

Save America's Treasures

FY 2005 Historic Preservation Fund Grants to Preserve
Nationally Significant Intellectual and Cultural Artifacts and Historic Structures and Sites

APPLICATION

Please follow the Guidelines and Application Instructions to complete this application. Applicants must submit one (1) signed original and seven (7) copies – a total of 8 – complete application packages plus one (1) additional photocopy of this page for each project. See Additional Information on page 9 for program contacts and instructions on how to receive an electronic version of this application.

1. PROJECT INFORMATION

Historic Property or Collection Name Digital Archive of Heritage Inscriptions

Historic Property or Collection Address Montana State University – Billings Library

City Billings County Yellowstone Congressional District _____ State MT Zip _____

Type of project (select only one)

Historic district _____ Site _____ Building _____ Structure _____ Object _____

Artifact _____ Collection XX Document _____ Sculpture _____ Work of art _____

Amount Requested (Federal share) \$ _____ TOTAL Project Cost \$ _____

2. APPLICANT AND PROJECT DIRECTOR

APPLICANT AGENCY / ORGANIZATION

Authorizing Official's Name _____ Title _____

Organization _____ DUNS # _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____ e-mail _____

PROJECT DIRECTOR (if different from Authorizing Official)

Name Tim Urbaniak Title Director – Archaeology Field Team

Organization Montana State University - Billings

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____ e-mail _____

3. SIGNATURE OF AUTHORIZING OFFICIAL The applicant's authorizing official must sign and date this form. Signatures must be original and in ink.

Signature _____ Date _____

4. OWNERSHIP AND PROOF OF NONPROFIT STATUS

Does the applicant own this historic property or collection?

☒ Yes

☐ No

If the applicant does not own this property, attach a letter explaining the relationship between the owner and the applicant and the authority under which the applicant will be the grantee of record to undertake work on the property or collection. The letter must be on the owner's letterhead and must be signed by the owner's authorizing official.

If the applicant is not a Federal agency, proof of nonprofit or government status must be attached to this application.

- A copy of the Federal IRS letter indicating the applicant's eligibility for nonprofit status under the applicable provisions of the Internal Revenue Code of 1954, as amended.
- An official document identifying the applicant as a unit of state, tribal, or local government or other tax-exempt multipurpose organization. If prepared specifically for this application, the certification must be on the parent organization letterhead and certified by an official of the parent organization.

Please note – A letter of sales tax exemption is not acceptable as proof of nonprofit status.

5. DOCUMENTATION

A minimum of four (4), 4"x6" or larger black and white or color photographs must accompany the original and each copy of the application. Photographs must include views of the historic property (showing entire building/property) or collection and views specifically documenting the threat or damage to the property or collection. Photographs must be labeled. Photocopies and photographs submitted electronically will not be accepted. Photographs will not be returned. **Please note:** Submission of **printed** digital photographs will not disqualify an application; however, photographs of lesser quality could affect reviewers' evaluation of an application.

6. PROJECT SUMMARY

In the space below, **briefly** summarize the proposed project. Discuss the national significance of the historic property or collection, its current condition, the nature of the threat, the proposed preservation and/or conservation work, and the project's public benefit. One continuation sheet may be attached; however, applicants are strongly encouraged to provide brief, concise narratives.

The **purpose of this project** is to digitally document, organize and archive historic signatures, dates and artwork spanning the time period from the 1800's to the present. The data will be will be organized into a searchable database and supplemented with physical reproductions obtained from non-contact three-dimensional scanning technology.

The northern high plains are rich in sandstone geologic formations. Carved by nature into spectacular shapes and cliff lines, these formations have served as convenient natural palettes for historic inscriptions and artwork. Accumulated on the sandstone surfaces of this region are thousands of signatures and historic artwork that chronicle the settlement of the west since the early 1800's post Lewis and Clark era. These cultural resources are threatened by natural erosion, development, and modern vandalism.

Due to natural and cultural forces, these resources are disappearing at an accelerating rate. This project can provide the foundation for present and future archiving and researching of these unique historic resources through applications of digital imaging and three-dimensional scanning technology. The dynamic database created by this project will serve as a new resource for genealogy and historic research of these **nationally significant** incisions. The populace that left these marks participated in **significant national events** that shaped the west, such as troop movements during the Plains Indian Wars and cavalry battles, including the Battle at Little Big Horn. They document the arrival and presence of the people that first brought cattle into the region, traveled the Bozeman Trail, worked on the railroads and founded the towns. Inscriptions exist from people that participated in the first United States Geological Survey and served in the Civilian Conservation Corps. Individually, some inscriptions were created by figures that stand out in history; together, this collection becomes even more significant as it would document the general settlement and development of the region through a period of general national expansion, continuing into a period of early community development. This collection will be a new, unique national resource.

The research will be conducted by Montana State University-Billings (MSU-B) faculty Tim Urbaniak and Tom Rust and will begin with a review of existing site forms, proceed with visitations to known sites and will conclude with focused surveying for additional sites on federal lands.

As the grant proceeds, MSU-B students and volunteers will survey, identify, and document locations on federally administered lands in southeastern Montana, western South Dakota and Northern Wyoming containing historic graffiti. As sites are recorded, the inscriptions will be digitally photographed and mapped with Global Positioning Technology (GPS). A dynamic database of the incised content, locations and other relevant information will be created and then updated as sites are inventoried. Geographic Information System (GIS) mapping software will be used to store information. A selection of suitable sites will also be recorded using non-contact surface scanning technology, which stores an accurate 3D model of the natural palette's surface. These models will then be used to create physical replicas of suitable scans for public display.

During the grant, appropriate information will be shared with the public through Historical Society presentations. Progress will also be shared through presentations at the Montana Archaeological Society and Plains Anthropological Society annual conferences. At the conclusion of the project, this new resource will become available to researchers and the public through controlled electronic access.

7. NATIONAL SIGNIFICANCE (30 POINTS)

Applications for collections or historic properties not meeting this criterion will receive no further consideration. Complete either section A or section B, as appropriate.

A. HISTORIC PROPERTIES

The historic property will be considered to be nationally significant according to the definition of "National Significance" outlined on page 3 of the Guidelines and Application Instructions if it meets one of the following four criteria. **Check the applicable criterion and complete item "e".**

- a) _____ **Designated as a National Historic Landmark. (30 points)**
- b) _____ **Listed in the National Register of Historic Places for national significance. (25 points)**
Please note that properties can be listed in the National Register for significance at the local, state, or national level; most properties are not listed for national significance. The level of significance can be found in Section 3 – State/Federal Agency Certification of the property's approved National Register nomination. Contact your State Historic Preservation Office if you have questions about the level of significance or do not have a copy of the approved nomination. If the property is listed for local or state significance, see item "d" below.
- c) _____ **Determined eligible for listing in the National Register of Historic Places for national significance by the Keeper of the National Register. (25 points)**
Documentation of this determination by the Keeper must be attached to the application. If funded, the grantee must submit a National Register nomination to the State Historic Preservation Office within 12 months. Nomination preparation costs may be included in Application Section 9, Project Budget.
- d) _____ **Evaluated as eligible for listing in the National Register of Historic Places for national significance by the State Historic Preservation Office. (up to 20 points)**
The State Historic Preservation Office evaluates a property according to criteria specified in 36 CFR 60 - *National Register of Historic Places* and may determine that the property is eligible for listing for significance at the local, state or national level. The property must be determined to be eligible for listing for national significance in order to be eligible for a Save America's Treasures grant. **A letter from the State Historic Preservation Office clearly stating that the building has been evaluated and is considered to be eligible for listing for national significance and explaining the reasons why it is nationally significant must be attached to the application. In order to meet this criterion, the letter must state that the building is considered to be eligible for listing for national significance and explain the reasons for that determination. Letters sent separately will not be considered part of the application.** If funded, the grantee must submit a National Register nomination, or an amended nomination supporting the national significance if the property is currently listed for state or local significance, to the State Historic Preservation Office within 12 months. Nomination preparation costs may be included in Application Section 9, Project Budget.
- e) Explain the reasons why the property is nationally significant. One continuation sheet may be attached; however, applicants are strongly encouraged to provide brief, concise narratives.

NATIONAL SIGNIFICANCE (CONTINUED)

B. COLLECTIONS

In the space below, describe the collection and document the national historical, artistic, scientific and / or cultural significance of the collection using the definition of "National Significance" outlined on page 3 of the Guidelines and Application Instructions. The description and documentation must be clear to individuals not familiar with the collection. Applicants are strongly encouraged to provide brief, concise narratives.

The **collection will consist of** high resolution digital images, three-dimensional data scans and physical reproductions of historic signatures, dates and artwork dating from the 1800's to the present.

The collection will be organized and accessed through the **Past Perfect software**. Images, geographic locations and site descriptions will be entered into the database as the project proceeds. The software is capable of managing over one million records and facilitates all digital media types including digital images, text files, multimedia files (site video and audio) and data from the three dimensional scans. The software includes features that provide for the blocking of sensitive material or locations, thereby creating stratified access for a broad cross-section of research.

The physical (non-data) component of the collection will consist of polymer replicas of select sites obtained through non-destructive surface scanning. Select collection models will be curated at the Bureau of Land Management Billings Curation Center (www.mt.blm.gov/bcc/) for documentation of current site conditions and public displays.

The digital images will be obtained at a minimum 8 Megapixel resolution and stored as uncompressed JPG files. Images at this resolution are sufficient quality to be useful for research, publication and large format printing for public display. Textual information will originally be recorded using Microsoft Word, but from that origin can be converted to any format. General survey data will be gathered using consumer-level GPS technology, accurate to a distance of within 20 feet. The information will be stored in the Universal Transverse Mercator (UTM) format. Sites requiring more specific survey locations will be surveyed using a Nikon Top Gun total station. Data from the total station will be stored into a Hewlett-Packard 48GX data collector, will be downloaded in the lab and processed through the AutoDesk Land Desktop software. (Note: Specific site locations are a component of the data that will not be immediately available to the general public.)

The three-dimensional surface scans will be archived as Virtual Reality Modeling Language (VRML) files. This common format will make the files useful to a variety of software applications as well as appropriate to the creation of physical acrylonitrile-butadiene-styrene (ABS) or polycarbonate models. The files will be created by using a Polhemus FastSCAN Cobra three-dimensional scanner (www.polhemus.com/FSarcheology). This device uses 670nm, 1mW, Class II laser technology to generate a point cloud accurate to a 0.5mm resolution. This accuracy is suitable for the creation of physical models and the potential materials include those suitable for painting, coating or other forms of post-processing for display purposes.

The sites to be documented include National Historic Landmark (NHL) sites (including Pompeys Pillar) and National Register of Historic Places (NRHP) sites (including Weathermon Draw). The Clark signature at Pompeys Pillar is considered nationally significant as it is considered the only physical evidence of the Lewis and Clark Expedition. Like that inscription, the many additional sites containing carvings are **nationally significant** as they physically represent the presence, specific location and date visited by a broad cross-section of post-Lewis and Clark Euro-Americans.

Beyond the names and dates, the artistry of the 19th century is also represented by the motifs carved and includes dancing women, birds, buildings, ranch brands, horses, cattle, and stylized text. Often the associated artwork components depict representations from their daily lives.

The people that left these marks participated in **significant events** that shaped the west such as troop movements during the Plains Indian Wars and cavalry battles including the Battle at Little Big Horn. They document the presence of the people that first brought cattle into the region, traveled the Bozeman Trail, worked on the railroads and founded the towns. Inscriptions exist from people that participated in the first United States Geological Survey and served in the Civilian Conservation Corps. Individually, some inscriptions were created by figures that stand out in history; together, they become even more significant as they document the general settlement and development of the region through a period of general national expansion, continuing into a period of early community development. Individually, some components may lack individual distinction, but collectively they embody distinguishing characteristics of regional development and the settlement of the west. Individually, incisions such as the Wm Lewis name and date on Pompeys Pillar stand as being individually significant; Assembled as a comprehensive collection, this record will be a new, unique national resource.

7. PROJECT DESCRIPTION

Additional sheets may be attached; however, applicants are strongly encouraged to provide brief, concise narratives.

A. WHAT IS THE THREAT TO THE HISTORIC PROPERTY OR COLLECTION? (25 POINTS)

Describe the current condition of the collection or historic property and explain how it is threatened or endangered. The source(s), nature, extent, and severity of the threat, danger or damage to the collection or historic property must be clearly and convincingly argued.

The current condition of this collection as proposed is nonexistent, as no database of historic incising currently exists for the geographic region described in this proposal (southeastern Montana, western South Dakota and Northern Wyoming). The components to be documented are under severe continual threat since at the present time these inscriptions exist principally in their original geographic location and are therefore exposed to the natural elements.

Threats by natural elements include natural erosion, weather, contact with vegetation and animals. Wind and rain frequently assault these components obscuring the clarity and very presence of the etchings. As the weather contacts the surface of the sandstone, the granules that compose the surface are loosened and over time the sandstone is eroded back into sand. As vegetation encroaches on these sites, branches are moved by the wind and those close to the sandstone sweep across the surface thereby erasing this surface. Some of these historic records exist in overhangs frequented by deer. At these locations damage has occurred through the rubbing of the animals on the back walls of hides and antlers.

Threats by human elements include encroaching development, modern vandalism and theft. Vibrations from highway truck traffic and rail traffic gradually fracture the delicate sandstone and components are lost forever as cliff lines collapse.

The softness of the sandstone formation that facilitated the creation of these engravings is also a detriment to the continued existence of them. Since the sandstone can be scribed with any convenient instrument such as a pocket knife, stick or nail, vandalism is easily executed at the remote locations common to these resources. Since the sandstone can easily be cut, components can be (and have been) easily removed from their original location by using today's battery operated power tools.

This potential collection is further **threatened by the ignorance of the public** regarding the value of these inscriptions as part of our national heritage; therefore visitors to these remote sites often 'leave their mark' as well, thereby destroying the older components. It is important to note that the creation of a core collection not only brings these assets together so that they the information may be accessed without travel to remote locations, but that the collection would also alleviate potential damage done by visitors by reducing the need for researchers to carry out on-site visitations.

Due to the above factors, there exists no way to prevent the **eventual loss** of this resource. Due to the palette material, remote locations and the number of sites involved, it is impossible to protect this resource and it is doomed to vanish over time. While the exact timeframe leading to the obliteration of these historic inscriptions is indeterminate, previous research has shown that in some locations the legible survival rate is less than 100 years. Through this grant the information can be retained, organized and be available to researchers into the future. Since these resources cannot be fully protected and are doomed to become eradicated, this project mitigates the loss of the resource via documentation.

8. PROJECT DESCRIPTION (CONTINUED)

Additional sheets may be attached; however, applicants are strongly encouraged to provide brief, concise narratives.

B. WHAT WORK WILL BE SUPPORTED BY THIS GRANT AND HOW WILL IT MITIGATE THE THREAT TO THE HISTORIC PROPERTY OR COLLECTION? (25 POINTS)

Projects must substantially mitigate or eliminate the threat, danger, or damage described in Section A and must have a clear public benefit (for example, historic places open for visitation or collections available for public viewing or scholarly research). The following points must be addressed:

- Describe the key project activities and products to be supported by this grant and the non-Federal match.
- Describe how the work will significantly diminish or eliminate the threat, danger, or damage to the historic property or collection.
- Explain any pre-project planning or research, such as Historic Structures Reports or Collection Condition Assessments, on which project decisions are based.
- List the key personnel undertaking the work and briefly describe their qualifications. If personnel have not been selected, briefly describe the qualifications you will require. (Please note: Do not send vitae. Consultants must be selected competitively.)
- Describe how the project will have a clear public benefit.
- Explain how your organization will ensure continued maintenance of the historic property or collection in the context of your organization-wide preservation or conservation activities.
- On a separate sheet, provide a timeline for project completion, including each major activity with a schedule for its completion and its cost. Projects must be completed within the grant period, which is generally 2 to 3 years.

The first step in the project will be to assemble an **advisory committee** to oversee grant activities and provide guidance on topics such as granting research access, identifying site criteria for 3D scanning and disseminating information to the public.

The project will then proceed with a **review of existing site forms** archived in the State Historic Preservation (SHPO), Bureau of Land Management (BLM) and National Forest Service (NFS) offices covering the southeastern Montana, western South Dakota and northern Wyoming region. These forms constitute a **pre-project resource** as they identify specific site locations and contents. This will position the research team(s) consisting of faculty, students and volunteers to **revisit known sites**. As sites are visited, they will be digitally photographed, located using Global Positioning System (GPS) technology, three-dimensionally scanned and surveyed with the total station (if appropriate). Updated site monitor forms containing all relevant data will be filled out and copies filed with the appropriate agency. Note that the work performed during all phases of the project is covered as a match as no funds are to be used for labor. Sites near Billings, Montana will be used initially for training participants in the use of the technological equipment. These sessions will also be used to **educate regional archaeologists and historians** regarding the technologies used and increase awareness about the project. Funding of the outreach activities will be covered by MSU-Billings as part of the match.

As the project proceeds, **data will be entered** into the Past Perfect software and periodic backups to recordable DVD will occur as the project progresses. The **advisory committee will meet quarterly** to monitor progress, provide guidance and select the first incisions to be processed into physical three-dimensional models. Near the end of the survey of existing sites, a status paper will be presented at the Plains Anthropological Conference in Alberta, Canada (www.ou.edu/cas/archsur/plainsanth/).

Further in the grant, **investigations will proceed for previously undocumented sites**. Through past participation and collaboration between the MSU-B Archaeology Field Team and the government agencies involved, it is known that sites exist that have never been officially documented. Surveying for these sites require fieldwork in remote locations. The Rhino field radios add an element of safety to this component of the project by integrating real-time GPS technology with the voice contact element, that is, the locations of participants can be tracked through the radios. This will prevent members of the team from becoming lost or will facilitate finding them quickly if aid is needed. Again, the labor to conduct this fieldwork is a considerable component of the grant match. As sites are located, they will be documented using digital photography, located using GPS technology, three-dimensionally scanned and surveyed with the total station (if appropriate, as rare sites are in charcoal). A portable generator will be used to supply power for the field laptop and three dimensional scanner. The field laptop will also be used to complete data site forms containing all relevant data, which will be entered into the database with copies filed with the appropriate agency. The Field Team is familiar with submitting sites for historic designation and **anticipates submitting additional sites for inclusion into the National Register of Historic Places**.

Since these resources are predestined for obliteration, this project will **mitigate the loss of the resource** via

documentation utilizing state-of-the-art digital imaging, geographic information systems, surveying and three-dimensional scanning technologies (as described in 7B). Communication with the Montana SHPO, BLM Billings Curation Center and Custer National Forest supports the fact that no focused research has taken place in the region regarding this vanishing cultural resource.

The 3D models also **contribute to the mitigation of the threat** because they allow for tactile interaction between the public and history (thereby reducing the threat by tactile interaction at the original site). This is history that people can *touch*, instead of damaging the original etching by touching the brittle sandstone. The data models document the current condition of the resource and can contribute mitigating additional sites into the future by providing exact samples of the current physical condition which can be used in the future to determine the rate of erosion that will eventually lead to the elimination of the original.

The **key personnel** include Montana State University-Billings technology faculty Tim Urbaniak (Project Director) and history faculty Tom Rust, MSU-B students and volunteers. This **Grant Team** will work with Custer National Forest Archaeologists Halcyon LaPoint and Mike Bergstrom, BLM Archaeologist Glade Hadden, BLM Billings Curation Center Curator David Wade, MSU-Billings Librarian Jane Howell and State Historic Preservation Office Archaeologist Stan Wilmouth to survey, identify, and document locations in southeastern Montana, the western Dakotas and northern Wyoming containing historic graffiti.

Tim Urbaniak is a tenured faculty member at MSU-B and has taught a variety of technology courses over the past 18 years including advanced topics in drafting, design, multimedia, 3D, and desktop virtual reality. He has a long history of supporting Native American rock art research and other historical projects through the MSU-B Archaeology Field Team. Through the ten-year history of the field team, he has created opportunities for students and volunteers to participate in regional archaeological and historical projects. He has presented many papers regarding applications of technology for archaeological and historical research and is familiar with hundreds of sites in the region covered by this project. He is a Montana Archaeological Society board member, serves the BLM as a volunteer and is working with the Custer National Forest as the Heritage Resource Volunteer Coordinator. He is also known for his many digital photography projects.

Tom Rust is a faculty member in History Department and has recently completed his doctoral thesis focusing on the development of homesteads in the northwestern plains. Tom is been actively involved in creating opportunities for students to participate in field projects that broaden their understanding of the development of the northern plains.

Given that the vast majority of the collection will be comprised of digital data, the curation collaboration between the BLM Billings Curation Center, the Montana State Historic Preservation Office and the MSU-Billings Special Collections Department will **ensure continued maintenance of the collection** will continue into the foreseeable future.

The public will benefit by the creation of this significant new resource by its contribution to the preservation of their cultural heritage. The collection will be maintained by the MSU-B Library Special Collections Office and will be coordinated with the BLM Curation Center and the State Historic Preservation Office. .

9. PROJECT BUDGET AND FINANCIAL INFORMATION (20 POINTS)

A. PROJECT BUDGET

The budget must be clear, and all work elements must be eligible, reasonable, and directly relevant to the project. Outline the project budget in the form below; add additional lines in a category as needed. Each cost item must clearly show how the total charge for that item was determined. All major costs must be listed, and all cost items should be explained in the narrative of the application. The budget must include at least the minimum required match (e.g., if applying for a \$300,000 grant, the budget must describe at least \$600,000 of costs/work). All non-Federal match must be cash expended or services donated during the grant period, which is generally 2 to 3 years and is specified in the grant agreement.

1. Personnel. Provide the names and titles of key project personnel. Please note that grant funds may not be used to pay Federal employee salaries, nor may Federal salaries be used as match/cost share.				
Name/Title of Position	Wage or Salary	Federal Grant Funds	Match /Cost Share (if any)	Total
Tim Urbaniak / Faculty Tom Rust / Faculty Students/volunteers		\$ 0	\$ 60,400	\$ 60,400
Subtotal		\$	\$	\$
2. Fringe Benefits. If more than one rate is used, list each rate and the wage or salary base.				
Rate	Salary or Wage Base	Federal Grant Funds	Match / Cost Share (if any)	Total
% of	\$	\$ 0	\$ 0	\$ 0
Subtotal		\$	\$	\$

3. Consultant Fees. Include payments for professional and technical consultants participating in the project.					
Name and Type of Consultant	# of Days	Daily Rate of Compensation	Federal Grant Funds	Match/Cost Share (if any)	Total
		\$	\$ 0	\$ 0	\$ 0
Subtotal			\$	\$	\$

4. Travel and Per Diem. Indicate the number of persons traveling, the total days they will be in travel status, and the total subsistence and transportation costs.							
From/To	# of People	# of Travel Days	Subsistence Costs (Lodging and Per Diem)	Transportation Costs (Airfare and Mileage)	Federal Grant Funds	Match/Co st Share (if any)	Total
Billings, MT to remote sites from 50 to 400 miles from Billings	From 1 to 12	Appro x. 120 days	\$2500 In state lodging \$60 out of state lodging \$50 per diem \$28 per day	\$10,000 25,000 miles @ 0.40 per mile average trip of 600 miles =\$240 approx. 40 trips	\$ 11,000	\$ 1500	\$
Billings, MT to Plains Conference in Alberta, Canada	1	2	4 nights lodging @\$100 = \$400 5 days per diem @\$36 = \$140	\$560 airfare	\$1000	\$250 for registratio n and misc.	\$1000

Billings, MT to Plains Conference in location to be announced	1	2	4 nights lodging @ \$100 = \$400 5 days per diem @ \$36 = \$140	\$560 airfare	\$1000	\$250 for registration and misc.	\$1000
Travel to support presentations to regional Historical Societies	1				\$1000		\$1000
Subtotal					\$	\$	\$

5. Office Supplies and Materials. Include consumable supplies and materials to be used in the project and any items of expendable equipment, i.e., equipment costing less than \$5000 or with an estimated useful life of less than two years. Equipment costing more than that should be listed in Equipment - Category 6.

Item	Cost	Federal Grant Funds	Match/Cost Share (if any)	Total
Four Rhino field radios	\$ 1,400	\$ 1,400	\$	\$ 1,400
Portable generator	800	800		800
Eight Megapixel digital camera w/ lenses	2,000	2000		2,000
Digital Video Camcorder	1,000		1,000	1,000
Laptop for field use	4,000	4,000		4,000
PastPerfect Museum Software 4	2,500	2,500		2,500
Global Positioning System & software	1,200	1,200		1,200
Operating supplies	1,000	1,000		1,000
Subtotal		12,900 \$	1,000 \$	\$

9. PROJECT BUDGET AND FINANCIAL INFORMATION (CONTINUED)

A. PROJECT BUDGET (CONTINUED)

6. Equipment. List all equipment items in excess of \$5000. Items worth less than \$5000 or that have a useful life of less than two years must be listed in Supplies and Materials - Category 5.

Item	Cost	Federal Grant Funds	Match/Cost Share (if any)	Total
	\$	\$ 32,000	\$	\$
Subtotal		\$	\$	\$

7. Construction/Conservation Materials and Labor. If this a "lump sum" amount supplied by an architect or contractor, explain briefly what work items are included in the lump sum.

Item	Cost	Federal Grant Funds	Match/Cost Share (if any)	Total
Contract 3D Printing Services	\$	\$ 6,000	\$ 0	\$ 0
Subtotal		\$	\$	\$

8. Other (specify).

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Item	Cost	Federal Grant Funds	Match / Cost Share (if any)	Total
Use of Surveying Total Station, Labs, software, printers and plotters	\$	\$ 0	\$ 10,000	\$ 10,000
Subtotal		\$	\$	\$

BUDGET SUMMARY Enter category totals here			
Category	Federal Grant Funds	Match/Cost Share	Total
1. Personnel	\$ 0	\$ 60,400	\$ 60,400
2. Fringe Benefits	\$ 0	\$ 7,020	\$ 7,020
3. Consultant Fees	\$ 0	\$ 0	\$ 0
4. Travel and Per Diem	\$ 11,000	\$ 1,500	\$ 12,500
5. Supplies and Materials	\$ 12,900	\$ 1,000	\$ 13,900
6. Equipment	\$ 32,000	\$ 0	\$ 32,000
7. Construction/Conservation Materials and Labor	\$6,000	\$0	\$0
8. Other (lab use, equipment use, long distance, etc. match)	\$ 0	\$ 10,000	\$ 0
TOTAL PROJECT COSTS	\$ 61,900	\$ 72,900	\$

9. PROJECT BUDGET AND FINANCIAL INFORMATION (CONTINUED)

B. WHAT ARE THE SOURCES OF THE NON-FEDERAL MATCH?

List the **secured** sources and amounts of the required dollar-for-dollar non-Federal match, which can be cash, donated services, or use of equipment. Federal appropriations or other Federal grants, except CDBG grants from the Department of Housing and Urban Development, may not be used for match. All non-Federal match must be used during the grant period to execute the project.

If the match is **not secured**, explain how it will be raised.

The **secured sources** for the non-federal match include donated services during [the summer, winter and spring breaks](#) (via **time commitments** from Principle Investigator Tim Urbaniak (600 hours per year = 1200 hours @ \$35 per hour = \$42,000) and History Faculty Tom Rust (240 hours @ \$35 per hour = \$8400) (Total = \$50,400), students, student employees and MSU-B Archaeology Field Team volunteers for fieldwork assistance (1000 hours @ \$10 per hour = \$10,000) for the duration of this project. [These activities are consistent with past field research activities during non-instructional times for Tim Urbaniak, Tom Rust, students and volunteers.](#) Faculty match costs were derived by dividing the [academic year](#) salaries of the faculty and applying the derived hourly wage to the amount of hours that would be dedicated to the project during summer months and other available times. Student and volunteer match numbers were calculated by evaluating the number of hours generated over the last several years on like projects and multiplying by an hourly wage of \$10.00 per hour. [\(No extra compensation or release time will be provided by the University.\)](#) The value of the match is conservative considering that BLM, Custer National Forest and State Historical Preservation Office personal and resources will also be involved in the project.

From the Field Team account a match of \$1,500 to support travel will be made. Additional matching funds are derived from the use of a total surveying station (approx. 60 hours x \$35 per hour = \$2000), lab use (including pc's, printers, scanners and software) (\$7,100) use of a digital video camera (\$1,000) and photo paper (30 large format prints @ \$30 each = \$900) used to display select sites. Match figures used for lab, software and other equipment use have been derived by assessing the costs associated with the rentals of such.

Together, these commitments generate a match of \$72,900.

C. NON-FEDERAL APPLICANTS ONLY

Organization's non-Federal operating budget for the most recently completed fiscal year:

Year _____ Non-Federal budget _____

FOR ADDITIONAL INFORMATION

Applicants can address questions to and obtain electronic versions of application materials from these agencies.

FOR COLLECTIONS PROJECTS

Web www.ims.gov

National Endowment for the Arts

Telephone 202.682.5457
E-mail mclaughm@arts.gov
Web www.arts.gov

National Endowment for the Humanities

Telephone 202.606.8570
E-mail bpaulson@neh.gov
Web www.neh.gov

Institute of Museum and Library Services

Telephone 202.606.4641
E-mail sshwartzman@imls.gov

FOR HISTORIC PROPERTY PROJECTS**National Park Service**

Telephone 202.513.7270, ext. 6
E-mail NPS_treasures@nps.gov
Web www2.cr.nps.gov/treasures

**The President's Committee on the Arts
and the Humanities**

Telephone 202.682.5409
E-mail kcraine@pcah.gov
Web www.pcah.gov

FOR GENERAL INFORMATION

APPLICATION SUBMISSION

Applications must be submitted in hard copy. Faxed applications and applications submitted electronically will not be accepted. Applications not received by the deadline and incomplete applications will not be considered. Additional materials sent separately from the application will not be considered part of the application and will not be included in evaluation of the application.

Application materials will not be returned. All application materials, including photographs, become the property of the National Park Service and may be reproduced by NPS or its partner organizations without permission; appropriate credit will be given for any such use.

YOU MUST SUBMIT –

- (1) original and seven (7) copies – a total of 8 – complete application packages.
 - Page one of the application must be the first page in the original and copies. Do not use other cover pages.
 - The original must be secured with a binder clip.
 - Each copy must be secured with a staple or binder clip; do not use pocket folders, notebooks, or ring-binders.
 - Photographs must be in photo sleeves or an envelope; do not send loose photos.
- One (1) additional photocopy of page one of the application.

A complete application package is:

- Application on 2005 form; applications on previous years' forms will not be considered.
- Authorizing Official signature; for Federal Agencies, this is the agency head. (Application Section 3)
- Proof of nonprofit status, if applicable. (Application Section 4)
- Minimum of four (4), 4"x6" or larger black and white or color photographs. Submission of printed digital photographs will not disqualify an application. However, photographs of lesser quality could affect reviewers' evaluation of an application. (Application Section 5)
- Documentation of determination of eligibility for listing in the National Register, if applicable. (Application Section 7)
- Timeline for project completion. (Application Section 8B)
- Detailed budget. (Application Section 9)

**Applications must be received by 5:00 pm Eastern Standard time, Tuesday, February 1, 2005.
This is NOT a postmark deadline.**

SEND APPLICATIONS TO

Save America's Treasures
Heritage Preservation Services, National Park Service
1201 "Eye" Street, NW
6th Floor (ORG. 2255)
Washington, D.C. 20005
(202) 513-7270, ext. 6

PLEASE NOTE - Applications should not be submitted through the US Postal Service. All US Postal Service mail to Federal agencies in Washington, D.C. is irradiated, which can damage or destroy materials and lead to a delay in delivery. You must submit your application via an alternate carrier.