



**National Park Service
U.S. Department of the Interior**

NOTICE OF INTENT TO AWARD

This Funding Announcement is not a request for applications. This announcement is to provide public notice of the National Park Service (NPS)'s intention to fund a Task Agreement against an existing Master Agreement.

ABSTRACT	
Funding Announcement	NPS-NOIP15AC01736
Project Title	National Park Service- Sustainable Operations and Facility Adaption, 2015/2016
Recipient	Montana State University, Kevin Amede
Total Anticipated Award Amount	\$59,789
Cost Share	<i>None Required</i>
Anticipated Length of Agreement	Through March 30, 2017
Anticipated Period of Performance	Through March 30, 2017
Award Instrument	Cooperative Agreement (task award)
Statutory Authority	<i>54 U.S.C. §100703, Cooperative Study Units</i>
CFDA # and Title	<i>15.945, Cooperative Research & Training Programs</i>
Point of Contact	Katie Gaertner, Grants Management Specialist

OVERVIEW, RECIPIENT AND NPS SUBSTANTIAL INVOLVEMENT

The Montana State University (MSU) will collaborate with the National Park Service (NPS) to develop energy tracking systems and models for cost/benefit "hierarchy" for alternative energy as well as energy monitoring systems for tracking use and demand, provide technical expertise for energy conservation improvements including building envelope and energy systems, research and provide recommendations for improvements such as unit design, heat recovery opportunities, existing underground supply and return hot water lines, heat storage potential, supplemental heat at buildings, central vs. individual units, create clear energy management and education systems that work for Yellowstone staff, partners and visitors.

Substantial involvement on the part the National Park Service (NPS) is anticipated for the successful completion of the objectives to be funded by this award. NPS staff will provide blue prints, guidelines, standards and building history as needed as well as future building functions, occupancy and use patterns and any restrictions and specific goal to ensure that the technical research carried out by MSU is relevant and identifies optimum applications, will work together with MSU to establish objectives and direction that meets specific needs and will provide ongoing review and guidance as well as physical installation of equipment and technical design assistance for visual interface applications.

NPS did not solicit full and open competition for this award based the following criteria:

The cooperator is a member of an established Cooperative Ecosystem Studies Unit (CESU) network, and was awarded a Cooperative Agreement (P14AC00749) allowing MSU to participate in specific tasks, and can provide the necessary activities involved in this particular task while providing an effective outcome for the National Park Service and the research and/or education project. Three members of the Cooperative Ecosystem Studies Unit (CESU) network were considered for this award and the MSU was selected based on Professor's expertise in the fields of Building Energy Systems, his experience teaching and performing research related to building energy systems, HVAC equipment perform and design and the Integrated Resign Process.