

National Park Service
Challenge Cost Share Project Accomplishment Report

Return form to: Lewis and Clark National Historic Trail, Challenge Cost Share Program, 601 Riverfront Drive, Omaha, NE 68102

Project Name or Title: Lewis and Clark gNET Enterprise Resource Planning & Interactive Map Server

Project Number: CCS # FY03-133

Project Coordinator: Dr. Ken Dick

Address, Phone, & Email:

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Field Area: Midwest Region

Park or Trail: Lewis and Clark National Historic Trail

Briefly describe the Trail project products and results in measurable terms (provide details so that project results and benefits can be publicized). Attach reports, documents, pictures, invoices and/or final product example as needed:

During the 2003 fiscal year (FY 03), the following tasks were completed.

- Researched and implemented optimization for the website
- Optimized website for dial-up connectivity
- Initiated contact with Red Hen Systems for river fly-bys
- Created online application for Challenge Cost Share Program
- Received donation of Network Appliance 13 terabyte disk array (NAS) for storage
- Set up NAS to work with the Interactive Map server
- Researched and developed SVG mapping system
- Purchased and configured 10 licenses of Cleaner XL
- Developed an advanced video compression system utilizing both Windows Media Player and QuickTime
- Created administrative job queue for more efficient assignment and follow through of employee tasks
- Created the Press page
- Developed a digital presentation for the Board of Regents
- Presentations at Education conferences
- Set up booth at Lewis and Clark Landing dedication
- Met with the US Army Corps of Engineers and planned interactive map section
- Create Tourist version of interactive maps
- Created Follow the Trail section
- Purchased Macintosh computers for video production, cross platform development and error checking for content manager

- Hired video producer to assist with NPS video production
- Hired new video editors
- Came up with feature video, highlight video, and archive video formats for video collection
- Enhanced Tape Tracker
- Created new video pages with enhanced searching capabilities
- Created submission forms for LC related websites, lesson plans, and events
- Implemented events, GPS synchronization, and streaming fly-bys videos
- Developed flash database and interface for Trivia section
- Designed new interface and graphics for website with embedded flash technology
- Researched usage statistics
- Researched UPS vendors
- Completed 33 complete video presentations consisting of 148 video parts
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List All Participating Partners: (Include Federal Agencies and Native American participants as specified in original grant application or additional involvement since beginning.)

The Peter Kiewit Institute
 University of Nebraska at Omaha
 Army Corps of Engineers
 IBM
 ESRI

First National Technologies
 Network Appliance
 Red Hen Systems, Inc.

Detail Volunteers used: (Attach volunteer worksheet if volunteers are used during the project and CCS funds are used to directly support them.)

Number of Volunteers: 0 Total Number of Hours: 0

Rate/value used for cost accounting: \$_____0_____

(NPS value for volunteers is \$17.69 per hour.)

Justification for rate if different than NPS value:

Where and how have you acknowledged NPS support?

NPS is acknowledged on all published materials, printed or electronic, using links to the NPS website and/or NPS logos. Additionally, when tours of PKI are given to prospective students, visiting business leaders, and government officials, the NPS/PKI partnership is always highlighted as a stop on the tour, pointing out equipment purchased or donated for the project, as well as describing the support NPS has given through the collection and management of video tapes from the Corps II traveling exhibit.

