

NATIONAL PARK SERVICE
FINANCIAL ASSISTANCE: NOTICE OF INTENT TO AWARD

This announcement is not a request for applications.

This announcement is to provide public notice of the National Park Service's intention to award a task agreement under a previously competed or single source justified master cooperative agreement.

ABSTRACT	
Funding Announcement Number	P17AS00627
Project Title	Plaster Treatment Planning at Tonto Montezuma Castle National Monuments
Recipient	Angelyn Bass, University of New Mexico
Anticipated Federal Funding	\$44,001
Anticipated Period of Performance	September 15, 2017-March 31, 2019
Award Instrument	Task Agreement
Statutory Authority	54 U.S.C. §100703
CFDA # and Title	15.945 CESU
Point of Contact	Katie Gaertner Katie_gaertner@nps.gov

BACKGROUND AND OBJECTIVES

Cooperative Agreement Number P17AC01318 was entered into by and between the Department of the Interior, National Park Service, (NPS), and the University of New Mexico (hereafter referred to as 'Recipient') for the purpose of providing research, technical assistance, and/or education, as described below. Unless otherwise specified herein, the terms and conditions as stated in the Cooperative Agreement will apply to this Task Agreement.

Project Title: Plaster Treatment Planning at Tonto Montezuma Castle National Monuments

Project Description: This cooperative agreement outlines work necessary to plan for plaster treatments at select rooms at Tonto National Monument Lower Cliff Dwelling and to continue plaster characterization at Montezuma Castle National Monument. Objectives of the project include, **1)** condition assessment of earthen plasters in select rooms at the Lower Cliff Dwelling (TONT), **2)** continuation of plaster characterization at the Montezuma Castle cliff dwelling (MOCA), **3)** Production of a final report outlining method, results and recommendations for future action.

The Montezuma Castle and Tonto cliff dwellings are exceptional examples of late prehistoric earthen architecture. The work outlined in this agreement promotes the stimulation of scientific research and contributes to a greater public understanding of each resource by providing University academics and students with the opportunity to work with the NPS at these rare sites. This project builds off of several successful cooperative research agreements implemented at Montezuma Castle and Casa Grande Ruins (UNM-88, UNM-92, UNM-115). Project objectives are therefore related to best practices developed at similar NPS sites.

The information derived from this project will benefit all academics working in the fields of historic preservation, archeology and anthropology. Specifically, the project provides staff and students with important on-site training opportunities. Additionally, this agreement will result in new information

that will augment the existing public interpretation of each site, thus benefitting the visitors. Information derived from this project will be available on wayside interpretive signs and on the NPS website. The well-preserved walls of each building are extremely rare. Information collected as part of this project, including construction sequencing, prehistoric construction methods and the implementation of pilot preservation treatments are relevant to researchers outside the NPS. Private and academic archeologists, architects, architectural conservators and preservation experts will all benefit from the information created by this project.

STATEMENT OF WORK

Statement of work: The Montezuma Castle and Tonto cliff dwellings are comprised of fragile earthen architecture and subject to damage caused by natural and cultural processes. For this reason, these places require specialized planning and treatment consisting of copious research. This proposal outlines a project to continue plaster characterization at Montezuma Castle and to start treatment planning at Tonto. The completion of this project will result in the enhanced understanding of prehistoric architecture associated with the late prehistoric period in central Arizona and will benefit researchers, academics and the general public. The project objectives and goals for each park unit are similar. As such, the NPS and cooperator benefit from a combined project outlining work for each unit.

Project Objectives:

This cooperative agreement outlines work necessary to plan preservation treatments at the Tonto National Monument Lower Cliff Dwelling and to continue plaster characterization at Montezuma Castle National Monument. Objectives of the project include, **1)** condition assessment of earthen plasters in select rooms at the Lower Cliff Dwelling (TONT), **2)** continuation of plaster characterization at the Montezuma Castle cliff dwelling (MOCA), **3)** Production of a final report outlining method, results and recommendations for future action.

To support these objectives, NPS will complete all necessary compliance associated with project implementation. NPS will also provide access to standing walls for documentation and preservation treatments. NPS representatives will be on site for all fieldwork. This includes providing scaffolding, ladders and other specialized safety equipment necessary to access proposed treatment areas. The parks will also provide access to park specific archives including reports, manuscripts and photographs, if necessary. All work will be summarized in a project completion report outlining project work, methodology and final results as well as suggestions for future treatment work. NPS will review and comment on the report draft. Final copies will be provided to the NPS with digital copies of the project final, photographs and annotations on a CD/DVD. The park and the cooperator will fully acknowledge the NPS, the PI(s), and the University of New Mexico in any published or formally presented material developed or derived from this Task Agreement.

*All research material collected in conjunction with this project remains in the public domain and is archived and otherwise managed by the National Park Service. Such material may include but are not limited to photographs, maps, microfilm, illustrations, audio cassette, and computer diskettes, thumb drives or CD/DVDs. The author may seek permission from the superintendent to reproduce any or all of the material not subject to archival restrictions before relinquishment to the National Park Service.

RECIPIENT AGREES TO:

- Perform specialized laboratory analysis to identify and characterize individual plasters.
- Continue archeological evaluation and contextualization of plasters at MOCA.
- Conduct condition assessments of earthen material at the Lower Cliff Dwelling.

- Provide treatment recommendations for the TONT cliff dwellings.
- Create a project completion report including
 - i. a narrative description of (1) the project goals and methodology, (2) discussion of treatment priorities and options, focusing on the wall surface treatments, taking into account larger building issues affecting wall stability, and (3) recommendations for future anthropological and materials research, monitoring, and treatment
 - ii. narrative of scientific analyses (scanning electron microscopy results)
 - iii. graphic results of the survey and condition assessment (graphics will be scans of hand-annotated field notes)
- Provide the NPS with digital copies of the project final reports on a CD/DVD.
- Fully acknowledge the NPS in any published or formally presented material developed or derived from this Task Agreement.

NATIONAL PARK SERVICE AGREES TO:

- Assist with planning, compliance and implementation of all work at TONT and MOCA.
- Assist Recipient with access to standing walls for preservation treatment. This includes providing scaffolding equipment, ladders and specialized safety equipment necessary to access proposed areas.
- Provide access to park specific archives including reports, manuscripts and photographs.
- Fully acknowledge PI(s) and Recipient in any published or formally presented material developed or derived from this Task Agreement.

The NPS will be actively involved in every aspect of the cooperative project. NPS will consult with Recipient about the location and method used for condition assessments. Additionally, NPS will complete necessary tribal consultation and compliance for any work conducted. Access to work locations at both locations will require a combination of ladders and scaffolding. At Montezuma Castle, access is only available by ladders and the use of specialized safety equipment. NPS staff will be responsible for acquiring, setting up, and operating this equipment. Specially trained NPS staff members are the only people that can set up and operate this equipment. Similarly, access to ruins at TONT require hiking through steep and dangerous backcountry. NPS staff will be responsible for accompanying researchers to sites and providing safe access.