan of the project of \$75,000.00. Total project value for facility over expected operational life is \$145,100.00.

Recreational Benefit:

The Frank Russell Pond Archery Park will directly support the recreational mission of the Corps of Engineers, by serving a diversity of users groups that seek quality outdoor experiences. Access to outdoor archery

shooting facilities are extremely rare in this region, and are generally limited to one or two of the desired disciplines. The nearest public facility is located 30 miles east of the project, and only offers minimal accommodations. The flexibility and shooting discipline accommodated under the design of the facility will appeal to a broad range of visitors. The design proposed under this project will provide a safe environment, and the ability to provide a facility for archery education clinics for youth and adults, organized adult and youth competitions, and a facility for visitors to practice their desired archery discipline. The responsible recreation management demonstrated by this project, and the continued application of the NEMOESDA initiative, demonstrates the Corps of Engineers and the Mark Twain Lake's FOREST Council's commitment to providing our community quality outdoor experiences.

Environmental Stewardship Benefit:

The tenets of the Environmental Stewardship mission at Mark Twain Lake are the provision of quality outdoor experiences, the application of responsible stewardship activities, and the promotion of sound conservation principles. The Frank Russell Archery Park will provide an appropriate platform to communicate the desired ethics of public land utilization, promote a shared value of the wise use of natural resource assets, and proplagate an environment of safety in the pursuit of outdoor adventures.

Communication & Education Value:

The Frank Russell Pond Archery Park will augment the area's purpose of providing a venue for the collaboration of multiple responsible stewardship and recreational disciplines, and provide a natural and complementary educational asset. It is anticipated that the facility will be a desired resource for regional school organizations, organized youth groups, partnering wildlife management agencies and wildlife benefit organizations to convey the shared value of responsible and safe utilization of public resources. Furthermore, the inviting appeal of this facility to a user demographic ranging in age from youth to mature adults will further encourage people to re-engage with nature, and provide the Corps of Engineers and partnering entities a natural and comfortable setting to communicate relevant educational concepts.

Innovativeness:

The project will represent an achievement of collaboration, and a valued community resource. The provision of a facility that consolidates the desired disciplines of this recreational pursuit will yield a resource that will be well-received by outdoor enthusiasts in our region. Furthermore, the concept of federal and state land management agencies, wildlife benefit organizations, civic organizations, educational organizations, and private industry collaborating under a common purpose is innovative and merits much excitement. This project will be one facility, but will serve many recreational, educational and environmental purposes. It will serve as a keystone of future initiatives, and the advancement of future collaborative endeavors.

Concluding statement:

This project sustains the Corps' stewardship and recreational mission, and promotes a collaborative environment that will stimulate further partnership opportunities. Engagement of the Mark Twain Lake FOREST Council membership continues to yield numerous opportunities not being addressed by the current facilities located in NEMOESDA and Frank Russell Recreation Area. Provision of an accessible Archery Park not only fulfills our mandated requirements to the public, it accommodates a visitor identified deficiency, provides value added service, and strengthens our commitment to the community. The Frank Russell Archery Park will provide:

1. A consolidated facility accommodating the desired archery disciplines (archery competitions, target shooting, 3D targets, elevated platform).
2. A safe and functional facility for youth organization to educate individuals interested in pursuing this recreational activity.
3. A multi-purpose facility that provides the latitude to accommodate organized competitive events, as well as leisure/recreational pursuits.
4. An innovative vehicle to support increased visitation and regional economic benefit
5. A recreational opportunity not available in close proximity to the region.

Challenge Partnership Financial Work Sheet

Corps Project Name: Mark Twain Lake

Work Project Title: Frank Russell Archery Park

POC Name: Allen Mehrer

Address: 20642 Highway J City: Monroe City State: MO Zip Code: 63456

Telephone: 573 - 735 - 4097 x

Location of Project: Frank Russell Recreation Area/NEMOESDA Area

Partner Organization 1: Mark Twain Lake FOREST Council

POC Name: Todd Shoemate

Address: 321 East Cleveland City: Monroe City State: MO Zip Code: 63456

Telephone: 573 - 795 - 5654 x

Partner Organization 2: National Wild Turkey Federation (MTL FOREST Council Member)

POC Name: Roger Wilson

Address: 30022 MCR 410 City: Paris State: MO Zip Code: 65275

Telephone: 660 - 327 - 5344 x

Partner Organization 3: Whitetails Unlimited (MTL FOREST Council Member)

POC Name: Bob Kendrick

Address: 24 Griffith Circle City: Monroe City State: MO Zip Code: 63456

Telephone: 573 - 735 - 2607 x

Partner Organization 4: Missouri Department of Conservation (MTL FOREST Council Member)

POC Name: Rob Garver, Hunter Skills Specialist

Address: 3500 S. Baltimore City: Kirksville State: MO Zip Code: 63501

Telephone: 660 - 785 - 2424 x

Partner Organization 5: NEMO River Valley Chapter, Show Me Missouri Back Country Horsemen (MTL FOREST Council Member)

POC Name: Mary Church

Address: 5123 County Road 277 City: Palmyra State: MO Zip Code: 63461

Telephone: 573 - 769 - 4050 x

Partner Organization 6: Monroe City R-1 FFA Chapter, (MTL FOREST Council Member)

POC Name: Keriann Brandt/Sean Frankenbach

Address: 401 US Hwy 24 & 36 City: Monroe City State: MO Zip Code: 63456

Telephone: 573 - 735 - 4626 x

Partner Organization 7: National Active and Retire Federal Employees (MTL FOREST Council Member)

POC Name: Richard Dagget

Address: 523 E. Cleveland St. City: Monroe City State: MO Zip Code: 63456

Telephone: 573 - 735 - 4713 x

Partner Organization 8: Perry Christian Academy Archery Team

POC Name: David Talbot

Address: 1235 E. Main

City: Monroe City

State: MO Zip Code: 63462

Telephone: 573 - 565 - 1026 x

Partner Organization 9: Hannibal Career and Technical Center (MTL FOREST Council Member)

POC Name: Derek Greening

Address: 4550 McMasters Avenue

City: Hannibal

State: MO Zip Code: 63401

Telephone: 573 - 221 - 5840 x

Partner Organization 10:

POC Name:

Address:

City:

State:

Zip Code:

Telephone: - - x

Partner Organization 11:

POC Name:

Address:

City:

State:

Zip Code:

Telephone: - - x

Partner Organization 12:

POC Name:

Address:

City:

State:

Zip Code:

Telephone: - - x

Partner Organization 13:

POC Name:

Address:

City:

State:

Zip Code:

Telephone: - - x

Partner Organization 14:

POC Name:

Address:

City:

State:

Zip Code:

Telephone: - - x

Partner Organization 15:

POC Name:

Address:

City:

State:

Zip Code:

Telephone: - - x

Double click on spreadsheet to access data entry fields and to enter Partner names:

	Local Corps Office	Handshake Funds	FOREST Council	NWTF	WTU	MDC
Salaries	\$8,000	N/A	\$0	\$0	\$0	\$0
Travel	\$0	N/A	\$0	\$0	\$0	\$0
Materials and Supplies	\$4,500	\$12,000	\$4,000	\$1,000	\$2,000	\$0
Equipment Use	\$0	\$0	\$0	\$0	\$0	\$0
Funds Contributed	N/A	N/A	\$0	\$0	\$0	\$0
Personal Property	N/A	N/A	\$0	\$0	\$0	\$0
Volunteer	N/A	N/A	\$0	\$0	\$0	\$0
In-Kind Services	N/A	N/A	\$9,000	\$0	\$11,000	\$3,000
Other (explain below)	\$0	\$8,000	\$0	\$0	\$0	\$0
Total	\$12,500	\$20,000	\$13,000	\$1,000	\$13,000	\$3,000
Share of Total Cost	16.4%	26.3%	17.1%	1.3%	17.1%	3.9%

	SMMBCH	FFA	NARFE	Perry	HCTC	Partner 10
Salaries	\$0	\$0	\$0	\$0	\$0	\$0
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0
Equipment Use	\$0	\$0	\$0	\$0	\$0	\$0
Funds Contributed	\$0	\$0	\$0	\$0	\$0	\$0
Personal Property	\$0	\$0	\$0	\$0	\$0	\$0
Volunteer	\$0	\$0	\$0	\$0	\$0	\$0
In-Kind Services	\$2,500	\$2,000	\$2,000	\$3,000	\$4,000	\$0
Other (explain below)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,500	\$2,000	\$2,000	\$3,000	\$4,000	\$0
Share of Total Cost	3.3%	2.6%	2.6%	3.9%	5.3%	0

	Partner 11	Partner 12	Partner 13	Partner 14	Partner 15	Total
Salaries	\$0	\$0	\$0	\$0	\$0	\$8,000
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$23,500
Equipment Use	\$0	\$0	\$0	\$0	\$0	\$0
Funds Contributed	\$0	\$0	\$0	\$0	\$0	\$0
Personal Property	\$0	\$0	\$0	\$0	\$0	\$0
Volunteer	\$0	\$0	\$0	\$0	\$0	\$0
In-Kind Services	\$0	\$0	\$0	\$0	\$0	\$36,500
Other (explain below)	\$0	\$0	\$0	\$0	\$0	\$8,000
Total	\$0	\$0	\$0	\$0	\$0	\$76,000
Share of Total Cost	0.0%	0.0%	0.0%	0.0%	0.0%	100%

Explanations:

Handshake funds shall be utilized to fund:

- IDIQ Contract to provide construction services (earthwork)
- Materials for shooting pavilion, archery range, and 3-D archery trail
- Crushed Stone
- Signage for range area

Partner Contributions:

MTL FOREST Council – Contribute resources and services to acquire targets, and coordinate in-kind contributions.

NWTF – Contribute resources and in-kind services to acquire targets, archery range construction, and archery trail construction.

WTU - Contribute resources and in-kind services to acquire targets, archery range construction, and archery trail construction.

MDC – Contribute in-kind services to design archery range.

SMMBCH – In-kind contribution to install safety barrier

NARFE – Contribute in-kind services to construct target standards and range amenities.

HCTC – Contribute in-kind services to construct shooting shelter

FFA – Contribute in-kind services to construct target standards and range amenities.

PERRY – Contribute in-kind services for site design and layout of archery range and archery trail, and installation of range amenities.

Note: Overall project development cost shall be \$76,000.00. Maintenance requirements provided by the MTL FOREST Council are valued at \$2,500.00 annually. Maintenance contribution value projected over the life of the project shall be \$75,000.00. Total project value for facility over expected operational life is \$145,100.00.



Trail to 14 Station
Archery Trail

3D Range
with Elevated
Platform
(Future)



Practice/
Event Range

Youth
Range



US Army Corps
of Engineers®

Clarence Cannon Dam and Mark Twain Lake
Frank Russell Recreation Area/NEMOESDA Area
Archery Park

Handshake Partnership Program - 2016
Practice/Event Range, 14 Station Archery Trail, and Parking – Phase 1



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Clarence Cannon Dam and Mark Twain Lake
Archery Park
Frank Russell Recreation Area

Handshake Partnership Program - 2016
14 Station Archery Trail Course – Phase 1



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Clarence Cannon Dam and Mark Twain Lake
Archery Park
Frank Russell Recreation Area/NEMOESDA Area

Handshake Partnership Program - 2016
Typical Facilities and Amenities