

NEH Application Cover sheet (HAA-281028)

Digital Humanities Advancement Grants

PROJECT DIRECTOR

Ms. Jennifer Elizabeth Chenoweth
Museum Site Coordinator
P.O. Box 1088
Austin, TX 787671088
USA

E-mail: jennifer.chenoweth@austintexas.gov
Phone: 5129782310
Fax:

Field of expertise: Interdisciplinary Studies, General

INSTITUTION

City of Austin
Austin, TX 787044652

APPLICATION INFORMATION

Title: *“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”*

Grant period: From 2021-09-01 to 2023-09-30

Project field(s): African American History; Geography; Archaeology

Description of project: To construct a digital model of a three-acre segregated section of a historic cemetery. Men, women and children buried in the 1800s were of African American, Mexican American, and European American heritage; segregated due to race and class. This Level I grant project completes a 3D spatial analysis of monuments and adds the potential burial locations of approximately 88% of burials that people cannot “see.” Less than 300 monuments exist in this three-acre area that holds 2,731 burials. Therefore, it is difficult for the public to imagine that this grassy area is full of the unmarked graves of people who were marginalized in both life and in death. Poorly kept and incomplete records add to the frustrations of people researching their ancestors or cultural history. Our model of this area combines photography and lidar, adding historic data including photo, video, exhibits and legacy maps. The project culminates in community outreach call for additional historical information.

BUDGET

Outright Request	50,000.00	Cost Sharing	0.00
Matching Request	0.00	Total Budget	50,000.00
Total NEH	50,000.00		

GRANT ADMINISTRATOR

Ms. Margaret Stenz
P.O. Box 1088
Austin, TX 787671088
USA

E-mail: margaret.stenz@austintexas.gov
Phone: 512.974.3610
Fax:

NEH: Digital Humanities Advancement Grant Program
Oakwood Cemetery Chapel, City of Austin
“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

Participants

City of Austin project staff:

Jennifer Chenoweth, Museum Site Coordinator, Oakwood Cemetery Chapel, PARD – Project Director

Istvan Voiculescu, BIM / CADD Manager / IT Systems Administrator Sr., Public Works Department – Staff Collaborator on 3D Mesh

Ryan Piper, IT GIS Technician, Oakwood Cemetery Chapel, PARD – Spatial Analyst

Amy Heath, GIS Exhibit Assistant, Oakwood Cemetery Chapel, PARD – Spatial Analyst

Alan Garcia, Exhibition Specialist, Oakwood Cemetery Chapel, George Washington Carver Museum, Cultural and Genealogy Center, PARD – Researcher

Greg Farrar, Exhibit Assistant, Oakwood Cemetery Chapel, PARD - Researcher

City of Austin staff advisors:

Laura Esparza, Division Manager, Museums and Cultural Programs Division, Parks and Recreation Department (PARD) – Supervisor of Project Director

Caitlen Hill, Program Manager, Cemetery Operations Division, PARD – Staff Advisor

kYmberly Keeton, African American Archivist, Austin History Center, Austin Public Library – Staff Advisor

Allison Hardy, IT Geospatial Analyst Sr., PARD – Staff Advisor

Cara Bertron, Senior Planner, Housing and Planning – Staff Advisor

External consultants and contractors:

Dr. Maria Franklin, Archaeologist, The University of Texas at Austin – Contractor

Dr. Tara Dudley, Architectural Historian, University of Texas at Austin - Contractor

Diana M. Hernández, Historic Preservationist, The University of Texas at Austin - Contractor

Laura Cortez, CEO, Cortez Consulting - Contractor

Peter Fitts, Technical Manager, Esri - Consultant

Greg Hymel, GISinc - Contractor

NEH: Digital Humanities Advancement Grant Program
Oakwood Cemetery Chapel, City of Austin

“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

Community project advisors:

Melissa Rogers, Save Austin’s Cemeteries

Dr. Arro Smith, Save Austin’s Cemeteries

Kay Boyd, Save Austin’s Cemeteries

Jan Root, Save Austin’s Cemeteries

Bob Ward, Chair, Travis County Historical Association

Maria Solis, Tejano Genealogy Society of Austin

Pamela Owens, Six Square

Stephanie Lang, Director, Equity & Community Advocacy, Center for Community Engagement, UT-Austin and Founder of RECLAIM

Danielle McGhee, Library Archivist, Huston-Tillotson University

Harrison Eppright, Manager of Visitor Services and Tour Ambassador, Visit Austin (formerly The Austin Convention & Visitors Bureau)

Narrative

Enhancing the Humanities:

In order to reflect upon and acknowledge the diversity of Texas history, Oakwood Cemetery seeks to obtain a Level 1 grant to develop new technology in the form of a digital model which illustrates the potential location of thousands of unmarked and unplatted gravesites in our historically segregated section. This will honor disregarded individuals and memorialize their unique cultural influence, expanding our historic archaeology project. We will design a 3D interactive digital model for the three-acre segregated section within our forty-acre historic Texas cemetery. We will contextualize this model by geo-tagging it with historical data, creating a physical demonstration of our layered history.

The gravesites of approximately 2,400 disenfranchised people remain unknown in Oakwood’s segregated section. Our project creates digital, time-elapsing models of potential grave locations to help the public better understand the fulfilled capacity of those burial grounds and their meaning in history. “Residents” in this segregated section include notable individuals in U.S., Texas, African American, and Mexican American History. They were the founders and members of Texas’ major institutions of education, industry, and culture. These individuals, however, were historically disenfranchised on the basis of racial discrimination. This project primarily seeks to reach the descendants of those buried in the segregated section, as well as the BIPOC public of Austin and Texas. Our citizens need a trusted place to grieve, recover, heal, and learn. Many of our BIPOC citizens are grieving the loss of culture and community; this project offers a deep historical reflection upon this loss, while simultaneously featuring the powerful successes of historically disenfranchised individuals connected to Austin.

Because of Oakwood Cemetery’s ongoing archaeology project entitled “All Together Here,” we have some evidence of the ethnicities and burial arrangements in this area. In 2017, the Oakwood Chapel’s renovation revealed that the Chapel was built over gravesites in 1914. Archaeologists analyzed 36 burials and were able to identify the ancestry of 20 adults, the other 15 were children. Six of the adults were of African ancestry, seven were of Hispanic ancestry, six were of European ancestry, and one was estimated broadly to be of Asian ancestry; current DNA analysis in progress will reveal more. In dealing with the reality and meaning of this discovery, it is more vital than ever to honor the history of those buried in our segregated section. Our modeling project helps us further reveal the truth of their past, as well as that of many others buried in the segregated section, without disturbing the earth that holds these burials. Public cemeteries are often the most direct and deeply personal link to a community’s past, allowing Oakwood to use this project as a means to heal. This project will merge information science, genealogy, history, archaeology, and geography using new technologies in a public facing and collaborative platform.

Our project will be accessible and necessary for students of history at all levels. The typical historic narrative of Texas is taught from the perspective of the dominant culture; any other experience is isolated and marginalized. Uncovering the often overlooked, underrepresented, and unreported experiences of these marginalized communities will create a greater understanding towards this overall, complete history. Addressing and solving the role and practice of systemic racism, past and present, begins with examining the earlier culture and the people who established that culture. We will impact racial inequity through this tool that tells the full story of history. We cannot change our practice of systemic racism without first examining our past and the people who established our city our journey to this point.

In order to further contextualize the importance of this historical work, we offer a brief history of several stories from Oakwood’s segregated areas. Reverend Jacob Fontaine was enslaved until he was 57. After emancipation in 1865, he founded six Black Baptist churches that still operate, the multi-county St. John Association to support all Black Baptist churches, and a Black newspaper. He left an astonishing legacy of faith. Reuben Shannon Lovinggood was the first President of a historic Black college, now Huston-

NEH: Digital Humanities Advancement Grant Program

Oakwood Cemetery Chapel, City of Austin

“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

Tillotson University. Lovinggood’s speeches and ideas elevated Black communities and laid the groundwork for Civil Rights. The Camacho family contributed countless hours of social activism and research to create inclusive Mexican American histories of Austin. Danny Camacho advocated for the preservation of our cemetery in the last two decades. Gene Ramey, whose family were members of the St. John Association, was a leader in American Jazz. L.C. Anderson, the longstanding Principal of Austin’s excellent Black public high school, and all of his family, including jazz musician “Ernie” Mae Crafton Miller, are buried together. The segregated section of our cemetery tells the stories of individuals who deeply influenced our early city. Oakwood’s 3D interactive map will allow viewers to access these stories and connect them to the present-day city landscape.

Legacy maps can show how the lives of two individuals, both named Mr. Holland, interacted in the same geographical space. One Mr. Holland was a privileged property owner. The other Mr. Holland was born into slavery in the Holland family, but was freed and educated in the North. Both fought in the Civil War on opposite sides, both were state legislators in Texas, both are buried with their families surrounding them in Oakwood Cemetery, but one in the segregated section. In understanding “A More Perfect Union” for the 250th anniversary of the United States, we can demonstrate through place the intersectionality of these people all buried here together, unequal in their birth status, but united through their humanity and mortality. These stories are not present in modern day historical education. In creating an accessible, interactive 3D map, we seek to amplify these underrepresented histories and encourage a movement toward inclusive education.

Since opening the Oakwood Chapel as a visitors and heritage center at the historic Oakwood Cemetery in May 2019, most of our resources have been dedicated to researching and publishing the histories of underrepresented people in Texas history. This 3D project represents the next step in our vision of engaging the community with meaningful and impactful historical knowledge. It will be entirely open to the public, acting as a blueprint for further expansion of inclusive history throughout Texas and the United States. In completing this project, we seek to redefine our concept of a ‘museum,’ creating an interface which is captivating and approachable from anywhere in the world. We will challenge the standards of education and inspire further inclusive research and growth.

Environmental Scan:

With similar goals and motivations, the Hart Island Project Traveling Cloud Museum interactive digital map uses aerial views to geolocate and identify the sites of mass graves of New York City’s unclaimed dead. For each burial, all data that is known is listed with an ongoing opportunity for the community to contribute new information. Each burial lot is a place-identified virtual filing cabinet for information about each person buried there in which family descendants and historians can add to over time. Its 2D map uses photography and a customized Esri platform.

Oakwood’s segregated section will be visualized with placeholders of where 88% percent of the total burials in this area may be placed. Our completed 3D map with interactive historical data will be the prototype for Austin’s five municipal cemeteries that includes 80,000 people of all classes, cultures, and backgrounds. However, for most of the burials in Austin’s cemeteries, the locations are known. This can be accomplished using an expansion of the Cemetery Information Management Systems (CIMS) database that the City of Austin’s Cemetery Operations Division uses. Our 3D model will help advocate for the need for public facing data to be shared by the City of Austin. The distinction here is that CIMS is used to map authenticated burial locations. For this 3D interactive and time-layered visualization, the location of 2,400 burials within an area is speculative.

This project is complex in that creating a 3D searchable and interactive model will use new technologies, and modeling potential burial locations in 3D mesh is unique. One major risk is to fail to gain the trust of

the community in order to gain more historical data. Many individuals may not have access to computers and the resources they would need to contribute information. Our community interaction plan follows the example set by the “Texas Freedom Colonies Project” in its ongoing collecting activities using community outreach of stories about African American settlements in Texas after the Civil War. Our project, in addition to geolocating history and adding crowd-sourced content, creates a visual 3D model of mapped space as it changes over a set time. More examples of 2D grave mapping and crowd-sourced burial history projects include the Arlington National Cemetery, Find A Grave, and Billion Graves.

The project release will be leveraged as a call for crowd-sourced historic information about African American and Mexican American individuals and heritage within the history of Austin, Texas. The Austin History Center of the Austin Public Library and the Policy Planning and Outreach of the Housing and Planning Department are considering their own community engagement project, this allows us to collaborate for greater reach.

History of the project:

Oakwood Chapel staff with Cemetery Operations staff and Save Austin’s Cemeteries have inventoried our record holdings and created a workflow to create a single master list of over 23,000 burials, an ongoing project that started in February 2019. Since summer 2019, Chapel staff audited that list to identify all burials of people buried in segregated sections of the cemetery in “Strangers’ Grounds,” “Mexican Grounds,” “Colored Grounds,” “Pauper Grounds,” identifying 5,424 records and creating a dashboard and timeline. In summer of 2019, staff completed a digital field survey of monuments within the segregated section. Information fields have been identified for public facing search tools. In summer of 2020, staff created a 3D drone scan of this same area testing 3D scan meshing software to see which functions best, in partnership with the City of Austin’s Public Works Department. In fall 2020, staff completed a 2D digital map of the grounds of Oakwood Cemetery. In October 2020, staff produced the public archaeology symposium “All Together Here” to share and reflect on research to date.

Since fall 2019, Chapel staff have published related digital history exhibitions using interactive Esri StoryMaps acting as online museum exhibits, which include multimedia sources to create engaging historical content. Subjects include African American history, Tejano history, archaeology, women’s suffrage and music history that include legacy maps and biographies of individuals that will be included and expanded upon in future programming. Our 2021 programs include the legacy of a historic black university, LGBTQ history, veterans’ history, and American Indian history. Save Austin’s Cemeteries and community organizations contribute to these programs.

Activities of project:

Existing part-time Chapel staff will continue their research toward this project. Three employees will have their hours increased and paid through this grant: Ryan Piper, Amy Heath, and Alan García. Other City staff will contribute through their existing paid positions: Jennifer Chenoweth, Caitlen Hill, Laura Esparza, Istvan Voiculescu, Allison Hardy, Greg Farrar, kYmberly Keeton, and Cara Bertron. Three outside academic advisors will be paid as consultants: Dr. Maria Franklin, Archaeologist; Dr. Tara Dudley, Architectural Historian; and Diana Hernández, Historic Preservationist. One outside contractor will be paid as meeting facilitator and community engagement specialist: Laura Cortez. One outside firm will be paid to develop an integrated application for continued community engagement: GISinc. The City of Austin has an enterprise license with Esri which includes dedicated support for our project.

Our advisory team of City of Austin employees and community stakeholders will meet to advise on the project. We will share our work and get feedback on how best to engage the community with a professional community engagement consultant and moderator. We will present the 3D mesh model previously created by Oakwood Chapel staff and the Public Works staff. Our Architectural Historian and

NEH: Digital Humanities Advancement Grant Program

Oakwood Cemetery Chapel, City of Austin

“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

Preservationist will help us understand the best ways to interpret materials and meanings of existing monuments and present new shapes for unmarked grave locations in our model. Our Archaeologist will help us model the potential layouts of unmarked graves over decades of the later 1800s.

Records of monuments will be further detailed as interactive popups on the 2D digital map. We will work with Esri consultants on how to integrate the 2D map and 3D model. We will test publishing the maps and models on various devices such as phones, tablets and computers to identify the best ways to view the model on remote computers and on-site using phones and tablets to identify the most accessible viewership. We will develop a public “call for information and records” with the help of GISinc as consultant developers, in coordination with the Austin History Center, the Housing and Planning Department and our community engagement consultant. We will present these projects to our advisory team for feedback. We will test our applications with our nonprofit advocacy group Save Austin’s Cemeteries and advisors. We will test all applications for accessibility for the disabled.

The software we use will be: Esri Collector, Esri LocateXT, Esri ArcGIS Pro, Esri ArcGIS Online, Esri StoryMaps, PhoDar (photography and lidar), ContextCapture, and integrated search tools. These are not open source platforms but are in common use in municipalities. Remote users will see the 3D mesh map with relevant information. On-site users will see the relevant information through a map on their device.

The Parks and Recreation Department has an elaborate performance measures tracking system for our programs to which we report monthly. This program will be included in the tracking, and it is open to inquiry by the public and our stakeholders at any time. ArcGIS Story Maps track usage that we include in these reports. We also track usage on video channels, social media, and reach through publicity. We include optional surveys to our participants in our emails and in-person visits to the Chapel. These will be included in our public response program. Annually, our Museums and Cultural Programs Division requires us to survey our stakeholders through community engagement. We will be getting feedback annually as to the effectiveness of our work and programs.

The project benefits all staff, interns and any students brought in by our academic advisors by collaborating on new technology for a historic resource that includes and envisions previously disregarded members of a community. The Chapel's educational and cultural programming is focused on engaging and earning the trust of marginalized communities. Our programs are focused on community groups and organizations including African American, Tejano/Latinx, senior citizens, arts groups, youth, and military veterans. Our staff collaborates with community organizations in support of these research projects and events. This creates community, shared purpose, connection, and healing for all involved.

Final products:

The final product will be an accessible interactive digital history map of Oakwood Cemetery in 3D with an ongoing call for community contributions. These will be published on the City of Austin website. The platforms may function best as a stand-alone web application linked from the website. All collaborators will be publicly credited and Chapel staff will produce public videos documenting the social and technical processes of the project. Our methods will be shared for others to model and improve.

Dissemination:

The City of Austin Parks and Recreation Department and Save Austin’s Cemeteries will publicize the project to their audiences. If successful, the Austin History Center and the Housing and Planning Department will expand our community call, as will our other community stakeholders. We will submit the project for conference and symposium topics and awards in geography and history, such as the Esri User Conference, Society of Black Archaeologists, Association for the Study of African American Life and History, the Texas State Historical Association Annual Meeting and other relevant conferences.

WORK PLAN		2021				2022							
2021-2022, YEAR 1		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Planning and contracting	PARD												
Director, PARD admin, paid contractors including GISinc, Dr. Dudley, Dr. Franklin, Hernández, Cortez													
Organization and development	PARD												
Directors, COA staff													
Launch meeting: staff	PARD & COA												
1) Chenoweth, Hill, Esparza, Hardy, Voiculescu, Piper, Heath, García, Farrar													
Launch meetings: advisors	COA & Community												
1) Chenoweth, Hill, Piper, Heath, García, Farrar, Keeton, Bertron, Dr. Dudley, Dr. Franklin, Hernández, GISinc; facilitation by Cortez Consulting													
2) Chenoweth, Hill, GISinc, Save Austin's Cemeteries: Rogers, Dr. Smith, Boyd, Root ; facilitation by Cortez Consulting													
3) Chenoweth, Hill, GISinc, Ward, Solis, Owens, Lang, McGhee, Eppright ; facilitation by Cortez Consulting													
Summarize advisor meetings, present report to team for comments													
PARD staff team begins modeling and mapping projects													
Chenoweth, Hill, Hardy, Piper, Heath, García, Farrar													
Consult with COA staff & Esri with questions													
Voiculescu, Hardy, Piper, Heath, García, Farrar													
Test working model of 2D map on data devices													
Engage consultants Esri, Dr. Dudley, Dr. Franklin, Hernandez on 3D spatial analysis													
Import additional photography to add to 3D model													
Evaluate early prototypes of community engagement project with GISinc													
Test integration of 2D map and 3D model													

PARD = Parks and Recreation Department, COA = City of Austin (other departments), SAC = Save Austin's Cemeteries

WORK PLAN 2022-2023, YEAR 2	2022				2023							
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Test integration of 2D map and 3D model												
Improvements												
Test community engagement project by GISinc with staff												
Staff feedback and evaluation of projects												
1) Esparza, Hill, Hardy, Voiculescu, Keeton, Bertron												
2) Open meeting for COA staff inviting PARD Communications, Technology & Management (CTM), GIS managers (GIMOB), Austin History Center, Historic Preservation and Heritage Tourism, Housing and Planning ; facilitated by Cortez Consulting												
Improvements												
Advisors feedback and evaluation of projects; facilitated by Cortez Consulting												
1) SAC advisors, Ward, Solis, Owens, Lang, McGhee, Eppright; facilitated by Cortez Consulting												
2) Open meeting for SAC members, Travis County Historical Commission, Six Square, UT Center for Community Engagement, Huston-Tillotson University, Visit Austin, Austin History Center Association ; facilitated by Cortez Consulting												
Improvements												
Test community engagement project with SAC (possibly advisors group, depending on feedback)												
COA supervisor approval, Public Engagement Unit and Communications of PARD												
Publicity and public release with PARD												

Potential risks: staff changeovers, failure to create compelling 3D model, failure to integrate 2D map and data with 3D model, mapping and modeling taking longer than expected, improvements after feedback taking longer than expected, intense negative feedback from community advisors, apathic response from community advisors, little to no community feedback

NEH: Digital Humanities Advancement Grant Program
Oakwood Cemetery Chapel, City of Austin
“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

Biographies

City of Austin project staff:

Jennifer Chenoweth, Museum Site Coordinator, Oakwood Cemetery Chapel, PARD – Project Director
Jennifer Chenoweth has a 30-year practice of public engagement through the arts and humanities. She created an interactive project XYZ Atlas to visualize emotional experience for communities. XYZ Atlas reached over 600,000 people in real life and over 7 million in the media through 2017, culminating in a TEDMED talk in 2018. Her projects have been funded through grants from the National Endowment for the Arts, the Mid-America Arts Alliance, the Texas Commission on the Arts, the City of Austin, the Austin Parks Foundation, the Downtown Austin Alliance, Project for Public Spaces, Southwest Airlines, and ArtPlace America. Chenoweth studied Painting and Sculpture at the Kansas City Art Institute; has a master’s degree from the “Great Books” Liberal Arts and Humanities program at St. John’s College in Santa Fe, and holds an M.F.A. in Studio Art from The University of Texas at Austin.

Istvan Voiculescu, BIM / CADD Manager / IT Systems Administrator Sr., Public Works Department – Staff Collaborator on 3D Mesh

Istvan Voiculescu is a BIM/CAD Manager and Part107 Certified UAS pilot within the City of Austin's Public Works Department. He is responsible for the use, research, development and implementation of emergent surveying and engineering technologies across the department and their interoperability with other entities within and outside the city.

Ryan Piper, IT GIS Technician, Oakwood Cemetery Chapel, PARD – Spatial Analyst

Ryan is a GIS analyst specializing in map production, geospatial data editing and manipulation. With a degree in GIS and a broad background including service in the U.S. Army, he aims to create positive change by providing his community with informative stories, maps, and other data driven products.

Amy Heath, GIS Exhibit Assistant, Oakwood Cemetery Chapel, PARD – Spatial Analyst

Amy Heath codes basemaps, manages databases, and publishes resources for the Oakwood Chapel. She completed her Geographic Information Level 1 Workforce Certification at Austin Community College in 2020. She is a current student in the University of Maryland's GIS remote master’s program. Amy has a Bachelor of Fine Art with a concentration in painting from Cameron University in Lawton, Oklahoma and has lived in the Austin area for the last ten years. Amy has also worked as a GIS intern with Austin's Capital Metropolitan Transit Authority.

Alan García, Exhibition Specialist, Oakwood Cemetery Chapel, George Washington Carver Museum, Cultural and Genealogy Center, PARD - Researcher

Alan García is an Austin native and historian, and a staff member at both the Oakwood Chapel and the Carver Museum. He founded the project ATXbarrioarchive on Instagram in 2016 to share images of Austin’s history with the community to interact and engage people about culture and shared memories. He is a graduate student at The University of Texas at Austin in Information Sciences.

Greg Farrar, Exhibit Assistant, Oakwood Cemetery Chapel, PARD - Researcher

Gregory Farrar is an exhibit assistant at Oakwood Cemetery Chapel and the George Washington Carver Museum, Genealogy and Cultural Center, and an archival volunteer at Huston-Tillotson University. Greg has an interest in the preservation of historic East Austin and its' history and culture. He is a descendant of Reuben Shannon Lovinggood, the first President of Samuel Huston College in Austin from 1900 to 1916.

NEH: Digital Humanities Advancement Grant Program

Oakwood Cemetery Chapel, City of Austin

“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

City of Austin staff advisors:

Laura Esparza, Division Manager, Museums and Cultural Programs Division, Parks and Recreation Department (PARD) – Supervisor of Project Director

In this capacity, Ms. Esparza manages 11 museums and cultural centers with 18 programs in theater, dance, visual arts, film and arts education. As a professional arts administrator, facility planner, and organizational consultant, she has founded arts programs and facilities in Bellingham, San Diego, San Francisco, Seattle, San Antonio, and San Jose. As a direct descendant of Gregorio Esparza, Alamo cannoneer, she participates in historical activities and organizations that honor her ancestors.

Caitlen Hill, Program Manager, Cemetery Operations Division, PARD – Staff Advisor

Caitlen has worked in museums for 7 years with programming and program development. As site manager of a 1890’s site of the George Ranch Historical Park outside of Houston, she designed new blacksmithing courses for students and volunteers, revamped the house tours, and collaborated with the other sites at the ranch to build out the interpretation of the time period during big events. The volunteers for Texian Market Days went from 4-8 people to 75 or more each year greatly increasing the amount of history that could be interpreted for the 2,000-4,000 school children who visited each year. She helped develop programming for hands-on activity carts at the Maxwell Museum of Anthropology in Albuquerque, NM on topics from the evolution of humans to the interpretation of the Southwest’s indigenous cultures.

kYmberly Keeton, African American Archivist, Austin History Center, Austin Public Library – Staff Advisor

kYmberly Keeton is a native of Fort Worth, Texas. She is a graduate of the University of North Texas with a Master’s in Library Science. In her present role, she documents and archives African American narratives in Austin, Texas – The State Capitol. As the African American Community Archivist and Librarian at the Austin History Center, Austin Public Library, Keeton’s work is about forming collaborative partnerships, building relationships with the community, and collecting, archiving, and sharing experiences about Austin’s African American History in the state capitol. The art curator is also the founder of ART | library deco, an online African American digital art library. Keeton is the 2019 Honoree Recipient in of the Austin, Texas Civic Futures Award for Community Engagement and Inclusion. In addition, she is a 2019 Inductee into The Douglass Club of Austin, Texas – Mary Church Terrell District. Currently, kYmberly Keeton is writing a scholarly book about African American art & creative librarians as social advocates for change from the south.

Allison Hardy, IT Geospatial Analyst Sr., PARD – Staff Advisor

Allison Hardy has been with the City of Austin Parks and Recreation since 2005. She has implemented new ESRI Technology as they become available and applicable. She supports the majority of the department in regards to ESRI software and best practices. She excels at database designs and provides a plethora of GIS data to users.

Cara Bertron, Senior Planner, Housing and Planning – Staff Advisor

Cara Bertron is excited about preservation as a tool for making communities more equitable, affordable, and sustainable. Over the past 10+ years, she has worked for nonprofits, consulting firms, and cities to advance innovative surveys and plans at the local and national levels, leverage data in new ways, and support local efforts to celebrate heritage and maintain affordability. She has extensive experience in both legacy cities and strong-market cities. In Austin, she helps to lead the Historic Preservation Office's work

NEH: Digital Humanities Advancement Grant Program

Oakwood Cemetery Chapel, City of Austin

“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

around more inclusive outreach to historically underrepresented communities, strong educational materials (print and online), collaborative partnerships, and full utilization of GIS.

External consultants and contractors:

Dr. Tara Dudley, Architectural Historian, University of Texas at Austin - Contractor

Tara Dudley, Ph.D. teaches for The University of Texas at Austin’s School of Architecture, having obtained her doctorate (Architectural History) in 2012 and her master’s degree (Historic Preservation) in 2003 from UTSOA. Her research methodology includes creative utilization of archival resources and conducting oral histories. Notably, she has applied this approach to her study of the architectural activities of New Orleans’ gens de couleur libres (free people of color); their influence on the physical growth of New Orleans; and the historical, cultural, and economic implications of their contributions to nineteenth-century American architecture. Dr. Dudley has 15 years professional experience as an architectural historian for HHM & Associates, Inc. (formerly Hardy·Heck·Moore, Inc.), an historic preservation and cultural resources management consulting firm located in Austin, Texas. Her education and experience fully satisfy the Secretary of the Interior’s Professional Qualification Standards as an Architectural Historian.

Dr. Maria Franklin, Archaeologist, The University of Texas at Austin - Contractor

Maria Franklin, Ph.D. received her education at the University of California at Berkeley. She is currently serving on the archaeology team for the City of Austin’s Parks and Recreation Department’s project of discovery for the archaeology findings at the Oakwood Chapel. Her expertise is in historical archaeology, archaeological theory, African Diaspora studies, race and gender, and feminist theory. Dr. Maria Franklin is an Assistant Professor at the University of Texas, where she has a joint appointment in the Department of Anthropology and the Center for African and African-American Studies. Her research includes work on plantation-related sites in the Chesapeake at Colonial Williamsburg, and foodways in African American households in Texas. From 2010-2013 she sat on the Board of Directors of the Society for Historical Archaeology. Dr. Franklin is the lead Archaeologist consultant to the City of Austin Oakwood Chapel for the DNA and bio-identification and reinterment project for individuals found buried under the Oakwood Chapel.

Diana M. Hernández, Historic Preservationist, The University of Texas at Austin - Contractor

Diana has taught in Texas for 10 years and has been an independent researcher on issues of language, diversity and preservation since 2014. Diana obtained an M.A. in Spanish Language, Literature and Culture from the University of Houston and a B.A. in Public Relations and Spanish Language, Literature and Culture from the University of Houston. In summer 2019, Diana conducted research with the National Institute for Anthropology and History in Mexico City. The initiative titled, “Sites of Memory of the Slave Route in Latin America,” focuses on the preservation of sites related to Afro-Mexican history and culture and is part of an overarching effort by UNESCO. Her work, locally and abroad, highlights the preservation of cultural landscapes related to the history of racial violence. She is currently documenting and researching the history of a Mexican/Mexican American cemetery in the Travis County area as well as additional sites in Houston as part of her master’s thesis.

Laura Cortez, CEO, Cortez Consulting - Contractor

Laura Cortez is from the Rio Grande Valley and came to Austin in 1999 as an AmeriCorps VISTA volunteer. She earned her B.S. in Environmental Science from Drake University, and later went on to earn her MBA from St. Edward’s University and PhD in Higher Education from the University of Texas at Austin. In 2012, Laura served as a postdoctoral fellow at UT’s Community Engagement Center as the

NEH: Digital Humanities Advancement Grant Program

Oakwood Cemetery Chapel, City of Austin

“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

Director of Public Engagement. In this role, she led one of Austin’s most comprehensive public engagement projects known as the Colony Park Sustainable Community Initiative. Laura credits this experience with changing her professional trajectory and after completing the project she launched Cortez Consulting. Today, Laura is designing new ways to effectively engage the public, particularly those individuals who are traditionally left out of the conversation. Cortez Consulting is certified as a Women and Minority-Owned Business (MWBE) and Historically Underutilized Business (HUB). The organization is a member of the Greater Austin Hispanic Chamber of Commerce (GAHCC) and involved with an array of projects across the City working to build positive relationships within the community. During her free time, Dr. Cortez stays active in the community. She is a recent graduate of Leadership Austin Essential Program and serves on the board of the Austin Parks Foundation and Leadership Austin.

Peter Fitts, Technical Manager, Esri - Consultant

Peter Fitts is a passionate and accomplished software industry professional with expertise in Geographic Information Systems (GIS). He helps customers solve business problems by applying GIS to improve efficiency, communication, and decision making. His customers include the US Federal Government, NATO, National Governments from the around world, State/Local Governments, and NGOs. He serves in a leadership role in Esri's Professional Services division in the effective implementation and application of Esri's ArcGIS platform that connects people with maps, data, and apps.

Greg Hymel, GISinc - Contractor

Greg Hymel is a Geographer who utilizes his experience in managing location data to provide GISinc's customers with the best solutions for organizing, presenting, and providing access to dynamic information about their world. His combined experience working both as a civil servant and a consultant for local governments provides a unique understanding of functional requirements for his clients. Before coming on board with GISinc in 2018, he had been their customer as the GIS Director for the City of New Orleans, (b) (6).

Community project advisors:

Melissa Rogers, Save Austin’s Cemeteries

Melissa has been fascinated with cemeteries since her childhood. She appreciates the unique historical perspective that cemeteries provide to a community. She has volunteered with SAC since 2016 as a member of the gravestone cleaning crew and as a tour guide for the MMM tours. Melissa is a Volunteer Docent at The Bullock Texas State History Museum where she specializes in the Comanche and early Native American trade routes with an emphasis on Jumano Trade Fairs. Melissa is committed to serving the community of Austin and is a Commissioner on the Municipal Civil Service Commission and a Volunteer Deputy Voter Registrar.

Arro Smith, Save Austin’s Cemeteries

Arro Smith, Ph.D., is a librarian and historian. He is currently Secretary of Save Austin’s Cemeteries. His research interests include memory studies theory and oral history methodology. While studying Information Science for this doctorate at UT a decade ago, he developed an online history of Austin Black mortuaries that has recently been incorporated into to PARD’s “To Remember” interactive history map. In addition to working to preserve Oakwood, he has been an advocate and volunteer caretaker of Bethany Cemetery for many years.

Kay Boyd, Save Austin’s Cemeteries

NEH: Digital Humanities Advancement Grant Program

Oakwood Cemetery Chapel, City of Austin

“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

Kay has been a member of SAC since its inception. She is keenly interested in the preservation and care of Austin cemeteries. Her great-grandparents were Swedish immigrants who came to Austin and Texas in 1870 and are buried in Oakwood Cemetery. She also has family buried in the Oakwood Annex and Austin Memorial Park. Kay is also a member of the Austin Genealogical Society where she works with the Travis County cemetery project and county records. She was instrumental in beginning the Travis County Pioneer program. Besides cemeteries and genealogy, she is very interested in Travis County history.

Jan Root, Save Austin’s Cemeteries

Jan has been a great supporter of Save Austin’s Cemeteries for many years, helping with special events, research, and planning. She is a native of Austin and a UT graduate with a BA in American History. Jan has extensive knowledge and experience in the archives field, working eighteen years at the Austin History Center, twelve years at the Harry Ransom Humanities Research Center, and two years as an archivist at Texas Parks & Wildlife. She also worked several years conducting historic surveys, including a US Navy project that took her to 37 states documenting Navy artifacts. She is currently a Certified Archivist at the Texas General Land Office, working with historic maps and land grants. Jan appreciates cemeteries for the link they provide to our past and the historic information that can be gathered from them. Jan is especially interested in SAC because of the work that's done to document and preserve Austin's cemeteries, thereby preserving her hometown's history.

Bob Ward, Chair, Travis County Historical Association

Bob Ward is the chair of the Travis County Historical Commission, an Archeology Steward and member of the Antiquities Advisory Board with the Texas Historical Commission. He is on the boards of the Austin History Center Association and Preservation Austin. He works with Save Austin’s Cemeteries and the Travis County Archeological Society. After Sherman High graduation, he served with the Marines in Vietnam, worked as a commercial diver in Houston and has been a real estate appraiser since 1975 in both Houston and Austin. He has worked extensively with affordable and sustainable housing organizations around Austin. He has an undergraduate degree in Anthropology/Archeology from the University of Houston and a Master’s degree in Geography from UT. Most of the archaeology has been in the central Texas region but have spent 7 seasons in Scotland on various projects.

Maria Solis, Tejano Genealogy Society of Austin

Maria Solis has been a massage therapist for the past 30 years. She is a life-long community volunteer. She currently serves on the City of Austin Hispanic/Latino Quality of Life Advisory Board and is finishing up her term on the Independent Citizens Redistricting Commission (10-1). She is a member of the Tejano Genealogy Society of Austin and its current president. She was on the TGSA committee to plan the festivities for the Unveiling of the Tejano Monument on the Capitol Grounds and, on the committee for the 5th Anniversary of the Unveiling of the Tejano Monument. In her spare time Maria works on her family genealogy and helps others do their research. She has been an Austinite for the past 42 years and has an adult daughter.

Pamela Owens, Six Square

Pamela Benson Owens has been an entrepreneur for over 20+ years and is the President/CEO of Edge of Your Seat Consulting, Inc. She most enjoys collaborating and working with organizations to assist in matters regarding all things geared toward organizational effectiveness. Currently Pam serves as the acting Executive Director for Six Square, Austin’s Black Cultural Arts District. She feels fortunate to be able to work on meaningful projects alongside a talented team of professionals who demonstrate high integrity and consciously work to provide the best support to clients. Pam is also in her third year of being

NEH: Digital Humanities Advancement Grant Program

Oakwood Cemetery Chapel, City of Austin

“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

on faculty at the Center for Nonprofit Excellence at Austin Community College where she teaches fundraising principles and methodology around donor motivations and diversity. Whether she is brought in to address infrastructure building, training and development, coaching, leveraging the most out of staff, proactive HR practices, culture building, teaming, group facilitation, governance, confliction resolution, executive coaching, diversity, equity and inclusion building, strategic planning and/or establishing processes and procedures, Pam has a depth of experience navigating the complexities of these aspects in both the non-profit and for-profit organizations.

Stephanie Lang, Director, Equity & Community Advocacy, Center for Community Engagement, UT-Austin and Founder of RECLAIM

Stephanie L. Lang, a writer, community curator and passionate advocate for social justice, will lead Equity and Community Advocacy for the University of Texas Center for Community Engagement (CCE). Lang has been leading both the cultural and historic preservation efforts for the CCE the past year. Previously, Lang worked for the John L Warfield Center for African & African American Studies at the University of Texas for over 14 years. In her position as Program Administrator, she created community-centered programming that fostered relationships between UT and Austin community organizations through collaborations, shared resources, and other forms of support. In 2018, after the success of multiple community curatorial projects centered around black communities in Austin, Ms. Lang founded RECLAIM, an organization that works to discover, recover and ultimately showcase the narratives and histories of black people throughout the diaspora, and present these findings through an artistic and thought-provoking lens. Lang also hosts Zumbi, a radio show sponsored by the John L. Warfield Center and the CCE, that airs on KAZI-88.7 FM. She spotlights activists, scholars and artists whose work is centered around the affluence of Black life and activity not only in Austin, but around the world.

Danielle McGhee, Library Archivist, Huston-Tillotson University

Danielle McGhee became Library Director and Archivist of Huston-Tillotson University in August 2018. In addition to the management and administration of the library, she oversees the university archives and participate in providing research and literacy instruction. She is passionate about student engagement, connecting others with the resources they need to be successful, storytelling, and promoting lifelong learning. She received her B.A. in Fashion Merchandising from Howard University and M.S. in Library Science from North Carolina Central University.

Harrison Eppright, Manager of Visitor Services and Tour Ambassador, Visit Austin (formerly The Austin Convention & Visitors Bureau)

Harrison Eppright is passionate about Austin History and a native of East Austin. He has been providing high quality sightseeing tours for over 18 years and has won the ACVB Employee of the Year in 2008. Mr. Eppright is the host of "Juneteenth Jamboree" on KLRU, Austin's PBS station. He serves on the Forklift Danceworks Advisory Committee on Downs Field, a historic Black baseball field in East Austin associated with Huston-Tillotson University where notable athletes have played.

NEH: Digital Humanities Advancement Grant Program

Oakwood Cemetery Chapel, City of Austin

“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

Data Management Plan

The City of Austin has a long-standing enterprise license agreement with Esri which gives us access to most of the software we need as well as consulting hours for best practices and trouble shooting.

3D mesh software, ContextCapture, will be used to process the photogrammetry data and create a 3D model of the physical space. In the Appendices, we include a link to a YouTube video demonstrating our comparisons of software for this project. The City of Austin Public Works Department already holds a license for this software through Bentley Systems.

Esri hosts data as part of this agreement using AWS- Amazon Web Services.

The GIS data will live on ArcGIS Online, and will be backed up on our City of Austin network drive. The City of Austin network is secure and is backed up every night.

External storage of outward facing links and data will be hosted by Box.com.

The City of Austin has a secure enterprise account with Box.com.

Narrative data about burials will be hosted in the City of Austin’s Cemetery Information Management System (CIMS) software by Cemetery Operations Division of PARD with their subscription.

The above software platforms using paid subscriptions are our reason for not using open sourced software. We have not identified any open software options for the photogrammetry data processing and 3D model creation. In creating the 3D mesh we will add photography and lidar, and these workflows and processes will be documented by the Public Works Department with video tutorials included and posted on YouTube to help others create similar projects.

NEH: Digital Humanities Advancement Grant Program
Oakwood Cemetery Chapel, City of Austin
“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

Appendix

Bibliography:

“A Quick A to Z Guide on Capturing the Real World Using PhoDAR,” YouTube video, 17:20, Istvan Vliculescu, November 19, 2020, documentation of our 3D mesh project to date,
https://www.youtube.com/watch?v=yQu_eQ9ifyg&feature=youtu.be
Drone imagery of the “Colored Grounds” testing 3D mesh software

“All Together Here: A Community Symposium for Discovery and Remembrance,” October 9-10, 2020, Oakwood Cemetery Chapel, City of Austin Parks and Recreation Department,
https://experience.arcgis.com/experience/d0b7ec88a46147ff835c3be602d72938/page/page_0/
Includes schedule, videos of speaker presentations, and digital exhibition

“Oakwood Cemetery Chapel Resources,” <http://www.austintexas.gov/page/oakwood-cemetery-chapel-resources>
Free digital programming, including digital history exhibitions “All Together Here,” “To Vote,” “To Hear,” “Caminar,” “To Believe,” and others, Fall 2019 to present

“All Together Here: Discovery and Remembrance of Chapel Burials” digital exhibition,
<https://storymaps.arcgis.com/collections/eacb51b55ce945889c23f6f8ba62d186>
Includes digital map of Oakwood Cemetery and dashboard of burials of Oakwood Cemetery for graves not in family lots, historic context:
<https://austin.maps.arcgis.com/apps/webappviewer/index.html?id=070f25817cbe4b0f9eb3aa0f09fffcb>
<https://austin.maps.arcgis.com/apps/opsdashboard/index.html#/7bc84d0f9e9944089179c75a7f3a3a65>

“Oakwood Exhumations and Historic ‘Colored Grounds’ Monuments,” <https://arcg.is/00PvOb>
2D map of monuments in historic “Colored Grounds” completed by Ryan Piper, October 2020 from Summer 2019 field survey

“Oakwood Cemetery Records for Burials of People of Color,” YouTube video, 7:50, Austin Parks and Recreation, October 9, 2020, <https://youtu.be/YdHO8Uio53E>
Video analysis by Chapel staff member Greg Farrar of the burial records for people of color in the historic “Colored Grounds”

Virtual reality tour of historic “Old Grounds” and Oakwood Chapel, Jennifer Chenoweth, Trent Atkins, and Marbenn Cayetano, Oakwood Cemetery VR Team, January 2021
<https://cityofaustin.github.io/VR-OakwoodCemetery/>

Environmental scan references:

Hart Island Project, Traveling Cloud Museum with community input:

<https://www.hartisland.net/>

New York Council’s Hart Island data:

<https://council.nyc.gov/data/hart-island/>

Cemetery Information Management Systems software upgrades for future cemetery modeling:

<https://www.cimscemeterysoftware.com/360-drone-imaging/>

NEH: Digital Humanities Advancement Grant Program

Oakwood Cemetery Chapel, City of Austin

“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

<https://www.cimscemeterysoftware.com/burial-search/>

An example of crowd sourced geolocated African American History, Texas Freedom Colonies Project:

<http://www.thetexasfreedomcoloniesproject.com/>

<https://tamu.maps.arcgis.com/apps/MapSeries/index.html?appid=48f89e0f870c4400a990682a09cf919f>

An example of a searchable 2D map of Arlington National Cemetery:

<https://ancexplorer.army.mil/publicwmv/index.html#/arlington-national/>

Examples of crowd-sourced burial history projects:

Find a Grave

<https://www.findagrave.com/>

Billion Graves

<https://billiongraves.com/>

Map of historic “Colored Grounds” from 1911 from the Austin History Center. This predates the Chapel’s construction and shows a small structure close to the Main Avenue near the West Gate. Note the absence of family lots or monuments noted within this section of the map.



NEH: Digital Humanities Advancement Grant Program
Oakwood Cemetery Chapel, City of Austin
“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

Dissemination references:

“2021 Annual Meeting.” Texas State Historical Association, www.tshaonline.org/events/2021-tsha-annual-meeting.

“The 2021 Black History Month Virtual Festival.” Association for the Study of African American Life and History, <https://asalh.org/>.

“Esri User Conference.” *Save The Date*, www.esri.com/en-us/about/events/uc/save-date.

“Growing Your Roots 2020.” *Austin Public Library*,
<https://library.austintexas.gov/ahc/growingyourroots#:~:text=Growing%20Your%20Roots%3A%20The%20Inaugural,History%20Center%2C%20Austin%20Public%20Library>.

The Society of Black Archaeologists, www.societyofblackarchaeologists.com/.

“Travis County History Day 2020.” Travis County Archives,
www.traviscountyhistory.org/historyday2020/.

TxGIS Day 2020, <http://txgisday.org/>.

“Association of Gravestone Studies Conference.” <https://www.gravestonestudies.org/conferences/annual-conference> .

“About the SHA.” *The Southern Historical Association*, www.thesha.org/.

“Conference on American History.” *Organization of American Historians*, www.oah.org/meetings-events/conferences/.

Fensfeet, et al. “Calls for Contributors.” *The Activist History Review*, 12 July 2020, <https://activisthistory.com/category/calls-for-contributors/>.

“SHEAR About Us.” *Society for Historians of the Early American Republic*, www.shear.org/.

Urban History Association , www.urbanhistory.org/.



December 8, 2020

Jennifer Chenoweth
Museum Site Coordinator
Oakwood Cemetery Chapel
1601 Navasota St, Austin Texas 78702
Museums and Cultural Programs Division
Parks and Recreation Department
City of Austin

Dear Jennifer,

RE: GIS Services – Citizen Engagement

Geographic Information Services, Inc. (GISinc) is pleased to submit the enclosed information to support GIS project design to accomplish citizen engagement for the Oakwood Cemetery with the City of Austin.

We have enclosed our qualifications and Rough-Order-of-Magnitude (ROM) cost for your review. As an award-winning GIS firm, GISinc has the expertise and resources to ensure the timely and successful completion of this project.

Founded over 29 years ago, GISinc is a well-known industry leader, specializing in comprehensive GIS solutions for local, state, federal, and commercial clients. With an expert staff of over 150 GIS professionals, GISinc has accomplished literally hundreds of relevant projects.

Why Select GISinc?

- We have an unparalleled level of experience providing GIS services for city, state, federal, and commercial clients, including innovative solutions to ensure you get the most value from your system.
- We provide advanced, leading-edge GIS services as an Esri Platinum Partner; less than 1% of firms have reached this highest level of distinction.
- GISinc is known for highly accurate, cost-efficient services that meet your budget while enhancing the continued growth and integration of your GIS platform.

If you would like additional information, please don't hesitate to contact me. We look forward to the opportunity to work with you on this project.

Sincerely,

Greg Hymel
Account Executive
Geographic Information Services, Inc.
2100 Riverchase Center, Suite 105 | Birmingham, AL 35244
p: 205.725.5858 | e: greg.hymel@gisinc.com

2100 Riverchase Center, Suite 105
Birmingham, AL 35244

1600 Duke Street, Suite 300
Alexandria, VA 22314

24800 Denso Drive, Suite 340
Southfield, MI 48033

Company Overview

GISinc is an award-winning GIS firm, specializing in comprehensive geospatial solutions for our clients. Established in 1991, our core purpose involves creating insight through location technology. With 25 years of experience providing innovative services, helping clients receive the most value from their technology investment is what we do best. Our team of professionals has used Geographic Information Systems to solve staffing, technology, and business needs in markets ranging from Federal, State, and Local Governments to some of the largest commercial companies in the world.

Location

Headquartered in Alabama, GISinc also has offices in the DC area and Michigan, with onsite and remote locations in over 35 states across the country.

GISinc HQ: 2100 Riverchase Center



Nationwide Staff

With a staff of over 150 GIS experts, we have staff familiar with statewide, regional, and local regulations. The GISinc team consists of highly experienced, educated, and certified professionals known for thought leadership and mission critical thinking in the fields of GIS, geography, planning, computer programming and information technology.

Esri Platinum Partner

GISinc is one of only 10 Esri Platinum Partners based in the United States, and one of only a small handful of firms specializing in GIS services. GISinc has been helping clients maximize their investments in location technology and develop ArcGIS-centered enterprise functionality for over 25 years. We are uniquely aligned with the Esri vision and initiatives, and are experts with ArcGIS and Esri-based solutions.



Esri Specialty Status/Advanced Technical Skills

GISinc has achieved Esri specialty status in both ArcGIS for Local Government and ArcGIS Online. We're proud to be among an elite tier of partners that have achieved both specialty designations and will bring that additional expertise and perspective to this project. In addition, our staff members have every certification in the Esri Technical Certification Program. We have developed an unmatched proficiency and extensive domain knowledge supporting agencies, ensuring best practices, customizing and deploying applications, and integrating GIS with other business systems.

Scope of Work

Oakwood Cemetery is seeking grant funding to help provide citizen outreach on the historical significance of a local cemetery. This may include maps, photos and descriptions of cemetery sections, notable persons buried, etc. Oakwood would like GISinc support to leverage the existing GIS platform to share these stories to the public using a configurable GIS template. The result of the project will be the design for the GIS data structure and wireframe layout for the citizen engagement configuration.

ROM Pricing

This rough order of magnitude (ROM) is provided for budgetary reference and is and does not constitute a formal quote. Integration ROMs assume categorical complexity and are not yet based on detailed functional requirements.

Discovery, Geodatabase Feedback, Wireframe of Citizen Engagement Application, and Development	+/- \$15,000
ESTIMATED TOTAL*	+/- \$15,000

**This is a ROM estimate. Specific project requirements have not been provided and/or reviewed in great enough detail to create an actual project budget or quote. GISinc provides a ROM level of effort estimate for general planning purposes only; a ROM does not constitute a quote and the actual project price will vary.*

ROM Terms and Conditions

This confidential ROM is valid for sixty (60) days unless otherwise stated and does not include shipping or tax unless otherwise stated. This ROM information is proprietary and may not be copied or released other than for the express purpose of system and service selection and purchase. This information may not be given to outside parties or used for any other purpose without written consent from Geographic Information Services, Inc. (GISinc).

RESEARCH & RELATED BUDGET - Budget Period 1

OMB Number: 4040-0001
Expiration Date: 12/31/2022

ORGANIZATIONAL DUNS: **Enter name of Organization:**

Budget Type: Project Subaward/Consortium **Budget Period: 1** **Start Date:** **End Date:**

A. Senior/Key Person

Prefix	First	Middle	Last	Suffix	Base Salary (\$)	Months			Requested Salary (\$)	Fringe Benefits (\$)	Funds Requested (\$)
						Cal.	Acad.	Sum.			
Ms.	Jennifer	Elizabeth	Chenoweth		(b) (6)	12.00			0.00	0.00	0.00

Project Role:

Additional Senior Key Persons: **Total Funds requested for all Senior Key Persons in the attached file**
Total Senior/Key Person

B. Other Personnel

Number of Personnel	Project Role	Months			Requested Salary (\$)	Fringe Benefits (\$)	Funds Requested (\$)	
		Cal.	Acad.	Sum.				
<input type="text"/>	Post Doctoral Associates	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>	Graduate Students	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>	Undergraduate Students	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>	Secretarial/Clerical	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
3	IT GIS Analyst, Exhibit Specialist, Exhibit Assistant (GIS)	12.00			20,000.00	0.00	20,000.00	
3	Total Number Other Personnel					Total Other Personnel		20,000.00
							Total Salary, Wages and Fringe Benefits (A+B)	20,000.00

C. Equipment Description

List items and dollar amount for each item exceeding \$5,000

Equipment item	Funds Requested (\$)
<input type="text"/>	<input type="text"/>

Additional Equipment:

Total funds requested for all equipment listed in the attached file
Total Equipment

D. Travel**Funds Requested (\$)**

1. Domestic Travel Costs (Incl. Canada, Mexico and U.S. Possessions)	
2. Foreign Travel Costs	
Total Travel Cost	

E. Participant/Trainee Support Costs**Funds Requested (\$)**

1. Tuition/Fees/Health Insurance	
2. Stipends	
3. Travel	
4. Subsistence	
5. Other <input type="text"/>	
<input type="text"/> Number of Participants/Trainees	Total Participant/Trainee Support Costs

F. Other Direct Costs**Funds Requested (\$)**

1. Materials and Supplies	
2. Publication Costs	
3. Consultant Services	30,000.00
4. ADP/Computer Services	
5. Subawards/Consortium/Contractual Costs	
6. Equipment or Facility Rental/User Fees	
7. Alterations and Renovations	
8. <input type="text"/>	
9. <input type="text"/>	
10. <input type="text"/>	
Total Other Direct Costs	30,000.00

G. Direct Costs**Funds Requested (\$)****Total Direct Costs (A thru F)** 50,000.00**H. Indirect Costs**

Indirect Cost Type	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds Requested (\$)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total Indirect Costs			<input type="text"/>

Cognizant Federal Agency
 (Agency Name, POC Name, and
 POC Phone Number)

I. Total Direct and Indirect Costs**Funds Requested (\$)****Total Direct and Indirect Institutional Costs (G + H)** 50,000.00**J. Fee****Funds Requested (\$)****K. Total Costs and Fee****Funds Requested (\$)****Total Costs and Fee (I + J)** 50,000.00**L. Budget Justification**

(Only attach one file.)

RESEARCH & RELATED BUDGET - Cumulative Budget

		Totals (\$)
Section A, Senior/Key Person		0.00
Section B, Other Personnel		20,000.00
Total Number Other Personnel	3	
Total Salary, Wages and Fringe Benefits (A+B)		20,000.00
Section C, Equipment		
Section D, Travel		
1. Domestic		
2. Foreign		
Section E, Participant/Trainee Support Costs		
1. Tuition/Fees/Health Insurance		
2. Stipends		
3. Travel		
4. Subsistence		
5. Other		
6. Number of Participants/Trainees		
Section F, Other Direct Costs		30,000.00
1. Materials and Supplies		
2. Publication Costs		
3. Consultant Services	30,000.00	
4. ADP/Computer Services		
5. Subawards/Consortium/Contractual Costs		
6. Equipment or Facility Rental/User Fees		
7. Alterations and Renovations		
8. Other 1		
9. Other 2		
10. Other 3		
Section G, Direct Costs (A thru F)		50,000.00
Section H, Indirect Costs		
Section I, Total Direct and Indirect Costs (G + H)		50,000.00
Section J, Fee		
Section K, Total Costs and Fee (I + J)		50,000.00

NEH Public Humanities Project: Dialogues on the Experience of War
 Oakwood Cemetery Chapel, City of Austin
 "Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery"

Budget Justification:

Project Period: September 1, 2021 – September 30, 2023

A. Senior/Key Person	Total \$0
Director: Jennifer Chenoweth, Museum Site Coordinator, Oakwood Cemetery Chapel, Museums and Cultural Programs Division, Parks and Recreation Department, City of Austin. Salary and benefits met through City of Austin annual budget.	
B. Other Personnel	Total \$20,000
IT GIS Analyst: Ryan Piper - 625 hours @ \$19.16/hr	\$12,000
Exhibit Assistant: Amy Heath – 400 hours @ \$15/hr	\$6,000
Exhibition Specialist: Alan Garcia – 110 hours @ \$18/hr	\$2,000
C. Equipment Description	Total \$0
D. Travel	Total \$0
E. Participant/Trainee Support Costs	Total \$0
F. Other Direct Costs	Total \$30,000
Materials and Supplies	\$0
Publication Costs	\$0
<u>Consultant Services:</u>	
Dr. Maria Franklin, Archaeology consultant	\$4,000
Dr. Tara Dudley, Architectural Historian consultant	\$4,000
Diana M. Hernández, Historic Preservationist researcher	\$3,000
Laura Cortez, Cortez Consulting, communications facilitation and community engagement specialist	\$4,000
GISinc developing community engagement platform for public (see attached quote and commitment letter)	\$15,000
ADP/Computer Services	\$0
Subawards/Consortium/Contractual Costs	\$0
Equipment or Facility Rental/User Fees	\$0
Alterations or Renovations	\$0
G. Direct Costs	Total Direct Costs (A thru F) \$50,000
H. Indirect Costs	Total \$0
I. Total Direct and Indirect Costs	Total Direct and Indirect Costs (G + H) \$50,000
J. Fee	Total \$0

NEH Public Humanities Project: Dialogues on the Experience of War
Oakwood Cemetery Chapel, City of Austin
“Creating Community: A Geographical Approach to Inclusive History at Oakwood Cemetery”

K. Total Costs and Fee

Total Costs and Fee (I & J) \$50,000