

**Department of the Interior
National Park Service
COOPERATIVE AGREEMENT**

Task Order Number: 02-10

Effective Date: June 1, 2002 through 06/20/04

TO PROVIDE PROJECT FUNDING UNDER COOPERATIVE AGREEMENT CA238099001

COOPERATOR: Colorado State University
Sponsored Programs
Fort Collins, CO 80523
Dr. Jim Loftis, Principal Investigator, 970/491-2667
ATTN: Carmen Morales, 970/491-6684

AGENCY: National Park Service,
National Resource Information Division
1201 Oak Ridge Dr.
Ft. Collins, CO 80525
ATTN: Mike Whatley 970/225-3541

Project Title: Guidance and technical support to the Natural Resource Program Center (NRPC) of the National Park Service, incorporating the latest natural resource education methods and techniques.

FISCAL YEAR 2002 FUNDING:

Acct 2370-0002-NII-N-252R-2-\$110,000.) 237,000
2370-0002-NDY-N-252R-2-\$120,000.

The Scope of Work Is: Attached hereto and incorporated herein

This Task Order is subject to all General Provisions included in the Cooperative Agreement, dated 06/21/99. The term of the Cooperative Agreement is from 06/21/99 to 06/20/04.

National Park Service

Colorado State University

Signature: 

Signature: 

Name: Shirley J. Norton

Name:

Kathi Delehoy

Title: Contracting Officer

Title:

Assistant Vice President for Research

Date: 07-30-02

Date:

8/27/02

Description: One of the many capabilities of Colorado State University (CSU) is providing a sound foundation in natural resource communication, education and information management. This foundation includes: education instructional methods and techniques, networking and training; knowledge and experience in Web application programming and deployment.

CSU will provide support to the Natural Resource Program Center (NRPC) information infrastructure by evaluating the current developments in the academic and private educational communities concerning natural resource education programs and activities. It will make recommendations and provide support that will allow NRPC to remain on the cutting edge of natural resource education and facilitate their ability to provide educational products and services to others at the national, state and local level.

Two branches within the Natural Resources Information Division (NRID), Systems Management and Inventory and Monitoring (I&M), are currently developing and maintaining several natural resource databases and Servicewide applications. CSU will also provide support to the Systems Management and I&M Branches in designing, developing and maintaining data management and reporting systems. It will provide systems analysis support, computer programming, database analysis and application deployment for division systems. CSU will also assist with developing integrated approaches for ecosystem management based on a thorough understanding of the principles and concepts of natural resource data models and distributed database applications.

CSU's support to the NRPC will vary in degree, but will include assisting NRPC staff with presenting natural resource educational workshops and seminars, providing support for NRPC oversight of Learning Center programs, evaluating existing NPS environmental education and outreach programs, review of national and regional educational organizations (and the possible establishment of networking and potential partnership opportunities), review of state curriculum standards (and their application of natural resource education), and development of activities and educational materials for NPS Internet and intranet sites. In addition, based on current literature and product and service information, CSU staff may recommend programs and techniques necessary to maintain state-of-the-art educational programs and activities, and when necessary make recommendations for additional technical expertise.

CSU's support to the NRPC will include assisting NRID staff develop and administer Servicewide databases and applications used to manage natural resource information for more than 265 units of the National Park System. Support will include assisting NRID staff develop, document, and maintain programming code for applications including but not limited to the Research Permit and Reporting System (RPRS), Natural Resource Management and Assessment Program (NRMAP), NPSpecies, NatureBib and Dataset Catalog.

NPS-CSU CA 238099001: Task Order 02- 10
 Period: 6/1/2002 – 9/30/2004

Specifically, CSU's support will include assisting NRID staff maintain programming code (Java or Visual Basic) for Servicewide client and Web applications; design and deploy Oracle objects, distributed relational database management systems, Structured Query Language (SQL), Procedural Language SQL (PL/SQL), Java database connectivity (JDBC), Open database connectivity (ODBC) and object-oriented database technologies; convert, create and integrate multi-source data sets; administer and trouble-shoot Web servers; develop user interfaces using HTML, DHTML, CFML, XML, stylesheets and Javascript; and evaluate emerging technologies in Web-based data management.

<u>Principal Investigators</u>	<u>Affiliation</u>
Dr. Jim Loftus	Colorado State University Department of Civil Engineering
Michael Whatley	National Park Service Information Services Branch
Nina Roberts	National Park Service Information Services Branch
Tim Goddard	National Park Service Systems Management Branch
Marianne Tucker	National Park Service Systems Management Branch
Joe Gregson	National Park Service Inventory and Monitoring Branch

Budget to Date:

CA 238099001 - Initial Task Order: 02-04	\$52,690.00
CA 238099001 - Task Order 02-10	<u>\$230,000.00</u>
CA 238099001 - Total	\$282,690.00

Salary Description	Salary Amount
Faculty Support - Information Services Branch	\$800.00
Information Services Branch R.A.	\$12,800.00
Fringe Benefits at 19.1%	\$2,440.00
Travel	\$1,351.00
Subtotal Information Services R.A.	\$17,391.00
Faculty Support - Systems Management Branch	\$3,157.00
Systems Management Branch R.A. (15 Mo)	\$67,000.00
Fringe Benefits at 19.1%	\$12,800.00
Travel/Professional Development	\$4,000.00
Subtotal Systems Management R.A.	\$86,957.00
Faculty Support - I&M Branch	\$5,050.00
Inventory and Monitoring Branch	

R.A. #1 (9 Mo)	\$52,500.00
Fringe Benefits at 19.1%	\$10,028.00
Inventory and Monitoring Branch R.A. #2 (4 Mo)	\$18,184.00
Fringe Benefits at 19.1%	\$4,294.00
Professional Development for Two R.A.s	\$2,596.00
Travel for Two R.A.s	\$3,000.00
Subtotal Inventory and Monitoring R.A.s	\$95,652.00

Total All R.A. Costs	\$200,000.00
Overhead at 15%	\$30,000.00
Total CA 238099001	\$230,000.00

* Systems Management contribution=\$100,000; Information Services contribution=\$20,000

NATIONAL PARK SERVICE

COOPERATIVE AGREEMENT NUMBER: CA 1200-99-009

COLORADO STATE UNIVERSITY

TASK AGREEMENT NUMBER: J2370030060 (Reference this Number on Invoices)

PARK: Natural Resource Program Center (NRPC)

PROJECT: Guidance & Technical Support to NRPC

INVESTIGATOR: Jim Loftus

PHONE:

PROJECT NUMBER: CSU-56/IMDE-R03-0008

5-32933

COST: \$286,493.00

**ACCOUNT: 2370-0001-NII \$241,493
2370-0002-NDY \$45,000**

INSTITUTION CONTACT: Mary Atella - 970-491-2083

NPS KEY OFFICIAL: Marianne Tucker - 970-225-3589

FUND SOURCE(S): WASO Funds

INVOICE PROJECT SCHEDULE: Project Initiation - January 1, 2003

Invoices Payable Monthly for Costs Incurred

Invoice Payable Final Report - September 30, 2004

*** **INVOICES ARE PAYABLE UPON THE DATES ABOVE ONLY IF THE REPORT HAS BEEN RECEIVED AND APPROVED BY THE NPS KEY OFFICIAL.**



PROJECT APPROVAL

**National Park Service
Intermountain Region Office- Denver**

Colorado State University

Signature: Lynell B. Wright

Signature: _____

Name: Lynell Wright

Name: _____

Title: Budget Analyst

Title: _____

Date: 1-16-2003

Date: _____

Signature: Thomas J. Forsyth

Signature: _____

Name: Thomas J. Forsyth

Name: _____

Title: Contracting Officer

Title: _____

Date: 1/16/2003

Date: _____

~~1200-99-009~~
NPS-CSU CA ~~238099004~~; Task Order J237030060
Period: 1/1/2003 – 9/30/2004

Title: Guidance and technical support to the Natural Resource Program Center (NRPC) of the National Park Service, incorporating the latest natural resource education methods and techniques.

Description:

One of the many capabilities of Colorado State University (CSU) is providing a sound foundation in the management of natural resource information. This foundation includes knowledge and experience in database management and Web application programming and deployment.

CSU will provide support to the Natural Resource Program Center (NRPC) information infrastructure by facilitating their ability to provide Web applications and database services for natural resource information. Two branches within the Natural Resources Information Division (NRID), Systems Management and Inventory and Monitoring (I&M), are currently developing and maintaining several natural resource databases and Servicewide applications. CSU will provide support to the Systems Management and I&M Branches in designing, developing and maintaining data management and reporting systems. It will provide systems analysis support, computer programming, database analysis and application deployment for division systems. CSU will also assist with developing integrated approaches for ecosystem management based on a thorough understanding of the principles and concepts of natural resource data models and distributed database applications. CSU staff will assist with evaluating current technologies and may recommend programs and techniques that will allow NRPC to remain in the forefront of natural resource information management technology.

CSU's support to the NRPC will include assisting NRID staff develop and administer Servicewide databases and applications used to manage natural resource information for more than 265 units of the National Park System. Support will include assisting NRID staff develop, document, and maintain programming code for applications including but not limited to the Research Permit and Reporting System (RPRS), Natural Resource Management and Assessment Program (NRMAP), NPSpecies, NatureBib and Dataset Catalog. CSU staff will assist NRID staff with user support, including training classes, planning seminars, phone and email support.

Specifically, CSU's support will include assisting NRID staff maintain programming code (Java or Visual Basic) for Servicewide client and Web applications; design and deploy Oracle objects, distributed relational database management systems, Structured Query Language (SQL), Procedural Language SQL (PL/SQL), Java database connectivity (JDBC), Open database connectivity (ODBC) and object-oriented database technologies; convert, create and integrate multi-source data sets; administer and trouble-shoot Web servers; develop user interfaces using HTML, DHTML, CFML, XML, stylesheets and Javascript; and evaluate emerging technologies in Web-based data management.

NPS-CSU CA 238099001: Task Order J237030060
 Period: 1/1/2003 – 9/30/2004

<u>Principal Investigators</u>	<u>Affiliation</u>
Dr. Jim Loftus	Colorado State University - Department of Civil Engineering
Tim Goddard	National Park Service - Systems Management Branch
Marianne Tucker	National Park Service - Systems Management Branch
Joe Gregson	National Park Service - Inventory and Monitoring Branch
Lisa Nelson	National Park Service - Inventory and Monitoring Branch

Budget to Date:

CA 238099001 – Initial Task Order: 02-04	\$52,690.00
CA 238099001 – Task Order 02-10	<u>\$230,000.00</u>
CA 238099001 - Total	\$282,690.00

Budget for CA 238099001: Task Order J237030060 for the period 1/1/2003 – 9/30/2004
 (NPS Accounts: \$241,493 from 2370-0001-NII; \$45,000 from 2370-0002-NDY)

Salary Description	Salary Amount
Faculty Support - Systems Management Branch	\$2,250.00
Systems Management Branch R.A.	\$28,746.00
Fringe Benefits at 19.6%	\$5,634.00
Travel/Professional Development	\$2,500.00
Subtotal Systems Management R.A.	\$39,130.00
Faculty Support – I&M Branch	\$7,304.00
Inventory and Monitoring Branch R.A. #1	\$73,501.00
Fringe Benefits at 19.6%	\$14,406.00
Inventory and Monitoring Branch R.A. #2	\$45,805.00
Fringe Benefits at 19.6%	\$8,978.00
Inventory and Monitoring Branch R.A. #3	\$45,805.00
Fringe Benefits at 19.6%	\$8,978.00
Professional Development for Three R.A.s	\$5,217.00
Subtotal Inventory and Monitoring R.A.s	\$209,994.00
Total All R.A. Costs	\$249,124.00
Overhead at 15%	\$37,369.00
Total CA 238099001	\$286,493.00

-2521

S-32933



United States Department of the Interior

NATIONAL PARK SERVICE
BUDGET AND FINANCE TEAM
INTERMOUNTAIN REGION
12795 West Alameda Parkway
Post Office Box 25287
Denver, Colorado 80225-0287

AS 3209

LOFTIS
2933 (1)

03 JAN 21 PM 4:16

RECEIVED
SPONSORED PROGRAMS
BB

CANNOT FIND
PROPOSAL FILE - NOT
SURE THERE IS
ONE -

*Jim Loftis
1-26-03*

IN REPLY REFER TO:

January 16, 2003

Ms. Mary Atella
Colorado State University
Office of Sponsored Programs
Ft. Collins, CO 80523-2002

Reference: Task Agreement No. CSU-56 authorized by Cooperative
Agreement No. CA-1200-99-009

Dear Ms. Atella:

Enclosed with this letter is a referenced task agreement, authorizing funding amount, invoice schedule, and a contact sheet. Please reference task agreement number for all invoices.

Please review the enclosed documents. If there are any questions, please contact me at (303) 969-2654. If there are no concerns requiring revisions, sign original task agreements and return one original to the above address, Attn: Lynell Wright, Mail Stop IMR-DB. Please keep one original for your files.

A copy of the enclosed materials should be forwarded to the designated Principal Investigator.

Sincerely,

Lynell L. Wright

Lynell L. Wright
Budget Analyst

Enclosure

LISA Nelson, Marianne Tucker

FAX 225-3585



United States Department of the Interior

NATIONAL PARK SERVICE
ADMINISTRATIVE PROGRAM CENTER
12795 W. Alameda Parkway
P.O. Box 25287
Denver, Colorado 80225-0287

2933(?) Loftis AG

2933

July 31, 2002

~~Ms. Carmen Morales~~
Colorado State University
Office of Sponsored Research
Fort Collins, CO 80525
970/491-6684

Mary Atella

RECEIVED
SPONSORED PROGRAM
02 AUG -1 PM 2:27

Subject: Cooperative Agreements CA2380990001

Dear Ms. Morales:

Enclosed are signed copies of Task Orders 00-01, Mod. 3; 01-07, Mod. 1; 01-20, Mod. 1; 01-50, Mod. 2; 01-51, Mod. 1; 01-52, Mod. 1; 01-54, Mod. 1; 02-08; 02-09; 02-10; 02-11; 02-12; 02-13; to the above mentioned cooperative agreement between your organization and the National Park Service.

I have signed the copies and am sending them to you for your review and signature. Please return three (3) copies to me at National Park Service, Attn.: Shirley Norton, APC-IS, 12795 W. Alameda Parkway, PO Box 25287, Denver, CO 80225

If there are any questions and/or concerns, please contact me at 303/969-2748; 303/969-2795 - fax.

Sincerely,

Shirley Norton

Shirley J. Norton
Contracting Officer
NPS, APC-IS

822.02 - Mark

① proposal - deal
SOW + SP 1

Post-it® Fax Note	7671	Date	8-23-02	# of pages	5
To	<i>Jane L.</i>	From	<i>Milka</i>		
Co./Dept.		Co.			
Phone #		Phone #			
Fax #	1-2828	Fax #	1-6147		

NPS-CSU CA 238099001: Task Order 02- 10
Period: 6/1/2002 – 9/30/2004

**Department of the Interior
National Park Service
COOPERATIVE AGREEMENT**

Task Order Number: 02-10

Effective Date: June 1, 2002 through 06/20/04

TO PROVIDE PROJECT FUNDING UNDER COOPERATIVE AGREEMENT CA238099001

COOPERATOR: Colorado State University
Sponsored Programs
Fort Collins, CO 80523
Dr. Jim Loftis, Principal Investigator, 970/491-2667
ATTN: Carmen Morales, 970/491-6684

AGENCY: National Park Service,
National Resource Information Division
1201 Oak Ridge Dr.
Ft. Collins, CO 80525
ATTN: Mike Whatley 970/225-3541

Project Title: Guidance and technical support to the Natural Resource Program Center (NRPC) of the National Park Service, incorporating the latest natural resource education methods and techniques.

FISCAL YEAR 2002 FUNDING:

Acct 2370-0002-NII-N-252R-2-\$110,000.) 230,000
2370-0002-NDY-N-252R-2-\$120,000.)

The Scope of Work Is: Attached hereto and incorporated herein

~~This Task Order is subject to all General Provisions included in the Cooperative Agreement, dated 06/21/99. The term of the Cooperative Agreement is from 06/21/99 to 06/20/04.~~

National Park Service

Colorado State University

Signature: 
Name: Shirley J. Norton

Signature:
Name:

Title: Contracting Officer

Title:

Date: 07-30-02

Date:

NPS-CSU CA 238099001: Task Order 02- 10
Period: 6/1/2002 – 9/30/2004

Description: One of the many capabilities of Colorado State University (CSU) is providing a sound foundation in natural resource communication, education and information management. This foundation includes: education instructional methods and techniques, networking and training; knowledge and experience in Web application programming and deployment.

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NPS-CSU CA 238099001: Task Order 02- 10
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Nina Roberts	National Park Service Information Services Branch
Tim Goddard	National Park Service Systems Management Branch
Marianne Tucker	National Park Service Systems Management Branch
Joe Gregson	National Park Service Inventory and Monitoring Branch

Budget to Date:

CA 238099001 - Initial Task Order: 02-04	\$52,690.00
CA 238099001 - Task Order 02-10	<u>\$230,000.00</u>
CA 238099001 - Total	<u>\$282,690.00</u>

Salary Description	Salary Amount
Faculty Support - Information Services Branch	\$800.00
Information Services Branch R.A.	\$12,800.00
	0
Fringe Benefits at 19.1%	\$2,440.00
Travel	\$1,351.00
Subtotal Information Services R.A.	\$17,391.00
	0
Faculty Support - Systems Management Branch	\$3,157.00
Systems Management Branch R.A. (15 Mo)	\$67,000.00
	0
Fringe Benefits at 19.1%	\$12,800.00
	0
Travel/Professional Development	\$4,000.00
Subtotal Systems Management R.A.	\$86,957.00
	0
Faculty Support - I&M Branch	\$5,050.00
Inventory and Monitoring Branch	

NPS-CSU CA 238099001: Task Order 02- 10
 Period: 6/1/2002 – 9/30/2004

R.A. #1 (9 Mo)	\$52,500.0 0
Fringe Benefits at 19.1%	\$10,028.0 0
Inventory and Monitoring Branch R.A. #2 (4 Mo)	\$18,184.0 0
Fringe Benefits at 19.1%	\$4,294.00
Professional Development for Two R.A.s	\$2,596.00
Travel for Two R.A.s	\$3,000.00
Subtotal Inventory and Monitoring R.A.s	\$95,652.0 0
Total All R.A. Costs	\$200,000. 00
Overhead at 15%	\$30,000.0 0
Total CA 238099001	\$230,000. 00

* Systems Management contribution=\$100,000; Information Services contribution=\$20,000

2933
Loftis

Department of the Interior
National Park Service
COOPERATIVE AGREEMENT

Task Order Number: 02-10, Mod. 1**

**Unilateral Modification 1 issued to move funding from one organizational unit to another organizational unit of the WASO Natural Resource Program Center. Total Funding amount for task order will remain the same. (Ln 126)

Effective Date: June 1, 2002 through 06/20/04

TO PROVIDE PROJECT FUNDING UNDER COOPERATIVE AGREEMENT CA238099001

COOPERATOR: Colorado State University
Sponsored Programs
Fort Collins, CO 80523
Dr. Jim Loftis, Principal Investigator, 970/491-2667
ATTN: Carmen Morales, 970/491-6684

AGENCY: National Park Service,
National Resource Information Division
1201 Oak Ridge Dr.
Ft. Collins, CO 80525
ATTN: Mike Whatley 970/225-3541

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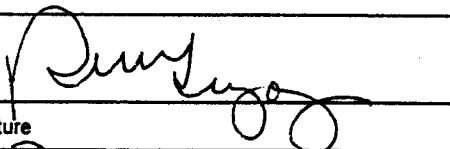
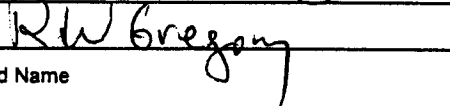
FISCAL YEAR 2002 FUNDING:
(Ln 126) Account: 2370-0002-NDY-N-252R-2-(-\$20,000)
New Line Account: 2380-0003-NWZ-N-252R-2+\$20,000.

Total funding for task order remains at \$230,000.

The Scope of Work Is: Previously submitted.

This Task Order is subject to all General Provisions included in the Cooperative Agreement, dated 06/21/99. The term of the Cooperative Agreement is from 06/21/99 to 06/20/04.

National Park Service	Colorado State University
Signature: <u>Shirley J. Norton</u>	Signature:
Name: <u>Shirley J. Norton</u>	Name:
Title: <u>Contracting Officer</u>	Title:
Date: <u>10/04/02</u>	Date:

Purchase Request (DRAFT)	Title R2370020109 Task Order 02-04	Document Number R2370020109	Page 1 of 2
	Purchase Request Date 04/11/2002	Acctg Period /	Priority
Requestor Marilyn Kunzie (970) 225-3544 ext.		Type of Action <input type="radio"/> Simplified Purchase <input type="radio"/> Task Order <input type="radio"/> Competitive Contract <input type="radio"/> GSA Schedule <input type="radio"/> Non-Competitive Contract <input type="radio"/> Fed. Supply Schedule <input type="radio"/> Interagency Agreement <input type="radio"/> 8a Contract <input type="radio"/> Delivery Order <input type="radio"/> Modification	
Requesting Office WASO -NRID - Natural Resource Info. Div. - Ft. Collins, C		Ship To No Shipping Information Attn:	
Issuing Office APC - Administrative Program Center Denver		Phone: () - ext. Fax: () - ext.	
Contact Mike Whatley 970/225-3541		Delivery Date	
Schedule Number		Comments NPS Contact - Mike Whatley 970/225-3541 CSU Contact - Jim Loftus 970/491-2667	
BPA Number			
Contract Number			
Suggested Vendor(s) COLORADO STATE UNIVERSITY			
Funding \$52,690.00			
Approval:			
 Signature		11 Apr 02 Date	
 Printed Name			

Line Item Summary

Document Number

R23700201

Title

R2370020109 Task Order 02-04

Page

2 of 2

Total Funding: \$52,690.00

FYs	Fund	Budget Org	Sub	Object Class	Sub	Program	Cost Org	Sub	Proj/Job No.	Sub	Reporting Category
2002		2370		255B		NII			0001		
Division		Closed FYs		Cancelled Fund							

Line Item

Number	Description	(Start Date to End Date)	Quantity	Unit of Issue	Unit Price	Total Cost (Includes Discounts)
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0001	CA238099001 Task Order 02-04		1.00	ea	\$52,690.000	\$ 52,690.00
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Period of Performance 06/01/02 - 09/30/03

Total Cost: \$52,690.00

NPS-CSU CA 238099001: Task Order 02-04

Title: Guidance and technical support to the Natural Resource Program Center (NRPC) of the National Park Service, incorporating the latest natural resource education methods and techniques.

Description:

One of the many capabilities of Colorado State University (CSU) is providing a sound foundation in natural resource communication and education. This foundation includes education instructional methods and techniques, networking and training.

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Principal Investigators:

Michael Whatley, M.S. National Park Service
970/225-3541

Nina Roberts, M.S. National Park Service

Dr. Jim Loftus
Civil Engineering; Engineer. So./Glover
Colorado State University
Fort Collins, CO 80523
970/491-2667

Budget:

CA238099001: Task Order 02-04

\$50,703.00

Period of Performance: 6/1/02 – 09/30/03

Salaries (CSU Research Associate)	\$32,565.00
Fringe Benefits at 19.1%	\$6,252.00
Salary support (CSU Principal Investigator)	\$2,000.00
Travel	\$5,000.00
Subtotal	\$45,817.00
Overhead (15%)	\$6,873.00
Total	\$52,690.00

(Includes fringe)

Fund Allocation:

2370-0001-NDY

\$52,690.00



Sponsored Programs
Phone: (970) 491-6355
Fax: (970) 491-6147

FAX TRANSMISSION

PLEASE DELIVER THE FOLLOWING PAGES TO:

Name: Joanie Graham

Location: _____

FAX: 1-2828 Phone: _____

FROM: Candace Jeffery

Phone: 1-0537

REMARKS: Joanie - here's the Septis
Task Order (#52,690)

DATE TRANSMITTED: 6-3-02 TIME: 2:50 P.M.

NUMBER OF PAGES, EXCLUDING THIS TRANSMITTAL SHEET: _____

If you did NOT receive complete transmission, please call as soon as possible.

Department of the Interior
National Park Service
COOPERATIVE AGREEMENT

Task Order Number: 02-04

Effective Date: June 1, 2002 through September 30, 2003

TO PROVIDE PROJECT FUNDING UNDER COOPERATIVE AGREEMENT: CA238099001

COOPERATOR: Colorado State University
Sponsored Programs
Fort Collins, CO 80523
Dr. Jim Loftis, Principal Investigator, 970/491-2667
ATTN: Carmen Morales, 970/491-6684

AGENCY: National Park Service,
National Resource Information Division
1201 Oak Ridge Dr.
Ft. Collins, CO 80525
ATTN: Mike Whatley 970/225-3541

Project Title: Guidance and technical support to the Natural Resource Program Center (NRPC) of the National Park Service, incorporating the latest natural resource education methods and techniques.

FISCAL YEAR 2002 FUNDING:

Acct No. 2370-0001-NDY-N-252R-2-\$52,690.00

The Scope of Work Is: Attached hereto and incorporated herein

This Task Order is subject to all General Provisions included in the Cooperative Agreement, dated 06/21/99. The term of the Cooperative Agreement is from 06/21/99 to 06/20/04.

National Park Service

Colorado State University

Signature: Shirley J. Norton

Signature:

Name: Shirley J. Norton

Name:

Title: Contracting Officer

Title:

Date: 04-30-02

Date:

Task Order 02-04

Description: Provide a sound foundation in natural resource communication and education. This foundation includes education instructional methods and techniques, networking and training.

CSU will provide support to the Natural Resource Program Center (NRPC) information infrastructure by evaluating the current developments in the academic and private educational communities concerning natural resource education programs and activities. It will make recommendations and provide support that will allow NRPC to remain on the cutting edge of natural resource education and facilitate their ability to provide educational products and services to others at the national, state, and local level.

CSU's support to the NRPC will vary in degree, but will include assisting NRPC staff with presenting natural resource educational workshops and seminars, providing support for NRPC oversight of Learning Center programs, evaluating existing NPS environmental education and outreach programs, review of national and regional educational organizations (and the possible establishment of networking and potential partnership opportunities), review of state curriculum standards (and their application to natural resource education), and development of activities and educational materials for NPS internet and intranet sites. In addition, Based on current literature and product and service information, CSU staff may recommend programs and techniques necessary to maintain state-of-the-art educational programs and activities, and when necessary, make recommendations for additional technical expertise.

Principal Investigators:

Michael Whatley, M.S. National Park Service, 970/225-3541
Nina Roberts, M.S. National Park Service

Dr. Jim Loftus, Civil Engineering; Engineer, Colorado State University

Budget

Salaries (CSU Research Associate)	\$32,565.00
Fringe Benefits at 19.1%	\$6,252.00
Salary support (CSU Principal Investigator)	\$2,000.00
Travel	\$5,000.00
Subtotal	\$45,817.00
Overhead (15%)	\$6,873.00
Total	\$52,690.00