


Fwd: Executed Task Agreement P18AC00951, \$33,000

Wallen, Rick L <Rick_Wallen@nps.gov>

Wed 7/18/2018 5:00 PM

To: Matthew Kauffman <mkauffm1@uwyo.edu>; Geremia, Chris J <Chris_Geremia@nps.gov>; Jerod Merkle <jmerkle@uwyo.edu>

 3 attachments (877 KB)

Award Doc P18AC00951.pdf; PRISM Doc.pdf; ATR Designation Letter.pdf;

This note signifies that the cooperative agreement is back in your court Matt. As soon as you can get Farrell to sign the agreement we will be in business.

The NPS contracting business is now finished.

RW

----- Forwarded message -----

From: **IMR Financial Assistance, NPS** <fa-imr@nps.gov>

Date: Wed, Jul 18, 2018 at 11:01 AM

Subject: Executed Task Agreement P18AC00951, \$33,000

To: UWY CESU <osterman@uwyo.edu>, fgraf@uwyo.edu, Rick Wallen <Rick_Wallen@nps.gov>

Cc: Brendan Moynahan <brendan_moynahan@nps.gov>, Wyoming Cooperative Fish and Wildlife Research Unit <mkauffm1@uwyo.edu>

Executed Task Agreement Number: **P18AC00951** , is authorized by Master Cooperative Agreement Number : P18AC00946

The attached documents contain the referenced task agreement, authorizing the funding amount, project schedule, and contact sheet. Please reference the Task Agreement # on all correspondence.

- Please review the enclosed documents and print a copy for your files, as no hard copy will follow. Please sign and return the PRISM Obligation Document and AWARD DOC (statement of work).

- **RICK ONLY:** The attached ATR Designation Letter has an acknowledgement of receipt that needs to be signed and returned.

PLEASE SEND ALL CORRESPONDENCE TO: FA-IMR@NPS.GOV

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For any questions or concerns please contact me

Kelly L Adams

Grants Management Specialist
National Park Service/IMR-ACG
kelly_adams@nps.gov

303.969.2303

Task Agreement Number P18AC00951
Under
Master Cooperative Agreement P18AC00946
Between
The United States Department of the Interior
National Park Service
And
University of Wyoming
DUNS No: 069690956
University of Wyoming
Laramie, WY 82071

CFDA: 15.945

Project Title: Identifying Structure of the Yellowstone Bison Population

Park Unit or Program: YELL

CESU Name and Network Level Agreement Number: Rocky Mountain –CESU,
P14AC00749

Amount of Federal Funds Obligated: \$33,000

Amount of Non-Federal Funding: \$0.00

Total Amount of Task Agreement: \$33,000

Period of Performance: July 17, 2018 – December 31, 2022

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ARTICLE I – LEGAL AUTHORITY

Master Cooperative Agreement Number P14AC00749 was entered into by and between the Department of the Interior, National Park Service, (NPS), and University of Wyoming, (hereafter referred to as ‘Recipient’) pursuant to:

54 U.S.C. §100703, Cooperative Study Units.

Unless otherwise specified herein, all terms and conditions as stated in the master cooperative agreement will apply to this task agreement.

ARTICLE II – PROJECT GOALS AND OBJECTIVES

- A. Project Goals – The Yellowstone bison population is thought to exist in at least two separate breeding herds that use northern and central areas of Yellowstone National Park. Recent and dramatic increases in bison using northern areas and decreases in bison using central areas has raised concern that management removals have targeted the central breeding herd. Bison are managed under an Interagency Management Plan that limits population abundance and distribution. Under this plan, limited numbers of bison are allowed to migrate out of the park during winter with the remainder lethally removed when migrating beyond park boundaries. Based on counts during 2017, numbers of bison using central areas of the park may no longer be sufficient for long-term genetic conservation. However, there is some indication that the historic herd structure has broken down over time. If this is the case, with bison conforming to a single, intermixing population, then the current bison population is likely sufficiently large for long-term genetic conservation – although there are substantially fewer bison observed in central areas of the park.

The goals of this project are twofold. First, we aim to determine the number of breeding herds in the Yellowstone bison population and characterize their genetic makeup. Second, we aim to evaluate whether management removals that occur when bison migrate out of the park differentially affect breeding herd units. This project will identify minimum numbers of bison necessary to maintain the current genetic and herd structure of the population. In turn, this project will provide managers with new information to advise culling animals from the population in a manner that promotes long-term conservation.

- B. Project Objectives – The end result of the project is to prepare a paper suitable to a peer reviewable journal identifying breeding area spatial associations and genetic characterizations of Yellowstone bison and evaluate potential effects of management removals. The specific steps are to: 1) complete a network analysis of the spatial distribution of radio-collared bison; 2) determine the connectedness of breeding groups between years; 3) describe the genetic composition of breeding groups using mitochondrial markers; and 4) evaluate the risk of management removal to each breeding group.

ARTICE III – PUBLIC PURPOSE

This project fulfills the following public purpose statement that has been previously approved by NPS FA Management and the DOI Solicitors office for the Justification for Use of Financial Assistance document: “The scientific community and/or researchers external to NPS gains by new knowledge provided through research and related results dissemination of natural, cultural, and/or historical resource information.” The recipient will make the results of this project available to the scientific community and researches external to the NPS. The recipient will prepare a manuscript (paper) suitable to a peer-reviewable ecological or management scientific journal. The paper will provide the best information to date on the breeding distribution and genetic status of the Yellowstone bison population. This work will be of interest to a broad audience of researchers because the Yellowstone bison population represents the largest free-ranging plains bison population in the world and provides the best opportunity for evaluating breeding behavior/genetics in bison. The project and its outcomes will benefit youth, conservation of natural areas, and the external science community.

ARTICLE IV – STATEMENT OF WORK

GPS data collected by the NPS from adult female bison during 2003-2018 will be organized and shared with the recipient. Using these data, the recipient will complete a network analysis identifying nodes representing breeding areas and winter areas and edges representing connections among breeding and wintering areas between seasons and years. The NPS will also organize and share genetic information from a subset of the individuals used in the network analysis. The recipient will assimilate the genetic information with the network analysis to describe the genetic characterization of each node. The recipient will use findings from the network and genetic analyses to analyze the susceptibility of bison based on breeding area membership and genetic composition to out-of-park management removals.

ARTICLE V – RESPONSIBILITIES OF THE PARTIES

- A. Recipient Responsibilities:

1. The Recipient shall carry out the Statement of Work in accordance with the terms and conditions stated herein. The Recipient shall adhere to Federal, state, and local laws, regulations, and codes, as applicable.
2. Complete a network analysis of the spatial distribution of radio-collared bison identifying nodes representing breeding areas and winter areas and edges representing connections among breeding and wintering areas between seasons and years.
3. Evaluate the genetic composition of each node using mitochondrial haplotype marker data provided by the NPS.
4. Identify differences in susceptibility to out-of-park management removal of bison belonging to different breeding areas.
5. Complete a manuscript suitable to a peer-reviewable scientific journal summarizing work completed during this project. The recipient will be the lead author and lead this process.

B. NPS Responsibilities:

1. Monitor and provide Federal oversight of activities performed under this agreement. Monitoring and oversight includes review and approval of financial status and performance reports, payment request, and tasks identified below. Additional monitoring activities may include site visits, conference calls, and other on-site and off-site monitoring activities. At the Recipient's request, NPS may also provide additional technical assistance to the Recipient in support of the objectives of this agreement.
2. Substantial involvement by NPS is anticipated during the period of performance of this agreement. In support of this agreement NPS will be responsible for the following:
 - a. Organize and provide (to the recipient) radio-collar GPS data to the recipient collected during 2003-2018
 - b. Organize and provide (to the recipient) linked results from mitochondrial genetic analyses from a subset of radio-collared bison
 - c. Organize and provide linked survival and reproduction data from radio-collared bison
 - d. Assist recipient in defining biological periods for analysis such as breeding seasons, winter migratory periods, and timing of management removals
 - e. Review the attached

ARTICLE VI – TERM OF AGREEMENT

This task agreement shall remain in effect from July 17, 2019 until December 31, 2022, unless modified per Article X of this agreement.

ARTICLE VII – KEY OFFICIALS

A. Key officials are essential to ensure maximum coordination and communication between the parties and the work being performed. Under this task agreement they are:

1. For the NPS:

FA Awarding Officer (FAAO):

Kelly Adams
Financial Assistance Officer
National Park Service
Intermountain Region
12795 W. Alameda Parkway
Lakewood, CO 80228
Phone: 303-969-2303
Fax: 303-969-2786
Email: Kelly_adams@nps.gov

Agreement Technical Representative (ATR):

Rick Wallen
Wildlife Biologist
National Park Service
Bison Ecology and Management Team
PO Box 168
Yellowstone National Park, WY 82190
Phone: (307)344-2207
Fax: (307)344-2211
Email: rick_wallen@nps.gov

Project Coordinator:

Chris Geremia
National Park Service
Bison Ecology and Management Team
PO Box 168
Yellowstone National Park, WY 82190
Phone: (307)344-2584
Email: chris_geremia@nps.gov

CESU Research Coordinator:

Brendan Moynahan, Ph.D.
RM-CESU, National Park Service
The University of Montana
c/o Forestry 109
32 Campus Drive
Phone: 406.243.4449
Email: brendan_moynahan@nps.gov

2. For Recipient:

Principal Investigator:

Dr. Matt Kauffman
U.S. Geological Survey Wyoming Cooperative Fish and Wildlife Research Unit
Department of Zoology and Physiology University of Wyoming Laramie, WY 82071 email:
mkauffm1@uwyo.edu
office: 307-766-6404

Co-Principal Investigator:

Dr. Jerod Merkle
Department of Zoology and Physiology University of Wyoming Laramie, WY 82071 email:
jmerkle@uwyo.edu

Administrative Contact:

Farrell Rapp
Research Services Manager
University of Wyoming
Office of Research and Economic Development
Laramie, WY 82071
Phone (307) 766-5320; 307 766 2047
Fax (307) 766-2608
Email fgraf@uwyo.edu

ARTICLE VIII – AWARD AND PAYMENT

- A. NPS will provide funding to Recipient in an amount not to exceed \$33,000 for the work described in Article IV and in accordance with the approved budget for this task agreement (Attachment A). Any award beyond the current fiscal year is subject to availability of funds.
- B. Recipient shall request payment as set forth in the master cooperative agreement.

ARTICLE IX – REPORTS AND/OR OUTPUTS/OUTCOMES

- A. The following table sets forth the reporting requirements for this agreement.

Required Reports	Report Requirements and Due Dates
Performance Report	
Format	No specific format required. See content requirements in 2 CFR 200.327-329.
Reporting Frequency	Annual
Reporting Period	Jan 1 – Dec 31
Due Date	Within 90 days after the end of the Reporting Period.
Submit to:	Rick_Wallen@nps.gov
Federal Financial Report	
Format	SF-425 (all applicable sections must be completed)
Reporting Frequency	Annual
Reporting Period	Jan 1 – Dec 31
Due Date	Within 90 days after the end of the Reporting Period.
First Report Due Date	The first Federal financial report is due for reporting period ending December 31, 2018
Submit to:	Rick_Wallen@nps.gov

- B. A final Performance Report and a final Federal Financial Report will be due 90 days after the end-date of the Term of Agreement. Each report shall be submitted as described above.

ARTICLE X – MODIFICATION, REMEDIES FOR NONCOMPLIANCE AND TERMINATION

- A. This agreement may be modified at any time, prior to the end of the period of performance, only by a written instrument. Modifications will be in writing and approved by the NPS FA Awarding Officer (FAAO).
- B. Additional conditions may be imposed if it is determined that the Recipient is non-compliant to the terms and conditions of this task agreement pursuant to 2 CFR 200.338.
- C. This task agreement may be terminated consistent with applicable termination provisions for Federal awards pursuant to 2 CFR 200.339 through 200.342.

ARTICLE XI – ATTACHMENTS

The following documents are attached and made a part of this task agreement:

Attachment A. Detailed Budget

ARTICLE XII - SIGNATURES


IN WITNESS WHEREOF, the parties hereto have executed this task agreement on the date(s) set forth below.

FOR UNIVERSITY OF WYOMING

Name, Title

Date

FOR THE NATIONAL PARK SERVICE



Kelly Adams
FA Awarding Officer

7/18/2018

Date

Attachment A

Detailed Budget

Description	Cost
Salary	
Merkle summer salary (1 month at \$8,889/month)	\$8,889.00
Merkle fringe (43.30%)	\$3,848.50
Postdoc salary (2 months at \$3,750/month)	\$7,500.00
Postdoc fringe (43.30%)	\$3,247.50
Travel	
Laramie to YNP for field work and meetings	\$4,600.00
<hr/>	
	Total Direct Cost \$28,085.00
	Indirect (17.5%) \$4,915.00
	Total Cost \$33,000.00
<hr/>	


Grant and Cooperative Agreement

CHOOSE ONE:

- ☒ COOPERATIVE AGREEMENT
- ☐ GRANT

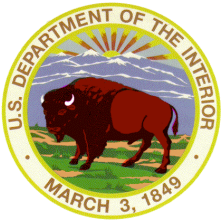
CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☒ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER P18AC00951		2. SUPPLEMENT NUMBER		3. EFFECTIVE DATE 07/17/2018		4. COMPLETION DATE 12/31/2022	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) UNIVERSITY OF WYOMING Attn: ATTN GOVERNMENT POC 1000 E UNIVERSITY AVE DEPARTMENT 34 LARAMIE WY 82071-2000				6. ISSUED BY NPS, IMR - Financial Assistance Mailing Address: 12795 W Alameda Parkway P.O. Box 25287 Denver CO 80225-0287			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Dr. Matt Kauffman, 307-766-6404 mkauffm1@uwyo.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO. 6B891							
10. RESEARCH, PROJECT OR PROGRAM TITLE Identifying Structure of the Yellowstone Bison Population							
11. PURPOSE Initiate FY 18 CESU Task Agreement							
12. PERIOD OF PERFORMANCE (Approximately) 07/17/2018 through 12/31/2022							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$0.00		PREVIOUS		\$0.00	
THIS ACTION		\$33,000.00		THIS ACTION		\$33,000.00	
CASH SHARE		\$0.00		TOTAL		\$33,000.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$33,000.00					
14. ACCOUNTING AND APPROPRIATION DATA 01							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
0020158135							
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Rick Wallen	YELL	307-344-2207	rick_wallen@nps.gov			
NEGOTIATOR							
ADMINISTRATOR							
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: CESU Master Cooperative P18AC00946 and IAW 54 U.S.C. Â§100703, DO-20 Handbook							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input checked="" type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Kelly Adams 		DATE 7/18/2018		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
00010	CFDA Number: 15.945 DUNS Number: 069690956 P18AC00951 Legacy Doc #: NPS Delivery: 12/31/2022 Delivery Location Code: 0010423489 NPS, IMR - Northern Rockies MABO PO Box 168 Mammoth Supply Center / 22 Stable S Yellowstone NP WY 82190 US Account Assignm: K G/L Account: 6100.411C0 Business Area: P000 Commitment Item: 411C00 Cost Center: PPIMYELL82 Functional Area: PPMRSNR1Z.AM0000 Fund: 188P103601 Fund Center: PPIMYELL82 PR Acct Assign: 01 Period of Performance: 07/17/2018 to 12/31/2022				
	CESU - UWY - Bison Population Obligated Amount: \$33,000.00 The total amount of award: \$33,000.00. The obligation for this award is \$33,000.00.				33,000.00



United States Department of the Interior

NATIONAL PARK SERVICE
IMR-ACP
PO Box 25287
Denver, Colorado 80225-0287



S72 (1274)

Date: July 17, 2018

To: Rick Wallen, YELL

From: Kelly Adams/IMR Financial Officer

Reference: P18AC00951 / University of Wyoming

SUBJECT: Appointment as Agreements Technical Representative (ATR)

You are hereby appointed as ATR for the above-referenced task agreement. Your appointment will remain in effect for the life of the task agreement unless:

1. The appointment is terminated in writing by the undersigned or an authorized successor Financial Assistance Officer.
2. You are reassigned with a change of duties or your employment with the National Park Service is terminated.

You have the authority to represent me in all technical matters that arise under this task agreement. Your responsibilities include:

1. Familiarizing yourself with the terms and conditions of the agreement. This includes actions needed to maintain security of sensitive information.
2. Keeping a complete electronic or paper file. Examples of records include:
 - (a) Signed task agreement and any subsequent modifications
 - (b) ATR appointment memorandum, with your acknowledgment
 - (c) Correspondence, including documents supporting modifications
 - (d) Progress reports and any other deliverable
 - (e) Any other documents where official action was taken
 - (f) Documentation of completion – Note that a copy of final products should be provided to the CESU Research Coordinator, the Denver Technical Assistance Center, and other archives as appropriate
3. Ensuring that technical progress reports and Federal Financial Reports (SF 425) are submitted by the Cooperator in accordance with requirements. Remaining aware of each party's efforts and progress toward meeting mutual goals and discussing with the Cooperator's representative as appropriate. Determining if technical and/or physical progress is commensurate with the level of expenditure. Advising me of any unusual problems affecting the progress of the project or cost incurred by the NPS under the task.
4. Reviewing proposed changes and other requests (such as period of performance extensions) requiring prior approval by the Financial Assistance Officer and providing a justification and recommendation for approval of such changes or requests for appropriate action. Recommendations should include, as applicable, justification for the change and a cost estimate, if applicable. An electronic purchase request

- is required for any modification involving an increase in funding.
5. Responding to the cooperator's inquiries on technical aspects of the agreement.
 6. Notifying me when all terms and conditions of the agreement have been met when the task is completed. This notification may be in writing or by e-mail.

Notwithstanding the authorities and responsibilities above, you:

1. May not re-delegate your authority to any other person.
2. May not change any of the terms and conditions of the task or the master cooperative agreement or sign any modification or notice of intent.
3. May not obligate in any way the payment of money by the NPS.
4. May not authorize or cause the cooperator to incur any costs not otherwise covered by the agreement.
5. May not terminate the agreement or the cooperator's right to proceed with performance.

The purpose of this appointment memorandum is to ensure that the agreement is performed in accordance with terms agreed to by both parties and to provide quality administration. Please do not hesitate to contact me for guidance in the event you are in doubt about the extent of your authority or for any circumstance not covered by this appointment.

Should you be gone on an extended absence, notify me so that I may designate an acting agreements technical representative for the duration of your absence. Notify me if you must excuse yourself from ATR duties so that a replacement can be assigned.

Forward copies to me of all correspondence initiated by you to the Cooperator and otherwise keep me informed of the activities under this agreement. Document any oral discussions of a significant nature. Please sign and return the below Acknowledgment of Receipt to FA-IMR@NPS.GOV.

Sincerely,

A handwritten signature in blue ink that reads "Kelly Adams". The signature is written in a cursive, flowing style.

Financial Assistance Officer
Intermountain Region

ACKNOWLEDGEMENT OF RECEIPT

ATR Delegation for Task Agreement Number/ Project Number: P18AC00951 / University of Wyoming

I certify that I have read the terms and conditions of the task agreement and understand my responsibilities and limitations of my authority as the ATR.

By: _____

Title: _____

Date: _____

Note: You may sign and return by hard copy or you may type your name in the blank above and return by e-mail.