



Overview of the cultural
resources survey at Bonita Bridge
in Morehouse Parish, Louisiana
on behalf of LADOTD

**IDIQ CONTRACTS FOR
CULTURAL RESOURCES STATEWIDE**
Contract Nos. 4400023972 and 4400023973





SECTIONS 1-11

Diagnostic artifacts - A: Colorless glass bottle base with Owens-Illinois maker's mark, ca. 1975; B: Colorless glass bottle base, ca. 1940; C: Wire nails, ca. 1860s-present; D: Pressed amber glass fragments, ca. 1860s-present; E: 7-Up Green glass fragment, ca. 1900-present; F: Milk glass jar, ca. 1920s-1950s; G: Milk glass canning jar lid liners, ca. 1869-present; H: Colorless glass finish with small mouth external thread, ca. 1870s-present; I: Colorless glass bottle base shard with stippling, ca. 1860s-present



DOTD FORM: 24-102


(Revised March 1, 2022)


PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract title as shown in the advertisement	IDIQ Contracts for Cultural Resources Statewide
2. Contract number(s) as shown in the advertisement	4400023972 and 4400023973
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	NA
6. Prime consultant mailing address	8081 Innovation Park Drive, Baton Rouge, LA 70820
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	Same as above
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Suna Adam, President P. 225 757 8088 suna@gsrcorp.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Suna Adam, President P. 225 757 8088 suna@gsrcorp.com

<p>10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.</p>	<p>Signature (shall be the same person as #9):  <hr/> Date: June 9, 2022</p>
<p>11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.</p>	<p><u>Firm(s):</u> _____ <u>Firm(s)' %:</u> _____</p>



SECTIONS 12-14

LDHP Standing Structure
11-00288 in Caldwell Parish, Louisiana



12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for **each past performance evaluation discipline**, as well as the overall total percent of the contract.

The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:


http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf. (same link as in the advertisement)


Evaluation Discipline(s)	% Of Overall Contract	GSRC	Arcadis	Discipline Total
Environmental	100	80	20	100

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify “Other (xxxx)” and include the classification title inside the parentheses. The DOTD Job Classification(s) to be used can be found at the following link:

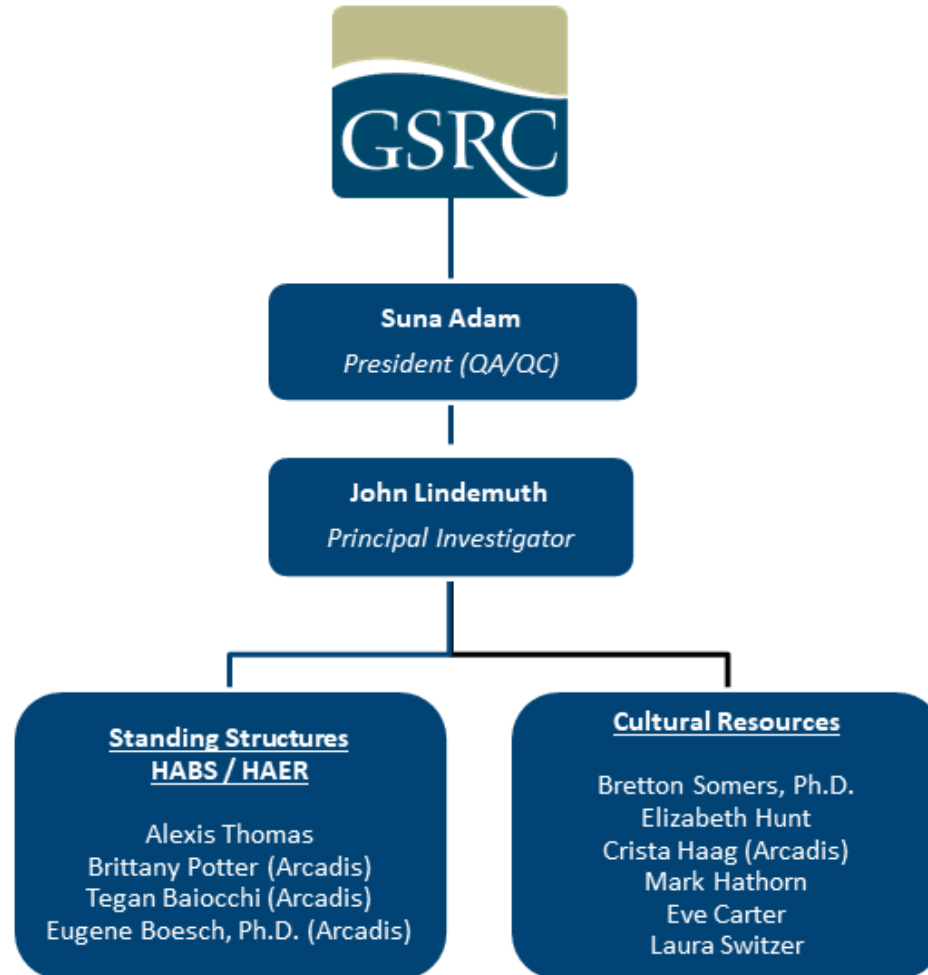
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Supervisor – Other	4	8
	Principal – Arch	2	3
	Archaeologist	4	8
	Archaeologist – Tech	4	4
	Historian	1	1
	GIS Analyst	2	2
	Clerical	2	2

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Principal	3	5
	Supervisor Engineer	5	9
	Supervisor – Other	1	1
	Professional	5	5
	Archaeologist	4	8
	Historian	1	5

14. Organizational Chart:

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual’s role does not necessarily have to match their DOTD job classification identified in Section 13.





SECTIONS 15-17

Cultural Resources Survey being
conducted in Caldwell Parish, Louisiana



15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR.

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1 & 2	John Lindemuth	Gulf South Research Corporation (GSRC)			
3	Elizabeth Hunt	GSRC			
4	Bretton Somers	GSRC			
5	Brittany Potter Tegan Baiocchi	Arcadis			
6	Eugene Boesch	Arcadis			
7	Alexis Thomas	GSRC			

16. Staff Experience:

Firm employed by		Gulf South Research Corporation	
Name	Suna Adam	Years of relevant experience with this employer	29
Title	President	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		B.S./1988/Forestry-Wildlife Management	
Active registration number / state / expiration date		NA	
Year registered		Discipline	NA
Contract role(s) / brief description of responsibilities		Ms. Adam will serve as the Quality Control / Quality Assurance Officer.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
<p>Ms. Adam is the President and a Senior Biologist at GSRC. As President, Ms. Adam maintains ultimate technical and financial responsibility for all contracts. She, therefore, also has the authority to assign personnel to projects, acquire the equipment or additional personnel necessary to complete a task, and to obtain subcontractors or consultants on an as needed basis. Ms. Adam has served as contract manager on numerous indefinite delivery contracts for various Federal agencies, including the U.S. Army Corps of Engineers. Under her leadership, GSRC has grown from one employee in 1994 to 34 full time professionals and has grown the contract base to provide annual revenues of several million dollars. As an ecologist, Ms. Adam has participated in numerous environmental projects ranging from endangered species surveys and wetland delineations to environmental assessments and environmental impact statements. Ms. Adam has attended various training courses including the NHI Course No. 142005, “National Environmental Policy Act (NEPA) and Transportation Decision Making”, a 40-hour Hazardous Waste Training course under 29 CFR 1910.1120 requirement, the U.S. Army Corps of Engineers Regulatory IV Wetland Identification and Delineation course, a U.S. Fish and Wildlife Symposium on the red-cockaded woodpecker, and a Habitat Evaluation Procedures (HEP) course also sponsored by the U.S. Fish and Wildlife Service.</p>			
05/12-05/17	<p>Program Manager. IDIQ Contract for Natural and Cultural Research and Development Services for Various Military and Civil Works Projects at Fort Polk, Louisiana, and other locations within the Southwest Division of the USACE. Ms. Adam managed this contract and provided oversight on task orders issued to support projects that included engineering technical support for the Fort Polk Installation Restoration Program (IRP); Phase I Environmental Site Assessments; the preparation of habitat restoration plans; wetland delineations; cultural resources surveys, standing structures (architectural) / built environment surveys and evaluations, and archaeological surveys; NEPA for an Immigration and Customs Enforcement (ICE) facility in Louisiana and U.S. Border Patrol (USBP) towers in Texas; sustainability studies; and greenhouse gas emissions inventories.</p>		

<p>08/10-11/11</p>	<p>Program Manager. Supplemental Environmental Impact Statement, Hurricane Protection Levee Improvement Project, New Orleans to Venice, Louisiana, U.S. Army Corps of Engineers, Vicksburg District. GSRC prepared a SEIS for the USACE, Vicksburg District, to evaluate potential impacts associated with the authorized improvements to the New Orleans to Venice (NOV) Federal Hurricane Protection Levee system in Plaquemines Parish, Louisiana. The proposed action is located along the Mississippi River corridor in Plaquemines Parish, Louisiana, and includes the Mississippi River and back levee reaches where approximately 90 miles of levees, floodwalls, and floodgates extending from Phoenix to Venice would be modified. The project included restoring, armoring, and accelerated completion of the existing Federal levees on the east bank from Phoenix to Bohemia (15.8 miles of back levee) and on the west bank from St. Jude to Venice (37 miles of back levee and 34 miles of Mississippi River Levee) to provide the authorized design grade for storm risk reduction. GSRC was also tasked with conducting a cultural resources survey in support of the SEIS. Ms. Adam was the Program Manager for this project and assisted in preparation of biological sections of the SEIS.</p>
<p>05/07-11/10</p>	<p>Quality Control Supervisor. Environmental and Historical Preservation Review for the Alternative Housing Pilot Project, Federal Emergency Management Agency (FEMA) (HSFEHQ-07-C-0173). Ms. Adam coordinated the contractual agreements, agency meetings, and technical reviews of all documents submitted for this contract. GSRC was contracted to conduct numerous surveys; cultural, protected species, and wetland delineations within the Gulf Coast region from Texas to Alabama. These areas were affected by hurricanes Katrina and Rita, therefore alternative housing needs were identified in these regions and surveys of these areas were required. GSRC archaeologists and biologists surveyed areas that were identified to become residential development for displaced families.</p>
<p>05/97-08/99</p>	<p>Project Manager. Environmental Inventory for the Proposed Louisiana Highway 117 Project. Ms. Adam was responsible for all coordination, data collection, and field reconnaissance required to complete this project for the LADOTD. This project consisted of utilizing all existing information and field verification. These results were incorporated into an environmental inventory report including the potential impacts on protected species, scenic streams, and wetland areas.</p>

Firm employed by		Gulf South Research Corporation	
Name	Eve Carter	Years of relevant experience with this employer	3
Title	Archaeological Field Technician	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		B.A./Anthropology/2017	
Active registration number / state / expiration date		Registered Archaeologist	
Year registered	2020	Discipline	Registered Archaeologist
Contract role(s) / brief description of responsibilities		Ms. Carter will serve as a Archaeological Technician.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
<p>Ms. Carter’s professional experience includes Phase I and II survey and testing in the northeastern and southeastern United States including Louisiana, Mississippi, Texas, New Jersey, Vermont, New Hampshire, and Maine.</p> <p>She has been involved in cultural resource management projects servicing State Parks and National Forests, surveying for major roadway maintenance projects and powerline corridors, and surveying land for the United States military. Projects include large-scale Phase I surveys in Bienville and Homochitto National Forests in Mississippi. Smaller scale Phase I surveys include assisting in expansion efforts for the Dallas-Fort Worth National Cemetery in Texas, surveying land for highway expansion in New Hampshire, and surveying land for solar farm conversions in Maine. She has been involved in Phase II investigations for the Joint Base McGuire-Dix-Lakehurst in New Jersey and for the United States government along the Texas-Mexico border.</p> <p>Ms. Carter has experience as a field technician and as a crew chief, as well as working in a laboratory and office setting. She has assisted on projects working with governmental agencies at the state and federal levels, giving her a familiarity with Section 106 compliance of the NHPA. She has been trained to use both Trimble and Garmin GPS systems as well as having training with ArcGIS. She has conducted artifact processing and analysis and assisted in the writing of technical reports.</p>			
04/20-10/20	Archaeological Field Technician, Phase I Intensive Archaeological Investigation of the St. Rose to Norco Pipeline, St. Charles Parish, Louisiana. Ms. Carter was involved in a Phase I cultural resources survey with Gulf South Research Corporation. She conducted shovel testing and a pedestrian survey for this project and assisted the field director with data collection and validation.		
06/20-9/20	Archaeological Field Technician. Phase II NHRP Archaeological Testing of 9 Sites in Starr County, Texas. Ms. Carter was involved in a Phase II archaeological site testing with Gulf South Research Corporation where she conducted in hand excavated units and artifact recovery associated with nine sites to determine their determination of eligibility for the National Register of Historic Places.		

01/20-06/20	Archaeological Field Technician. Phase I Cultural Resources Survey for a Fixed Remote Surveillance Tower Sites in Brooks, Kenedy, Hidalgo, and Starr Counties, Texas. Ms. Carter was involved in a Phase I cultural resources survey with Gulf South Research Corporation. She conducted shovel testing and a pedestrian survey in this non-collection project and assisted the field director with day to day operations and data collection and validation.
09/19-02/20	Crew Chief, Phase I Cultural Resources Survey of 4,017 acres for the Bienville National Forest Service, Smith, Newton, and Scott County, Mississippi. Ms. Carter served as a crew chief with GSRC for a Phase I cultural resources survey. Leading crews in the field, she assisted the field director in day to day operations and data collection and validation. She participated in shovel testing, artifact recovery, and conducted site boundary delineations. Ms. Carter assisted in the analysis of historical materials as well as contributing to the cultural resources survey report.
03/19-12/19	Archaeological Field Technician. Phase I Cultural Resources Survey of 38 Acres for the Proposed Dallas-Fort Worth Cemetery Expansion and Development Project, Dallas-Fort Worth, Texas. Ms. Carter was involved in a Phase I cultural resources survey with GSRC. She conducted shovel testing and a pedestrian survey in this project and assisted the field director with day-to-day operations and data collection and validation.
10/19	Archaeological Field Technician. Hurricane Michael Recovery Phase I Archaeological Survey at Tyndall Air Force Base, Bay County, Florida. Ms. Carter was involved in a Phase I cultural resources survey. She conducted shovel testing and artifact recovery in this project.
10/18-04/19	Archaeological Field Technician, 2018-2019. Phase I Cultural Resources Survey of 4,980 acres for the Bienville National Forest, Scott County, Mississippi. Ms. Carter was involved in a 4000+ acre Phase I cultural resources survey with Gulf South Research Corporation. She conducted shovel testing, artifact recovery, and site delineation. She repaired field gear when necessary and assisted the field director with day to day operations and data collection and validation.

Firm employed by		Gulf South Research Corporation	
Name	Alexis Thomas	Years of relevant experience with this employer	8
Title	Architectural Historian	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		M.S./2016/Urban Studies M.P.S./2009/Preservation Studies B.A./2007/Art History	
Active registration number / state / expiration date		NA	
Year registered		Discipline	NA
Contract role(s) / brief description of responsibilities		Ms. Thomas is an architectural historian and will be responsible for the above ground structure surveys, photographic documentation of the historic buildings found.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
Ms. Thomas has supervised cultural resource surveys in the Louisiana, Florida, New York, California, Mississippi, Alabama, Texas, Nevada, and Cuba. She has conducted cultural resource surveys for the Department of Defense, Bureau of Reclamation, United States Forest Service, Customs and Border Patrol, and the United States Army Corps of Engineers. Ms. Thomas will be the Architectural Historian responsible for the Historic American Building Survey (HABS)/Historic American Engineering Record (HAER)/Historic American Landscapes Survey (HALS) .			
11/21-04/22	Architectural Historian. Historic Structures Survey for Harborside Development at Hidden Harbour, Pompano Beach, Broward County, Florida. GSRC was contracted to provide a standing structures (architectural)/built environment survey and analysis of resources that may be impacted by the proposed construction of the Harborside Development at Hidden Harbour Marina, a Department of Housing and Urban Development project. Harborside Development includes a three-story, four-story, six-story, eight-story, and nine-story building, with additional on-site improvements. GSRC was responsible for the development of the Area of Potential Effect, the reconnaissance survey of the project area, the documentation and evaluation of eight resources, and the assessment of effects on any eligible resources.		
01/16-06/21	Architectural Historian. Historic American Building Survey (HABS) Documentation, Historic Landscape Report and Exhibits. Ft. Hood, Texas. Ms. Thomas served as the Architectural Historian and conducted a HABS Level II Documentation of the Reynolds House at Ft. Hood, Texas, which included documenting both the interior and exterior of the residence using large-format film photography. Ms. Thomas oversaw the labeling of the large-format negative and prints, as well as creating captions for the individual photographs. Ms. Thomas developed a Historic Report of		

	<p>the Reynolds House of Fort Hood, which documented the history of the house, details of the interior and exterior of the building, renovations, and layout. Following the HABS documentation and the HALS report, Ms. Thomas assisted in developing interpretive exhibits outlining the history and significance of both the Reynolds House and Hood Army Heliport.</p>
10/20	<p>Architectural Historian. Cultural Resource Survey and Viewshed Analysis Report for the 1006 and 1008 Skyland Drive Pier Project, Douglas County, Nevada. Far Western Anthropological Research Group, Inc., Carson City, Nevada. Ms. Thomas was contracted to provide a cultural resource assessment of built environment resources in advance of the rebuild and extension of a one pier near Glenbrook in Douglas County, Nevada. This project was completed to meet the U.S. Army Corps of Engineer’s Section 106 compliance for federal permits.</p>
02/15-10/15	<p>Architectural Historian. Section 110 Architectural Survey of 29 Historic Structures at Naval Air Station Kingsville, Phase II, Kingsville, Texas. Ms. Thomas served as the Architectural Historian and conducted a standing structures (architectural)/ built environment survey in compliance with Section 110 of the National Historic Preservation Act (NHPA) of 1966, as amended, for Naval Air Station Kingsville (NAS Kingsville). Ms. Thomas conducted an assessment and evaluation of structures that had reached 45 years of age, or older, and had not been previously evaluated; were considered a Cold War-era resource and were potentially eligible for inclusion in the National Register under Criteria Consideration G; and were considered a historic or cultural landscape.</p>
04/14-11/14	<p>Architectural Historian. Section 110 Architectural Survey of 75 Historic Structures at Naval Air Station Pensacola, Pensacola, Florida. Ms. Thomas served as the Architectural Historian and conducted a standing structures (architectural)/ built environment survey of the built environment in compliance with Section 110 of the National Historic Preservation Act (NHPA) of 1966, as amended, for Naval Air Station Pensacola (NAS Pensacola), including the areas of Corry Station and Saufley Field. Ms. Thomas conducted an assessment and evaluation of structures that had reached 45 years of age, or older, and had not been previously evaluated; were considered a Cold War-era resource and were potentially eligible for inclusion in the National Register under Criteria Consideration G; and were considered a historic or cultural landscape.</p>

Firm employed by		Gulf South Research Corporation	
Name	Christy Guempel	Years of relevant experience with this employer	5
Title	GIS Analyst	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		B.S./2003/Geography	
Active registration number / state / expiration date		NA	
Year registered		Discipline	NA
Contract role(s) / brief description of responsibilities		Ms. Guempel is the Senior GIS Analyst and will be responsible for all GIS analysis for these projects.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
<p>Ms. Guempel has over 14 years of professional experience as a geographic information systems (GIS) analyst and 7 years of professional experience as a GIS supervisor/trainer. Ms. Guempel’s environmental background includes working on projects involving coastal restoration, cultural resources, emergency response, environmental assessment, environmental remediation, litigation support, planning, permitting, wetland delineations, and wildlife habitat. Her responsibilities include geodatabase design and data entry, coordinate conversion, cartographic design, georeferencing, digitizing, spatial analysis, image interpretation, and supervised classification.</p> <p>Ms. Guempel is proficient in ESRI’s suite of software version 10.6 and below. She has experience with light detection and ranging (LiDAR) analysis using Global Mapper software. She is also experienced with GPS equipment/software, such as ArcGIS Collector, Pathfinder Office, and Terrasync.</p>			
07/21-12/22	<p>Senior GIS Analyst. Environmental Support for the Laredo Soft Sided Facility (SSF) in Laredo, Webb County, Texas. GSRC was contracted to conduct a phase I cultural resources survey of approximately 31 acres in Laredo, Texas. Ms. Guempel georeferenced and digitized previous archeological investigations and surveys within one mile of the survey area. She also georeferenced a series of historical aerials showing the survey boundary. She processed all Trimble GPS data collected in the field. Ms. Guempel created the maps presented in the report.</p>		
10/20-02/22	<p>Senior GIS Analyst. Louisiana Phase I Archaeological Investigation of 54 Acres for the Louisiana Correctional Institute for Women (LCIW) in Iberville Parish, St. Gabriel, Louisiana. GSRC was contracted to conduct a cultural resources survey of 54 acres of land for proposed construction of the Louisiana Correctional Institute for Women (LCIW) on behalf of Grace Hebert Curtis Architects and U.S. Department of Homeland Security Federal Emergency Management Agency (FEMA), Region VI. Ms. Guempel processed the shovel test pit GPS data. Following field notes and hand drawn plots, she digitized the shovel test pits for the delineation of the archaeological site found</p>		

	on the property. She georeferenced and digitized the previous archaeological survey and sites conducted within a one-mile buffer of the project area. She created the figures presented in the report.
04/19-01/21	Senior GIS Analyst. Phase I Cultural Resources Survey of 4,017 Acres for the Bienville National Forest Service, Smith, Newton, and Scott County, Mississippi. GSRC was contracted by the United States Department of Agriculture Forest Service to conduct an intensive Phase I cultural resources survey of approximately 4,017 acres in Smith, Newton, and Scott Counties, Mississippi within the Bienville National Forest Service. Ms. Guempel was responsible for GIS analysis, cartographic design, development of all maps for the report, and supervised the completion of the GIS geodatabase.
09/18-11/19	Senior GIS Analyst. Phase I Cultural Resources Survey for the Bienville National Forest Service, Scott County, Mississippi. GSRC was contracted by the United States Department of Agriculture Forest Service to conduct an intensive Phase I cultural resources survey of 4,980 acres among 81 units across 21 Compartments within the Bienville National Forest in support of the proposed Timber Sale Project in Scott County, Mississippi. Ms. Guempel provided GIS analysis of the field data, cartographic design, set-up the geodatabase schema, and created all maps presented in the report. She also supervised the completion of the GIS geodatabase deliverable.
09/14-09/19	GIS Analyst. Phase II (Cultural Technical Report) Environmental Planning Support for Rio Grande Valley Remote Video Surveillance System Program Update, U.S. Customs and Border Protection, Rio Grande Sector. U.S. CBP. Ms. Guempel created the maps presented in the cultural resources technical report for the archaeological site testing of six archaeological sites discovered during the Phase I cultural resources survey . Along with creating the figures in the report, she also created the trench and test unit profile cross sections by georeferencing and digitizing the hand drawn grid field maps using ArcMap.
03/18-06/18	Senior GIS Analyst. Phase I Cultural Resources Survey of 55 Acres for Proposed Obstruction Removal, Allen Parish Airport, Allen Parish, Louisiana. GSRC personnel conducted a Phase I cultural resources survey of 55 acres for proposed obstruction removal for the Allen Parish Airport in Allen Parish, Louisiana. Ms. Guempel assisted with this project by providing GIS analysis and cartographic design. She mapped the project location, overlaid NRCS soils data, and georeferenced the 30 x 60 Geological Quadrangle for the project area, along with creating maps for the cultural resources survey report.

Firm employed by		Gulf South Research Corporation	
Name	Mark Hathorn	Years of relevant experience with this employer	2
Title	Archaeological Technician	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		B.A./2017/Anthropology	
Active registration number / state / expiration date		Registered Archaeologist	
Year registered	2020	Discipline	Registered Archaeologist
Contract role(s) / brief description of responsibilities		Mr. Hathorn will serve as a field technician and as a crew chief.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
<p>Mr. Hathorn’s professional experience as a field technician and as a crew chief includes cultural resources management projects servicing State Parks and National Forests, site damage assessment and mitigation projects, surveying for roadway maintenance projects, and surveying land for the United States Military. Projects include large-scale Phase I cultural resources surveys in Tombigbee, Holly Springs, Bienville, Desoto, and Homochitto National Forests in Mississippi, in south Texas along the Rio Grande, and Ocala and Osceola National Forests in Florida. Phase I cultural resources surveys of parcels in Ascension and Iberville Parishes for proposed new construction projects, and surveys for Harvey Point Base in North Carolina, and Townsend Bombing Range in Georgia, as well as land surveys for the United States Government in upstate New York. He has been involved in Phase II archaeological site testing investigations for the Alabama Army National Guard, and in the city of New Orleans at Iberville, as well as Phase II archaeological site testing in Starr County, Texas.</p>			
04/22-Ongoing	<p>Archaeologist/Archaeological Field Technician. Phase I Archaeological Survey of 130 Acres for the Cadillac Heights Levee, Dallas County, Texas. Mr. Hathorn served as an archaeological field technician for a Phase I cultural resources survey to identify cultural resources that may be impacted by the proposed Cadillac Heights Levee within the Dallas Floodway Extension within the upper Trinity River Watershed, along the Trinity River. Systematic shovel testing and pedestrian surveys were carried out in this project. Mr. Hathorn also conducted and compiled research for the cultural resources survey report, as well as co-authored the built environment historic context.</p>		
05/22-Ongoing	<p>Archaeological Field Technician. Phase I Cultural Resources Survey in Caldwell Parish, Louisiana. Mr. Hathorn is serving as an archaeological field technician and contributing to the final report of a Phase I cultural resources survey to identify cultural resources that may be impacted by the proposed construction and operation of a new Louisiana Green Fuels Bio-Refinery near the Port of Columbia, Louisiana. Systematic shovel testing and pedestrian surveys have been carried out during this ongoing survey.</p>		
01/22-05/22	<p>Archaeological Field Technician. Phase I Cultural Resources Survey of 1 Acre for the Ursula Parking Lot Land Purchase in McAllen, Hidalgo County, Texas. Mr. Hathorn served as an archaeological field technician for the cultural resources</p>		

	<p>survey of approximately 1 acre in McAllen, Texas. The survey was conducted on behalf of U.S Customs and Border Protection for the proposed development of a parking lot to accommodate the existing and adjacent McAllen Centralized Processing Center (CPC). A pedestrian walkover utilizing 5-meter intervals and the excavation of 2 shovel test pits were carried out during this survey. No cultural materials were recovered.</p>
04/14-10/17	<p>Curatorial Assistant. Artifact Curation for Testing and Data Recovery for clearing and grubbing of 302 acres at England Airpark, Alexandria, Louisiana. Mr. Hathorn assisted the archaeological laboratory director in preparing artifacts and associated documents for curation at the State of Louisiana curation facility in Baton Rouge, Louisiana. This includes properly bagging and labeling artifacts to the repository standards, preparing curation boxes, organizing associated documents, as well as photo documenting culled artifacts and cultural materials that are included in the deliverables for curation.</p>
10/20-02/22	<p>Archaeological Field Technician. Phase I Archaeological Investigations of 54 Acres for the Louisiana Correctional Institute for Women (LCIW) in Iberville Parish, St. Gabriel, Louisiana. Mr. Hathorn was involved in a Phase I cultural resources survey with GSRC. He conducted shovel testing and a pedestrian survey in this project and assisted the field director with data collection and day to day operations. Mr. Hathorn also assisted in artifact analysis, as well as cataloging and photographing recovered artifacts.</p>
10/20	<p>Archaeological Field Technician. Phase I Archaeological Investigation of .55 Acres for the Proposed Retaining Wall, Ascension Parish, Louisiana. Mr. Hathorn was involved in a Phase I cultural resources survey with GSRC. He conducted shovel testing and pedestrian survey. The objective of this investigation was to determine the presence/absence of archaeological resources across the survey area. A total of 9 shovel test pits were excavated. No new sites were recorded within the project area, one previously recorded site (16AN15) was updated.</p>
01/20-10/20	<p>Archaeological Field Technician. Phase I Cultural Resources Survey for the Desoto National Forest, Wayne County, Mississippi. Mr. Hathorn was involved in a Phase I cultural resources survey with Wiregrass Archaeological Consulting. He conducted shovel testing, artifact recovery, and led site boundary delineations. He repaired field gear when necessary and assisted the field director with day-to-day operations and data recovery.</p>
07/19-01/21	<p>Crew Chief/Archaeological Field Technician. Phase I Cultural Resources Survey for the Bienville National Forest Service, Smith, Newton, and Scott County, Mississippi. Mr. Hathorn served as a crew chief with GSRC for a Phase I cultural resources survey. Leading crews in the field, he assisted the field director in day-to-day operations and data collection efforts. He participated in shovel testing, artifact recovery, and conducted site boundary delineations. Mr. Hathorn assisted in the analysis of historical materials as well as contributing to the cultural resources survey report.</p>

Firm employed by		Gulf South Research Corporation	
Name	Elizabeth Hunt	Years of relevant experience with this employer	4
Title	Archaeologist / Director	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		M.A./2017/Anthropology B.A./2012/Anthropology and History	
Active registration number / state / expiration date		Registered Professional Archaeologist	
Year registered	2017	Discipline	Registered Professional Archaeologist
Contract role(s) / brief description of responsibilities		Archaeologist	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
<p>Ms. Hunt joined GSRC as an archaeologist in 2018 and has had several years of experience in Cultural Resource Management (CRM) since completing her B.A in Anthropology in 2012. She has participated in and supervised Phase I cultural resources surveys, National Register Eligibility archaeological site testing, data recovery excavations, and monitoring in seven states, including Louisiana. She has experience in both prehistoric and historic site evaluation and excavation. She has also analyzed both historic and prehistoric cultural remains for several different projects. Ms. Hunt’s experience working with governmental agencies at the local, state, and Federal levels has given her a broad knowledge of Section 106 compliance of the NHPA. Ms. Hunt has completed the Section 106 Essentials course by the Advisory Council on Historic Preservation (ACHP).</p>			
02/21-07/21	<p>Archaeologist/Project Director. Cultural Resources Survey of 1.9 acre for the proposed Bonita Bridge replacement site, Morehouse Parish, Louisiana. Ms. Hunt served as the Project Director and Field Director for the cultural resources survey of approximately 1.9 acres in Morehouse Parish, Louisiana. The survey was conducted for the Louisiana Department of Transportation and Development (DOTD), on behalf of the Federal Highway Administration (FHWA). The survey was conducted for the proposed replacement site of the Union Pacific Railroad Overpass Bridge. Prior to initiation of fieldwork, Ms. Hunt conducted background and archival research including previously conducted archaeological investigations and previously recorded archaeological sites and historic structures in the region. No archaeological resources were recorded as a result of the investigation. Given the lack of any cultural resources recorded during the survey, a negative findings report was produced for submittal to the Louisiana State Historic Preservation Officer as part of consultation under Section 106 of the NHPA. Ms. Hunt served as a co-author for this negative findings report.</p>		
09/18-01/21	<p>Archaeologist/Project Director. Phase I Cultural Resources Survey for the Bienville National Forest Service, Smith, Newton, and Scott Counties, Mississippi. Ms. Hunt served as the Project Director for the cultural resources survey of approximately 4,017 acres in Smith, Newton, and Scott counties, Mississippi within the Bienville National Forest.</p>		



	<p>This work was completed in support of proposed logging activities throughout the forest on behalf of the U.S. Department of Agriculture (USDA). Prior to fieldwork, Ms. Hunt conducted background and archival research for previously conducted archaeological investigations and archaeological sites. Ms. Hunt was the co-author for the cultural resources survey report that was submitted to the Mississippi Department of Archives and History, State Historic Preservation Officer (SHPO) as part of consultation under Section 106 of the National Register of Historic Places (NRHP).</p>
11/17-05/18	<p>Archaeologist/Project Director. Phase I Cultural Resources Survey for Irrigation Land Leveling and Related Conservation Practices East of Cypress Creek in Richland Parish, Louisiana. Ms. Hunt served as the Project Director and Crew Chief for a cultural resources survey during Phase I shovel testing for the proposed land disturbance in agricultural fields to the east of Cypress Creek in Richland Parish, Louisiana. Seven archaeological sites were located and recorded as a result of the survey. These sites were recommended ineligible for the NRHP. Ms. Hunt prepared a cultural resources survey report, which outlined the results of the study with the Louisiana Public Archaeology Lab, University of Louisiana at Lafayette on behalf of the Natural Resources Conservation Service (NRCS), U.S. Department of Agriculture (USDA) to be submitted to Louisiana Office of Cultural Development, Division of Archaeology.</p>
11/17-5/18	<p>Archaeologist/Project Director. Cultural Resources Survey for the Willow Lake Site (16MA115) in Madison Parish, Louisiana. Ms. Hunt served as Project Director and Crew Chief for the site delineation and cultural resources survey for the Willow Lake Site in Madison Parish, Louisiana. Based on an agreement between the Louisiana Office of Cultural Development, Division of Archaeology, the USDA, NRCS, and the Choctaw Nation of Oklahoma, an archaeological survey of the Willow Lake Site was completed to delineate the site boundaries. Based on the horizontal and vertical extent of the cultural deposits encountered during shovel testing a site boundary and buffer zone was determined to eliminate any potential destruction of the site. Ms. Hunt prepared the proper write-up providing the information that was recovered during the survey while working with the Louisiana Public Archaeology Lab, University of Louisiana at Lafayette to fulfil the agreement.</p>

Firm employed by		Gulf South Research Corporation	
Name	John Lindemuth	Years of relevant experience with this employer	26
Title	Principal Investigator / Archaeologist	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		M.A./1994/Anthropology B.A./1990/Anthropology/Sociology	
Active registration number / state / expiration date		NA	
Year registered		Discipline	NA
Contract role(s) / brief description of responsibilities		Archaeologist	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
<p>Mr. Lindemuth has 23 years of experience in cultural resource management. He has participated in and supervised intensive cultural resources surveys, NRHP Eligibility archaeological site testing, and data recovery excavations in nine states. He has experience in both prehistoric and historic site evaluation and excavation. He has analyzed both historic and prehistoric cultural remains for several different projects. Mr. Lindemuth’s experience working with governmental agencies at the local, state, and Federal levels has given him a broad knowledge of compliance with Section 106 of the NHPA. Mr. Lindemuth has supervised and participated in chain of title search for historic properties, cultural resources surveys (Phase I), archaeological site testing (Phase II), and data recovery (Phase III). Mr. Lindemuth has also prepared technical reports which outlined the results of all phases of archaeological investigations as well as agreement documents, such as Memorandums of Agreement (MOAs) and Programmatic Agreements (PAs), and preparation of Section 106 Adverse Effects documentation. Mr. Lindemuth is also familiar with the preparation of artifacts and associated records for permanent curation in accordance with curation guidelines, including those published by the Louisiana Division of Archaeology. Mr. Lindemuth is very familiar with conducting Section (4f) evaluations for DOTD and FHWA when highway improvements have the potential to affect public parks and recreational areas, waterfowl and wildlife refuges, and historic sites.</p>			
08/18-05/20	<p>Principal Investigator. Cultural Resources Survey of 12.01 Linear Miles and 20 Grading and Construction Easements for the Proposed Rio Grande City Road Improvement Project, Rio Grande City, Texas, Rio Grande Valley Sector, U.S. Customs and Border Protection, Department of Homeland Security, Starr County, Texas. Mr. Lindemuth served as Principal Investigator for the intensive cultural resources survey of 12.01 linear miles of road construction and improvement corridor totaling 57.4 acres. The survey included a pedestrian walkover, excavation of shovel test pits, and mechanical deep testing. The survey identified 14 new archaeological sites, revisited and updated two previously identified archaeological sites, and recorded 12 isolated occurrences. Four of the 16 archaeological sites recorded or updated during the surveys were recommended for additional testing</p>		



	to determine their eligibility for the NRHP. Mr. Lindemuth directed crews in the field, co-authored the cultural resources technical report, and integrated the findings in the associated NEPA documentation for the project.
12/13-12/14	Principal Investigator. Phase I Cultural Resources Survey for the Proposed England Airpark Clearing and Grubbing for Wildlife Hazards Control. Mr. Lindemuth served as the principal investigator for the cultural resources survey of 53 acres for proposed clearing and grubbing. Two archaeological sites, two standing structures, and two isolated finds were recorded during the surveys. None of the sites, standing structures, or isolated finds were recommended eligible for the NRHP. Mr. Lindemuth wrote the technical report outlining the results of the study and also integrated the results into the Environmental Assessment, which was prepared for the project in compliance with the National Environmental Policy Act.
04/14-10/17	Principal Investigator. Archaeological Phase II Testing and Phase III Mitigation and Data Recovery at Two Cultural Resources Sites, The McNutt Plantation (16RA692) and the Weil Property (16RA703), for England Economic and Industrial Development District, Alexandria, Louisiana. Mr. Lindemuth served as the principal investigator for the combined Phase II NRHP archaeological site testing and Phase III data recovery excavations for two historic sites located in Rapides Parish, Louisiana. Mr. Lindemuth aided in the development of the Research Design and Work Plan, culling agreement, the management summaries for both the Phase II and Phase III work, the Memorandum of Agreement to address the adverse impacts on the sites, and the combined Phase II and III technical report. The project recovered over 3,000 artifacts dating from the middle nineteenth to twentieth century found in association with multiple features including foundation piers and a belowground cistern. The production of the management summaries allowed for the expedited review of the project so that it could proceed while the final cultural resources report was completed.
07/07-01/16	Principal Investigator. Phase I Survey of the proposed I-69 Corridor, Caddo and Bossier Parishes, Louisiana. Mr. Lindemuth served as principal investigator and supervised the field excavations during the Phase I cultural resources survey . The project consisted of multiple phases of data collection that were analyzed using GIS and used for the planning of the project corridor. The sources of data included known archaeological sites, known historic standing structures, geomorphology of the area, high- and low-probability zones developed by the principal investigator, the geomorphologist, and field director, and the results of a standing structure survey of a preferred corridor. Phase I intensive cultural resources surveys were conducted on the alignment selected using these criteria. Mr. Lindemuth was the primary author of the cultural resources survey report, which outlined the results of the surveys.

Firm employed by		Gulf South Research Corporation	
Name	Bretton Somers, Ph.D.	Years of relevant experience with this employer	15
Title	Principal Investigator / Archaeologist	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		Ph.D./2007/Geography M.A./2004/Geography B.A./1994/Communications	
Active registration number / state / expiration date		RPA/2022	
Year registered	2005	Discipline	Registered Professional Archaeologist
Contract role(s) / brief description of responsibilities		Archaeologist	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
<p>Dr. Somers joined the team at GSRC as an archaeologist in 2007. His 2007 completion of his doctorate provided him with 6 years of experience in archaeological research, fieldwork, and GIS analysis. With GSRC, Dr. Somers has supervised and participated in over 50 cultural resources investigations including Section 106, Section 110, and environmental compliance projects in 19 states. Dr. Somers has also worked outside the U.S. in Belize and Cuba. This involvement has provided a broad base of experience in prehistoric and historic archaeology across several regions of North America, has allowed him the opportunity to work with numerous tribal and government agencies at the local, state, and Federal levels, and has given him a broad knowledge of cultural resources laws and regulations.</p>			
03/20-05/20	<p>Project Manager/Principal Investigator. Phase I Archaeological Investigation of the St. Rose to Norco Pipeline, St. Charles Parish, Louisiana. Dr. Somers served as project manager and principal investigator for the intensive Phase I cultural resources survey of 7.4 miles (75.14 acres) of proposed new pipeline from the International Matex Tank Terminal (IMTT) in St. Rose to portions of Shell’s Norco Manufacturing Complex facility in Norco in St. Charles Parish, Louisiana. GSRC conducted the investigation on behalf of Ramboll US Corporation (Ramboll) under Section 106 of the National Historic Preservation Act. The investigation included an intensive Phase I archaeological survey combining pedestrian surface inspection with shovel test pits (STPs) along transects using a high probability predictive model. No archaeological sites were recorded during this investigation. No aboveground/built resources over 50 years of age were recorded within or adjacent to the survey area. As a result, no further archaeological investigations were recommended for the project area.</p>		
02/13-12/13	<p>Principal Investigator. Cambridge Energy Floating Liquefied Natural Gas (FLNG) Facility, Plaquemines Parish, Louisiana. Cambridge Energy, LLC is proposing the construction and operation of a FLNG facility on the Mississippi River in Plaquemines Parish, Louisiana. Cambridge Energy contracted GSRC for the preparation of Resource</p>		



	<p>Reports with sufficient information and analysis for the preparation of an EIS. The selected area of potential effect (APE) includes dredging from the navigation channel of the Mississippi River into the batture and natural levee on the east bank of the river across from Venice, Louisiana. A portion of the facility extends eastward into the coastal marsh. The cultural resources portion of the investigation involved a terrestrial survey of the high ground portions of the APE, a fan boat inspection of the marsh portion of the APE, and a marine remote sensing survey of the proposed area of dredge activity in the Mississippi River channel. Dr. Somers was responsible for coordination with the Louisiana SHPO, background research, assessing required research needs given the fluvial, terrestrial, and marsh landscape, conducting the terrestrial and marsh fieldwork, coordinating with a team of marine archaeologists to perform the marine remote sensing survey, and synthesizing all data collected into the required reports for the project. No cultural resources were discovered in the initial field surveys of the APE.</p>
<p>08/10-11/12</p>	<p>Principal Investigator. Phase I Cultural Resources Survey for the Proposed Improvements to the New Orleans to Venice Levee Protection Project, Plaquemines Parish, Louisiana, U.S. Army Corps of Engineers (USACE), Vicksburg District. Dr. Somers served as the principal investigator for the Phase I cultural resources survey of approximately 4,208 acres distributed along linear corridors flanking 86.8 miles of the Federal Mississippi River Levee and back levees in lower Plaquemines Parish, Louisiana. The project included restoring, armoring, and accelerated completion of the existing Federal levees on the east bank from Phoenix to Bohemia (15.8 miles of back levee) and on the west bank from St. Jude to Venice (37 miles of back levee and 34 miles of Mississippi River levee) to provide the authorized design grade for storm risk reduction. The project APE included Mississippi River Batture, the protected land between the levees and coastal marsh on the outside of the back levees. The investigation resulted in the recovery of several thousand artifacts and the recording of 43 newly discovered Historic period sites. Of the 43 newly recorded sites, examination of field data and laboratory analysis of artifacts resulted in recommendation of one site as eligible, 29 sites as ineligible, and 13 sites of undetermined eligibility for the NRHP.</p>

Firm employed by				
Name	Brittany Potter, MHP		Years of relevant experience with this employer	8
Title	Environmental Planner and Architectural Historian		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		M.H.P./2016/Historic Preservation B.A./2012/Art History		
Active registration number / state / expiration date		NA		
Year registered	NA	Discipline	NA	
Contract role(s) / brief description of responsibilities		Architectural Historian		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
	<p>Mrs. Potter is an environmental planner and Secretary of the Interior (SOI) qualified architectural historian per 36 CFR Part 61. She has a broad environmental skill set that is used to ensure quality and timely compliance with NEPA regulations for multiple federal agencies including FHWA, FTA, NPS, FRA, and the USACE. GDOT and TxDOT project experience includes planning and feasibility studies as well as pre-construction NEPA and Section 106 of the NHPA studies. She specializes in the identification of and assessments to cultural resources for assignments of varying complexity including Design-Build projects, large highway widenings and new location corridors, interchange reconstructions, and bridge replacements throughout Georgia. Additional experience includes Land Water Conservation Fund (LWCF e.g., Section 6(f)) compliance; Public Involvement coordination; Section 4(f) of the Department of Transportation Act compliance.</p>			
08/18-04/21	<p>GDOT Planning IDIQ, GDOT, Statewide, Georgia. <i>NEPA Lead / Environmental Task Manager / Architectural Historian.</i> Served in this capacity for multiple projects located in White, Hall, Fulton, Clayton, and DeKalb counties. Project scopes included corridor and feasibility studies to enhance mobility and safety. Responsible for performing and managing environmental project tasks including field and desktop data collection to complete environmental risk assessments. These risk assessments were then used to develop preliminary environmental impact assessments and forecast NEPA action classifications for proposed improvement alternatives. Environmental resources assessed include cultural resources, threatened and endangered species, potential Waters of the US, community and institutional resources, and EJ populations.</p>			



08/18-04/21	<p>GDOT Major Mobility Investment Program (MMIP), GDOT, Multiple Counties, Georgia. <i>Program Management Consultant (PMC) Lead Historic Resources Reviewer</i> for 11 MMIP projects and 6 associated Advanced Improvement Projects (AIP). Provided guidance to General Engineering Consultants (GECs) on implementation of the MMIP Memorandum of Understanding (MOU), technical support, and review of GEC prepared Area of Potential Effects Memoranda, Historic Resource Survey Reports, and Assessment of Effects documents.</p>
08/18-12/20	<p>GDOT NEPA On-Call IDIQ, GDOT, Districts 6 and 7, Georgia. <i>Senior / Lead Architectural Historian</i> for the 5-year/\$5-million-dollar IDIQ contract for 22 counties in NW GA, including Metro Atlanta. Performed all duties associated with historic resource surveys including research, fieldwork, and reporting for state and federally funded projects in compliance with Section 106 of the NHPA. Ensured the quality delivery of cultural resource documents for USACE permits, NEPA, and GEPA documentation. The on-call service includes multiple task orders ranging from minor bridge projects to complex roadway widenings.</p>
10/18-12/18	<p>Hereford Road Widening, GDOT, Columbia County, Georgia. <i>Senior Architectural Historian.</i> Conducted intensive level field survey and co-authored a Historic Resources Survey Report for a 5-mile corridor which identified 39 historic resources. Preparation for and attendance at a PIOH with over 300 people in attendance and high public controversy. Presented GDOT's methodology to achieving environmental compliance for complex projects with 4(f) resources through handouts, displays, and communication. Other responsibilities included coordinating with</p>

Firm employed by			
Name	Crista Haag	Years of relevant experience with this employer	5
Title	Archaeologist	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		M.A./2004/Anthropology, emphasis in Archeology B.A./1998/Anthropology	
Active registration number / state / expiration date		NA	
Year registered	NA	Discipline	NA
Contract role(s) / brief description of responsibilities		Archaeologist	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
	<p>Christa has been involved in cultural resources management and Section 106 consultation for over 20 years. She has worked with various public and private sector clients on Phase I, II, and III cultural resources investigations. Her primary responsibilities have included proposal development, project management, agency coordination, background research, fieldwork, artifact analysis, and reporting. She has served as the Principal Archaeologist on projects in Arkansas, Indiana, Illinois, Iowa, Kentucky, Michigan, Mississippi, Missouri, Ohio, Pennsylvania, Tennessee, Texas, Virginia West Virginia, and Wisconsin. Christa has implemented cultural resource management techniques for large and small projects, demonstrated budget management skills to meet client’s needs, and has successfully completed numerous projects in a timeframe that meets client requirements.</p>		
01/20-08/20	<p>Westway 20-inch Potable Water Line Project, El Paso Water, El Paso, Texas. <i>Principal Archeologist</i> for a project involving installation of a water line. Cultural resources investigations conducted according to Texas Antiquities Code of Texas including background research, SHPO consultation, and archeological survey. Completed background research, SHPO consultation, and archeological survey/reporting under the Texas Antiquities Code.</p>		
12/20-12/20	<p>New Braunfels Utility Surface Water Treatment Plant Expansion Project, Confidential Client, Comal County, Texas. <i>Principal Archeologist</i> for a project involving the water treatment plant expansion. Cultural resources investigations conducted according to Texas Antiquities Code of Texas including background research and SHPO consultation. Completed background research and SHPO consultation under the Texas Antiquities Code.</p>		
03/19-05/19	<p>Northeast Sanitary Sewer Line Project, Confidential Client, Brazos County, Texas. <i>Principal Archeologist</i> for a project involving installation of a sewer line. Cultural resources investigations conducted according to Texas Antiquities Code of Texas including background research and SHPO consultation. Completed background research and SHPO consultation under the Texas Antiquities Code.</p>		



<p>02/19-09/19</p>	<p>Big Spring Siding Project – Toyah Sub MP 513.79 to 516.54, Railroad Client, Railroad Client, Texas. <i>Principal Archeologist</i> for a project involving the construction of a siding track adjacent to the main track of the Toyah Subdivision between MP 513.79 and 516.54. Cultural resources investigations conducted according to Section 106 of NHPA. Conducted background research and developed a cultural desktop assessment, along with USACE coordination. Completed background research and Section 106 consultation with the USACE.</p>
<p>01/17-01/19</p>	<p>Railroad Bridge Replacement Projects, Railroad Client, Various Counties, Texas. <i>Lead Archeologist</i> for several USACE permitted railroad bridge replacement projects. Cultural resources investigations conducted according to Section 106 of NHPA. Conducted background research and developed cultural desktop assessments, and, if necessary, coordinated field survey. Completed background research and Section 106 consultations with the USACE.</p>

Firm employed by			
Name	Eugene Boesch, PhD, RPA	Years of relevant experience with this employer	29
Title	Archaeology	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		Ph.D./1994/Anthropology/Archaeology M.P.H./ 1985/Anthropology/Archaeology M.A./1980/Anthropology/Archaeology B.A./1978/Anthropology	
Active registration number / state / expiration date		Register of Professional Archaeologists 10679	
Year registered	1999	Discipline	NA
Contract role(s) / brief description of responsibilities		Principal Investigator	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
	<p>Dr. Boesch is the Arcadis Principal Investigator for cultural resource investigations in the eastern United States. He has a PhD in Anthropology specializing in Pre-Contact period, Historic period, and Industrial archaeology, the types of resources most commonly encountered in the area. He meets or exceeds the Secretary of the Interior’s standards for conducting cultural resources investigations, having more than 41 years of experience in conducting all levels of archaeological investigations, particularly in the New Jersey – New York area including 30 years of experience undertaking cultural resource work at regional superfund and other industrial sites. He has supervised all phases of archaeological investigation, Historic American Engineering Record/Historic American Building Survey (HAER/HABS), submissions for Federal, State and Local governments as well as for private clients. He is fully supported by a wide variety of graphics and data management staff.</p>		
06/21-Ongoing	Cultural Resource Investigation, Passaic Valley Water Commission, Paterson, New Jersey. <i>Principal Investigator</i> for cultural resource investigation for a feasibility study for the upper raceway recirculation project. Evaluated the 19th century upper raceway at the Paterson New Jersey National Historic Park. Project included Phase I cultural resource investigation and National Register of Historic Places eligibility assessment of the New Street Dam and Reservoir.		
01/21-02/21	Cultural Resource Audit, United States Air Force (USAF), Burlington County, New Jersey. Conducted cultural resources 3-year audit of Department of Defense Joint Base McGuire-Dix-Lakehurst Air Base. Served as Auditor for three-year cultural resource work, compliance issues, consultation issues, and other cultural resource activities. Work was overseen by US Air Force Civil Engineering Center, USAF Air Force Materiel Command Air Force Civil Engineer Center/CZOM.		

09/20-07/21	Determinations of Eligibility, 99th Readiness Command US Army Reserve Command (USARC), Northeast United States. <i>Principal Investigator.</i> Conducted Determination of Eligibility for inclusion on the National Register of Historic Places of four Department of Defense facilities: 99th USARC Facility Oliver Otis Howard, Auburn, Me (former Nike Command Base); 99th USARC Facility John Anthony Fera, Danvers, Ma.; 99th USACR Berry-Rosenblatt Facility, West Hartford, Ct.; and 99th USARC Storck Facility, Northfield, New Jersey. Evaluated four USARC facilities (one a former Nike Missile Command Installation) dating between 1951 and 1976) for their National Register of Historic Places significance.
10/19-Ongoing	New York Phase IA and II Evaluations, New York Phase IA and II Evaluations, Peekskill, New York. <i>Principal Investigator</i> for New York Phase IA Evaluation of the Pemart Avenue Manufactured Gas Plant (MGP) site. Served for Phase II Evaluation of the Early 20th Century Barge Wrecks along the Peekskill Hudson River Shoreline.
11/19-03/20	Cultural Resource Evaluation, New York City Department of Environmental Protection, New York City, New York. <i>Principal Investigator</i> for cultural resource evaluation of gatehouses and vintage equipment at four New York City Reservoirs.
03/10-04/16	National Register of Historic Places, International Paper, and Georgia Pacific: Curtis Specialty Papers Superfund Site, New Milford, New Jersey. <i>Project Coordinator and Co-Principal Investigator</i> of National Register of Historic Places standard industrial and architectural recordation of historically significant properties at the site.
04/09-02/10	Historic Sensitivity Evaluation, Confidential Client, New York City, New York. Historic Sensitivity Evaluation of the Cherry Street Manufactured Gas Facility (now the west tower for the Brooklyn Bridge) built in 1825.
02/06-07/10	Environmental Impact Statement (EIS), Oneida Indian Nation of New York, Oneida and Madison Counties, New York. <i>Senior Archaeologist</i> for an EIS for Oneida land. EIS was for Conveyance of Land into Trust/Oneida and Madison Counties.
02/98-05/99	City Cemetery, City of Newark, Newark, New Jersey. <i>Principal Investigator</i> for the Stage IA archaeological investigation.
04/95-10/99	Remedial Investigation/Feasibility Study (RI/FS), U.S. Environmental Protection Agency (U.S. EPA), Region 2, New Jersey. <i>Report Writer</i> for Stage II of archaeological investigation at U.S. Radium Corporation Superfund Site. Report written for U.S. EPA under the management of Arcadis.

Firm employed by			
Name	Lauran Switzer	Years of relevant experience with this employer	2
Title	Archaeologist	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		M.A./2009/Anthropology B.S./2004/Anthropology	
Active registration number / state / expiration date		Registered Professional Archaeologist – #16637/ USA / Exp. 10/2009	
Year registered	2009	Discipline	Archaeology
Contract role(s) / brief description of responsibilities		Archaeologist	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
	<p>Lauran Riser Switzer is a Senior Archaeologist and NEPA Planner/Project Manager at Arcadis with 18 years of experience in the field of cultural resources management specializing in transportation planning and risk management for mega projects and design build construction. She holds a Master of Arts in Anthropology from the University of South Carolina and a Bachelor of Science in Anthropology from The College of Charleston and has been an RPA member since 2009. Lauran has worked on a wide range of environmental and cultural resources projects, in both rural and urban contexts locally in the southeast and across the country including Georgia, South Carolina, Washington, California, Utah, and Colorado. She sits on the Transportation Research Board’s (TRB) AME 60 Committee on Archaeology and Historic Preservation and currently serves as the GPTQ archaeology consultant co-chair for Georgia DOT.</p>		
10/20-Ongoing	<p>I-85 Widening Phase III from US 129 to north of US 441, Georgia Department of Transportation (GDOT), Jackson and Banks Counties, Georgia. <i>Environmental Manager</i> of the environmental team and leads NEPA documentation for this variable scope 13-mile interior highway widening design build project with an aggressive project schedule. Design-build major highway widening project building upon previous phases along I-85.</p>		
10/20-Ongoing	<p>Red Top Mountain Road Connector, GDOT, Bartow County, Georgia. <i>Environmental Manager</i> of the environmental team and leads NEPA documentation for design-bid-build project that proposes to install a restricted crossing U-turn (RCUT) at the intersection of SR 3/US 41/Joe Frank Harris Parkway at Red Top Mountain Connector. The project would prohibit left and through maneuvers from the side street and provide a downstream U-turn. Environmental studies are scheduled to begin in Q1 2021.</p>		

01/20-10/20	<p>WSDOT Mega Programs Cultural Resources Management Support, WSDOT, Seattle, Washington. <i>Temporary embedded Cultural Resource Specialist and Section 106 Lead</i> for the Washington State Department of Transportation (WSDOT) Mega Programs Division. Tasks included tracking Section 106 commitments for each project, served as PI for cultural resources surveys and reports, tribal coordination and consultation, reviewed project plans, crafted APE letters, and provided status of deliverables and SHPO reviews at project delivery meetings.</p>
07/20-10/20	<p>I-405 Brickyard Inline Transit Station, WSDOT, Seattle, Washington. <i>Principal Investigator/Project Manager</i> of PI for cultural resources survey and lead report author for the design-build project that is part of the I-405 Program in Seattle. Principal Investigator/Project Manager of PI for cultural resources survey and lead report author for the design-build project that is part of the I-405 Program in Seattle.</p>

Firm employed by				
Name	Tegan Baiocchi		Years of relevant experience with this employer	2
Title	Architectural Historian		Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization		M.S./2009/Historic Preservation B.A./2006/Public History		
Active registration number / state / expiration date		NA		
Year registered	NA	Discipline	NA	
Contract role(s) / brief description of responsibilities		Architectural Historian		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
	<p>With more than 13 years of experience in cultural resources management, Ms. Baiocchi specializes in conducting architectural and historical resource investigations for small- and large-scale Section 106 and NEPA projects. Her expertise includes conducting background research, architectural resource surveys, and effects assessments; and authoring historical contexts, building descriptions, and NRHP evaluations and nominations for individual resources and historic districts. Ms. Baiocchi also has experience leading public and consulting party meetings and presentations and authoring and reviewing agreement documents such as memoranda of agreement and treatment plans. She is highly skilled at genealogical research and oral history interviews as well as exhibit planning and heritage interpretation. Ms. Baiocchi exceeds the Secretary of the Interior’s Professional Qualification Standards for Architectural History and History.</p>			
12/20-02/21	Expo Center and Pleasant Valley BRT Projects, Capital Metro, Austin, Travis County, Texas. <i>Principal Investigator</i> directly involved with research, field work, writing, etc. Architectural resource survey for Section 106/NEPA for two BRT lines in Austin, Texas.			
11/17-07/18	Arlington Avenue at Churchman Bypass Roundabout Project, City of Beech Grove, City of Beech Grove, Indiana. <i>Principal Investigator</i> Project involved construction of 5-leg roundabout & other improvements. Cultural resources survey identified no resources w/I APE. Section 106 & Section 4(f) eval. recommended No Historic Properties Affected. Received SHPO & INDOT/FWHA approval. Completed Historic Sites 4(f) evaluation with FHWA approval.			
02/16-06/18	Wilksburg Historic District Survey and NRHP Nomination, Confidential Client, Wilksburg, Allegheny County, Pennsylvania. <i>Principal Investigator</i> ; oversaw comprehensive survey of properties within proposed HD; wrote successful NRHP nomination for HD; Listed in NRHP in June 2018. Demonstrates experience in research, documentation, etc. Experience as principal investigator with range of direct involvement in supervision of staff, research, writing, etc.			

01/14-05/15	First Street Reconstruction, South H Street to State Road 22, City of Gas City, Gas City, Indiana. <i>Principal Investigator</i> Project mods required new perm. easement and temp. ROW, w/i NRHP-eligible property. Addendum Section 106 and Section 4(f) evaluation determined No Adverse Effect and a “de minimis” finding. Received SHPO and FHWA’s approval. Completed Historic Sites de minimis 4(f) eval with FHWA approval; direct involvement in field work, research, writing, etc.
03/12-04/13	First Street Reconstruction, South H Street to State Road 22, City of Gas City, Gas City, Indiana. <i>Principal Investigator</i> Street improvements project required architectural survey. Of four resources identified w/I APE, one was recommended eligible. Section 106 and 4(f) evaluation determined that the project would have no adverse effect on the resource. Received SHPO and INDOT, on FHWA’s behalf, approval. Completed Historic Sites 4(f) eval with FHWA approval; direct involvement in field work, research, writing, etc.
11/09-07/10	Appalachian Gateway Project, Appalachian Gateway Project, Greene, Washington, Allegheny, and Westmoreland Counties, Pennsylvania. <i>C Principal Investigator</i> Conducted background research; completed NRHP evaluations, and co-authored Phase I and Phase II technical report for multi-county pipeline project. Demonstrates more than ten years of experience of research, documentation, etc. of historic buildings and landscapes.

17. Firm Experience:

Firm name	Gulf South Research Corporation	Past Performance Evaluation Discipline(s)*	Environmental
Project name	Environmental Compliance Assistance for Clearing and Grubbing 302 Acres at England Airpark, Alexandria, Louisiana	Firm responsibility (prime or sub?)	Sub
Project number	Signed letter contract	Owner's name	Pan American Engineers, LLC
Project location	Alexandria, Louisiana	Owner's Project Manager	Brendon Gaspard
Owner's address, phone, email	1717 Jackson St., Alexandria, LA 71301 (318) 473-2100; Brendon@paealex.com		
Services commenced by this firm (mm/yy)	12/13	Total consultant contract cost (\$1,000's)	\$348.25
Services completed by this firm (mm/yy)	10/17	Cost of consultant services provided by this firm (\$1,000's)	\$348.25

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

GSRC conducted Phase I **cultural resources survey**, for the clearing and grubbing of 302 acres at England Airpark. The Phase I **cultural resources survey** revisited two previously recorded archaeological sites, the McNutt Plantation [16RA692] and the Weil Property [16RA703]. Both sites were recommended potentially eligible for the NRHP. GSRC subsequently conducted the Phase II **archaeological site testing** and III **data recovery** testing at the two previously recorded historic cultural resources sites. The Phase II **archaeological site testing** consisted of an excavation of shovel test pits along a 10-meter grid across the McNutt Plantation and Weil Property archaeological sites and the excavation of four 1-meter by 1-meter test units at each site. The Phase III **data recovery** consisted of stripping approximately 4,000 square meters of topsoil and placing excavation block units in high-probability areas to reveal intact cultural deposits or features across both sites. In addition to mechanical stripping and excavation of block units, an in-depth archival investigation was conducted, which identified the main house as having a construction date of 1859 and having been destroyed with the construction of the Alexandria Municipal Airport in the 1940s. The Weil Property (16RA703) had four chimney falls located during the Phase I investigation; no other features were located. The McNutt Plantation (16RA692) excavation units revealed several intact features, including the brick foundation of the main house, a concrete foundation for a side building, and the brick lining of a subterranean cistern.



GSRC personnel prepared the Phase I cultural resources survey report, a research design for both the Phase II **archaeological site testing** and Phase III **data recovery** investigations, a management summary outlining the result of the Phase II **archaeological site testing** investigations, Adverse Effects Documentation on the two eligible archaeological sites, the Memorandum of Agreement for mitigation of adverse effects on the two archaeological sites, and a management summary for the Phase III **data recovery** investigations, and is the technical report that detailed the combined results of both the Phase II **archaeological site testing** and Phase III **data recovery** investigations. GSRC personnel also analyzed the artifacts recovered from the Phase II and III investigations in their in-house laboratory and are prepared the collection for permanent curation. All work (100%) under this task order was performed in Louisiana. Josh McEnany, John Lindemuth, and Bretton Somers participated in the tasks for this project.

Firm name	Gulf South Research Corporation		Past Performance Evaluation Discipline(s)*	Environmental
Project name	Archaeological Survey Requirements Phase I Fort Polk, Vernon Parish, Fort Polk Louisiana		Firm responsibility (prime or sub?)	Prime
Project number	W9126G-12-D-0012, Task Order 0009	Owner's name	USACE, Fort Worth	
Project location	Vernon Parish, Louisiana		Owner's Project Manager	Mike Falcone
Owner's address, phone, email	819 Taylor Street; Fort Worth, Texas 76102;817-886-1724; Michael.W.Falcone@usace.army.mil			
Services commenced by this firm (mm/yy)	09/13	Total consultant contract cost (\$1,000's)	\$803	
Services completed by this firm (mm/yy)	05/15	Cost of consultant services provided by this firm (\$1,000's)	\$803	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

The Conservation Branch at Fort Polk through the USACE, Fort Worth District, contracted GSRC to survey approximately 6,200 acres of land in Vernon Parish, Louisiana. GSRC's investigation included literature and archival research utilizing existing data. This information was used to characterize the cultural resources that would be encountered during the surveys and as a basis for evaluating the resources found for the NRHP, as well as developing a Research Design that was used to guide the study and for evaluating the archaeological resources recorded.

GSRC conducted the Phase I **cultural resources survey** utilizing parallel transects and shovel tests spaced at 30- or 50-meter intervals, dependent on the probability zones provided in the Fort Polk Site Probability Model. The terrestrial survey resulted in the excavation of over 21,000 shovel test pits (STP) across the survey area. An additional 3,677 STPs were excavated during the recording and updating of archaeological sites during the survey. The intensive **cultural resources survey** of the property identified 63 archaeological sites, including a historic cemetery, revisited and updated four previously recorded archaeological sites, and identified 73 isolated finds dating from the Late Paleoindian through the Industrial and Modern periods of Louisiana. State of Louisiana Archaeological Site Forms were completed for each archaeological site recorded in the field. A Trimble GeoXT GPS unit was used to record relevant features of all archaeological sites and isolated finds identified during this study. GPS points were taken for the center of the archaeological site or isolated find and the datum established at each archaeological site. Metadata associated with GIS files were maintained and submitted to Fort Polk as a deliverable with the GIS data. Photographic data were also collected at each site location during the delineation of the site boundaries. A survey photo log was maintained for the duration of the study.

GSRC was also responsible for the conservation of over 3,000 artifacts recovered during the survey effort and the preparation of the artifacts and associated documents for curation including the creation of a curation inventory. GSRC entered all artifacts into a curation database provided by Fort Polk and prepared the collection in accordance with Fort Polk's guideline for curation, which exceeded industry standards. GSRC also prepared a technical report outlining the results of the survey and that addressed research questions regarding settlement patterns and lithic resource use in the area. This **cultural resources report** was submitted to the Louisiana SHPO during the consultation on the project. The Louisiana SHPO concurred with all the findings presented in the report. John Lindemuth and Bretton Somers were task managers for this project.

Firm name	Gulf South Research Corporation		Past Performance Evaluation Discipline(s)*	Environmental
Project name	Phase I Archaeological Investigation of 54 Acres for the Louisiana Correctional Institute for Women (LCIW)		Firm responsibility (prime or sub?)	Sub
Project number	01-107-05B-13, F.01003965	Owner's name	Grace Hebert Curtis Architects	
Project location	Iberville Parish, St. Gabriel, Louisiana		Owner's Project Manager	Jody Gascon
Owner's address, phone, email	501 Government Street Suite 200; Baton Rouge, LA 70802; 225-338-5569			
Services commenced by this firm (mm/yy)	10/20	Total consultant contract cost (\$1,000's)	\$80	
Services completed by this firm (mm/yy)	11/20	Cost of consultant services provided by this firm (\$1,000's)	\$80	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

GSRC personnel conducted an intensive **cultural resources survey** of 54 acres of land for the proposed Louisiana Correctional Institute for Women (LCIW) on behalf of Grace Hebert Curtis Architects and U.S. Department of Homeland Security Federal Emergency Management Agency (FEMA), Region VI. The project area is located on Board of Supervisors of Louisiana State land. The investigation included the pedestrian survey utilizing transects spaced 30 meters (100 feet) apart and the excavation of shovel test pits (STPs) across the entire 54-acre Area of Potential Effect (APE), and an **standing structures (architectural)/built environment survey** of the visual APE (1-mile). This investigation constitutes the good faith effort of Grace Hebert Curtis Architects to take into account any adverse effects that may occur as a result of the proposed undertaking in compliance with Section 106 of the National Historic Protection Act (NHPA) (Public Law 89-665; 54 U.S.C. 300101 et seq). An intensive archaeological pedestrian survey was supplemented with the excavation of shovel test pits. The subsurface testing consisted of the initial excavation of 213 initial transect STPs across the APE. An additional 98 STPs were excavated to determine the extent of the isolated finds.

GSRC accessed the Louisiana Historic Standing Structures Survey (LHSS) and NRHP online map to determine what previously recorded historic resources were located within the visual APE. Fourteen known resources were mapped within the visual APE for the undertaking. Aboveground/architectural reviews were conducted for each of the 14 known resources to assess if there was the potential for effects on the resources. Nine of those resources could not be found and are presumed demolished. The remaining five historic resources include Chatsworth (24-00456), the St. Gabriel Grocery and Deli (24-00457), Homeplace Plantation (24-00458), one unnamed house (24-00455), and NRHP-listed St. Gabriel Church and Cemetery (24-00491) (NRHP 72000555). Vegetation surrounding the St. Gabriel Church and Cemetery will effectively block any view of the proposed facility and no adverse visual impacts are anticipated on this resource as a result of the undertaking. The church and cemetery still retain their integrity and are eligible for the NRHP. Another 29 new aboveground/architectural resources were also recorded during the investigation; however, none of those resources were determined to be eligible for inclusion in the NRHP.

Personnel: Mr. John Lindemuth was Principal Investigator, Mr. Mark Hathorn and Ms. Eve Carter served as archaeological technicians. Ms. Suna Adam was the QA/QC manager for this task order.

Firm name	Gulf South Research Corporation		Past Performance Evaluation Discipline(s)*	Environmental
Project name	Phase I Cultural Resources Survey of Federal Levee System, New Orleans to Venice		Firm responsibility (prime or sub?)	Prime
Project number	W912DQ-05-D-0018, TO DE0101	Owner's name	USACE, Vicksburg District	
Project location	Plaquemines Parish, Louisiana	Owner's Project Manager	Matt Mallard	
Owner's address, phone, email	4155 East Clay Street Vicksburg, MS 39183; 601-631-5410; Matthew.S.Mallard@usace.army.mil			
Services commenced by this firm (mm/yy)	08/10	Total consultant contract cost (\$1,000's)	\$746	
Services completed by this firm (mm/yy)	11/12	Cost of consultant services provided by this firm (\$1,000's)	\$746	


Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

GSRC conducted a Phase I **cultural resources survey** in support of a Supplemental EIS for the restoration of the New Orleans to Venice (NOV) Federal levees located in Plaquemines Parish, Louisiana. The investigation was conducted on behalf of the USACE, Vicksburg District. The project included restoring, armoring, and accelerated completion of the existing Federal levees on the east bank from Phoenix to Bohemia (15.8 miles of back levee) and on the west bank from St. Jude to Venice (37 miles of back levee and 34 miles of Mississippi River Levee) to provide the authorized design grade for storm risk reduction.

The **cultural resources survey** included an extensive archival search of previously reported archaeological and historic sites, previous surveys, land records, and historic maps. Background data including digitized historic map overlays were projected in a project GIS with newly collected GPS field data and used to direct field activity and correlate field findings with historic documentation.

The fieldwork portion of the investigation consisted of a Phase I **cultural resources survey** of a 61-meter expanded ROW along both the protected and flood sides of the combined 86.8 miles of proposed levee restoration totaling nearly 4,300 acres, as well as a viewshed analysis of all aboveground historic structures within line-of-sight of the proposed levee improvements. Fieldwork for this investigation was conducted within a 6-month period.

The investigation resulted in the recovery and laboratory analysis of over 15,000 artifacts from 43 newly discovered Historic Period archaeological sites. All artifacts were processed and analyzed in the GSRC archaeological laboratory. All artifacts were stabilized, analyzed, and processed for curation according to the Louisiana Division of Archaeology Curation Standards in GSRC's in-house laboratory. Among the newly recorded Historic Period archaeological sites, 29 were recommended ineligible, 13 were recommended undetermined, and one was recommended eligible for the NRHP. The historic sites recorded had cultural affiliations spanning from Antebellum (1803-1860) to Industrial and Modern (1890-). Site functions of the sites recorded included residence, farmstead, historic transportation (railroad), and other historic functions that could not be determined without additional data. Within the survey area was also a previously recorded site and National Historic Landmark (NHL), Fort Jackson (16PL38). The threat level of the NHL is listed as threatened given the damage it received during Hurricanes Katrina and Rita. Bretton Somers served as Principal Investigator and John Lindemuth provided QA/QC review of the cultural resources survey report.

Firm name			Past Performance Evaluation Discipline(s)*	Environmental
Project name	HABS/HAER Recordation Services for Former Spicer Manufacturing Co. Condenser Pond AND Former Lehigh Valley RR Facilities – Cornell Dubilier Electronics Superfund Site, Operating Unit 4		Firm responsibility (prime or sub?)	Sub
Project number	30004844	Owner's name	USACE Kansas City District	
Project location	South Plainfield, New Jersey		Owner's Project Manager	Ms. Janet Mathews-Flynn
Owner's address, phone, email	US Army Corps of Engineers, 601 East 12th Street Kansas City, MO 64106 Office: (816) 389-3756; Cell: (913) 295-0111; Janet.S.Mathews-Flynn@usace.army.mil			
Services commenced by this firm (mm/yy)	05/19	Total consultant contract cost (\$1,000's)	\$14	
Services completed by this firm (mm/yy)	11/19	Cost of consultant services provided by this firm (\$1,000's)	\$14	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

This project involved completing the work and products required for **HAER** documentation in accordance with Level 3 of the National Park Service's **HABS/HAER** Standards. Coordination was conducted with **HAER**, the New Jersey SHPO, and Dr. Eugene Boesch regarding the expected reporting and photographic products. As part of the coordination, Arcadis provided Raber Associates with all relevant site and project documents/information. A preliminary field inspection was conducted to identify photograph locations, take measurements of the dam and railroad features as appropriate, and identify areas where removal of vegetation or overburden may be needed for photography. Gerald Weinstein, one of the few photographers in the Northeastern United States still providing large-format services, took large-format photographs in coordination with project manager and historian Dr. Michael S. Raber. Dr. Raber also served as Electric Power Historian, as he did for the existing **HAER** documentation. Detailed maps were prepared showing the dam, pond, and rail spur locations.

In support of the **HAER** documentation requirements, historic research was conducted, as appropriate, on the Lehigh Valley Railroad Perth Amboy Branch, with a particular focus on the Spicer spur, and on condenser pond size and functions relative to the previously-documented Spicer Manufacturing Company powerhouse. Calculations were made as to pond size and volume, and on how available ponded water served powerhouse boilers. Resources employed in the historic research included several archival repositories, online resources, and The History Factory, which is the storage facility for the historic Spicer Corporation's records located in Virginia.

Project deliverables included a summary draft documentation which was provided to the New Jersey SHPO for review, the full draft **HAER** addenda and required recordation packages to **HAER** staff for their review, and the final addenda and recordation packages which included negatives, **HAER**-quality silver prints with **HAER** formatting, and non-archival labeled photographic prints.

Arcadis Team Member(s): Dr. Eugene Boesch.



SECTION 18

Example of a shovel test pit profile
while surveying in Louisiana



18. Approach and Methodology:

In accordance with the Scope of Services provided, GSRC would perform archaeological and historical evaluations which could include **cultural resources surveys**, **archaeological site testing** (National Register of Historic Places [NRHP] eligibility testing), **data recovery** mitigation testing, **standing structure (architectural/built environment) Surveys**, NRHP eligibility evaluations, **HAER and HABS**, and **HALS** documentation, and all necessary documentation for compliance with Section 106 of the National Historic Preservation Act (NHPA) for LADOTD projects statewide. These services would be issued under Task Orders (TO) covered by an IDIQ contract which would specify the specific scope of services, contract time, and compensation. The general sample approach that is presented below includes both archaeological and architectural components and is predominantly focused on **cultural resources surveys**, which is anticipated to be the primary investigation type that would be conducted under this IDIQ.

Task 1: Kick off Meeting: GSRC personnel will conduct a kick off meeting with LADOTD to go over the project elements and Area Potential Effect (APE), access to the APE, discuss timelines, and answer any questions GSRC may have regarding the project. (10 days from Notice to Proceed)

Task 2: Obtain Landowner Information, Rights of Entry, and Written Consent for Artifact Collection: GSRC personnel would conduct research at the associated parish's assessor's office for the last know resident or non-resident landowners for the APE and any properties required to access the APE and obtain their names, addresses and other relevant contact information. This information would be used by GSRC to contact the appropriate landowners to obtain permission to carry out the cultural resources investigations and to obtain written consent to remove, analyze, and if possible, curate any artifacts recovered during the investigation (1 week from Kick off Meeting).

Task 3: Louisiana One Call: Prior to initiation of fieldwork GSRC would contact Louisiana One Call to have any buried utilities, pipelines, cables, etc. marked within the direct Area of Potential Effect (APE). The Louisiana One Call marking request would be made within a minimum of 3 business days (excluding weekends and holidays) prior to initiation of fieldwork to ensure adequate time for the marking of lines prior to any ground disturbance within the APE as indicated in the Louisiana One Call guidelines (Minimum of 3 days prior to fieldwork).

Task 4: Background and Archival Research: Prior to the initiation of fieldwork, historic and archival literature research will be conducted by the GSRC Team's staff for every cultural resources investigation prior to initiation of fieldwork. This includes, but is not limited to, the Louisiana Cultural Resource Map, county assessor data, topographic maps, and General Land Office maps. Additionally, GSRC personnel will review state, regional, and local newspapers, historical societies, university archives and online databases, government archives and online databases, state and regional museums. Historic and archival literature research is often conducted to identify and map all the locations of previously located or recorded cultural resources, previously conducted archeological surveys, architectural

surveys, or other studies pertaining to cultural resources, to characterize the geomorphological and ecological environment, to outline the cultural history and cultural context of the region, and to develop a set of research goals specific to the study area. Often this is done utilizing GIS tools.

This information would also be used to develop low and high probability areas for the APE to be investigated. Information considered in determining high and low probabilities for cultural resources include proximity to streams, topographic elevations, slopes, and historic roads and rail roads. Historic maps and topographic maps are essential in developing the low and high probability areas for the APE. The Louisiana Division of Archaeology (LDOA) and Louisiana Division of Historic Preservation (LDHP) outline minimum criteria for defining high probability areas in their *Fieldwork Guidelines for Cultural Resource Investigations*, dated October 2021. All high and low probability areas defined for the APE would be confirmed with LADOTD and LDOA prior to the initiation of fieldwork (Within 2 weeks from kick off meeting).

For **data recovery** investigations and often for standalone **archaeological site testing** investigations, a research design would be developed to guide the investigations, prior to the initiation of fieldwork. The role of research designs in data recovery investigation is central to such endeavors, as is the necessity for achieving a balance between holistic data recovery and scientific problem solving. Under the revised 36 CFR Part 800 regulations, data recovery should be carried out only after appropriate consultation, and following preparation of an appropriate agreement document (MOA, PA) between the agency, SHPO, the Advisory Council, and consulting parties, as appropriate. Once the decision to undertake data recovery is made and after other management approaches such as preservation in place have been eliminated, “the work should be done in the most thorough, efficient manner” (Advisory Council on Historic Preservation 1980:12). Mitigation also should provide for recovery of a representative and reliable sample of data on all significant research topics that reasonably can be addressed given the scope of the project at hand and the nature of the site.

Task 5: Fieldwork: All fieldwork conducted under this IDIQ contract for cultural resources would conform to the *Fieldwork Guidelines for Cultural Resource Investigations*, dated October 2021 from LDOA and LDHP. For **cultural resources surveys**, inspection of the APE is typically conducted along systematic transects placed at 30 or 50-meter (m) intervals for high and low probability areas respectively. Subsurface shovel testing is conducted along the 30 m transects at 30 m intervals and along the 50 meter transects at 50 m intervals. Subsurface shovel test pits measure 30 centimeters (cm) by 30 cm and are excavated at least 20 cm below the last artifact bearing stratum or subsoil, the water table, or a depth of 50 cm below the ground surface if the shovel test pit is negative for cultural material. The soil from the shovel test pits is screened through 1/4-inch mesh hardware cloth or broken up by hand or trowel, if screening is impractical. All cultural material is recovered from the soil matrix and bagged by level. All shovel test pits are recorded on shovel test forms which outline the project, shovel test designation, excavator, date excavated, soil stratigraphy observed, and any cultural material recovered by level. Newly recorded sites would be defined by a grid of shovel tests excavated at 10 m intervals. Additional shovel test pits are excavated in each cardinal direction until there are two shovel test pits that are negative for cultural material along each grid

line. Subsurface testing is not generally employed in areas with slopes greater than 15 to 20 percent gradient, in standing water or poorly drained areas, or in areas of extensive prior disturbance, as indicated by subsoil exposure. These areas are visually inspected for cultural material and features. In addition, locations providing a high degree of visibility, such as trails, roads, tree tip ups, and stream bank profiles, which fall between systematic transects are also inspected for cultural remains. Field forms, map notation, and photo-documentation of survey areas are maintained throughout the field phase.

For **archaeological site testing** projects, test units measuring at least 1 meter (m) by 1 m are excavated at the sites to assess the integrity of deposits and to provide sufficient samples of cultural materials to make a determination of the archaeological site's eligibility for the NRHP. In addition to test units, testing may include the excavation of additional shovel test units, remote sensing, mechanical stripping and trenching, and controlled surface collection (CSC). The testing strategies that are employed would be appropriate to the type and age of the site, its depth and stratigraphy, and its degree of preservation. A minimum of two test units would be excavated at each site in accordance with the *Fieldwork Guidelines for Cultural Resource Investigations*, dated October 2021 from the Louisiana Divisions of Archaeology and Historic Preservation.

For **data recovery** projects, excavation units generally consist of larger block units to expose large sections of the site and features recorded. Normally, these units are excavated in arbitrary 10-cm or natural/cultural levels as appropriate. Processing areas are set up to water-screen or dry-screen the excavated soils, process special samples, and otherwise coordinate and record recovered material or samples from the field. General fill is usually processed through ¼-inch mesh screen. Additional processing with ⅛-inch and 1/16-inch screens of selected midden samples, feature fill, etc., is used to recover specific classes of cultural remains. Provenience control, both horizontal and vertical, is generally maintained through reference to the previously established site grid.

For **standing structures (architectural)/built environment surveys**, the field phase consists of an intensive survey sufficient to locate and preliminarily evaluate all aboveground cultural resources that may be present within the study area. This can be accomplished in a variety of ways, depending on the scope and scale of the project. The project area and viewshed will be documented using digital photography to assess impact of project elements on resources located in the area. Additionally, the exteriors of all built environment resources and their associated features identified within the project area will be thoroughly documented using digital photography and their location points collected using a GPS units. (50 days from Notice to Proceed)

Task 6: Deliverables:

Biweekly progress and status reports: Bi-weekly progress and status reports will be prepared that would summarize the work conducted on the project during the previous two weeks and would include at a minimum the area surveyed and number of resources (both architectural and archaeological) recorded (Prepared bi-weekly throughout the project).

Letter Summary Report: A Letter Summary Report will be prepared at the completion of fieldwork that summarizes briefly the area surveyed, the resources that were recorded, and initial recommendations for the archaeological sites and architectural resources recorded within the APE (1 week from completion of fieldwork).

Archaeological Site Record/Site Record Update Forms, Louisiana Historic Resource Inventory Forms, Louisiana Historic Resource Inventory Worksheet, and Management Summary (optional): Management Summaries are completed when time constraints necessitate a quicker completion of the Section 106 review process. As a result, the management summary focuses on the results of the investigations (Cultural Resources Survey or Archaeological Testing) allowing the LDOA/LDHP to review the project while postponing the detailed analysis and interpretation included in the more detailed Cultural Resources Survey report. Management summaries are not substitutes for the draft or final cultural resources technical reports. Official trinomial site numbers and Louisiana Historic Resource Inventory (LHRI) numbers are required to be included in management summaries and the archaeological site record/update forms and the LHRI Forms and Worksheet are submitted with the management summary when required. If a management summary is not required for the project, the appropriate archaeological site forms and LHRI forms and worksheet will still be submitted (10 days from completion of fieldwork).

Draft Cultural Resources Survey/Testing/Data Recovery/Built Environment Report/Negative Findings. A comprehensive draft technical report is prepared integrating results from background research and fieldwork. The report will be prepared in accordance with the *Report Guidelines for Cultural Resources Investigation* dated October 2021 from LDOA and LDHP. The report includes a summary of the background research, research and field work methodology, historic context, registration requirements tailored to the project area and identification of character-defining features, description of resources (both architectural and archaeological), National Register determinations of eligibility, findings of effect, recommendations for site management, and the potential, if any, for mitigation work. All reports will address the Criteria of Adverse Effects, providing justification for the outcome. These drafts will be submitted to the Louisiana Department of Transportation for review and distribution to consulting parties. All appropriate forms required by appropriate SHPOs and land management agencies will be generated to document the project, newly recorded resources, and site updates for previously recorded resources within the survey area. These forms will be submitted to the appropriate agency following review by the Louisiana Department of Transportation and included as appendices in the draft report. (Would be determine by TO and scope of project).

Final Cultural Resources Survey/Testing/Data Recovery/Built Environment Report/Negative Findings.: GSRC personnel will incorporate comments and revisions from the Louisiana Department of Transportation and any consulting parties chosen to participate in the review and produce a final report. (Would be determined by TO and scope of project)



SECTIONS 19-21

Overview of the Environment and
Survey Area in Columbia, Louisiana



19. Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team’s firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually. List only the portion of the fees attributable to firms on the team.

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Gulf South Research Corporation	Cultural Resources	4400014188	IDIQ Contract for Cultural Resources Services	N/A
	Environmental Documentation	4400015812	IDIQ Contract for Environmental Services Statewide	N/A
		40000099	Retainer Contract for Right of Way Forestry	N/A

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Arcadis	Environmental	H.002397.2	LA 16 (Pete's Hwy) Interstate 12 Interchange Route	\$20,109
Arcadis	Environmental	H.011328.2	I-49 South (Ricohoc to Berwick)	\$828,788
Arcadis	Traffic	H.011328.2	I-49 South (Ricohoc to Berwick)	\$176,056
Arcadis	Road	H.011328.2	I-49 South (Ricohoc to Berwick)	\$353,273
Arcadis	ITS	H.013868.5	ITS Program Management and Operations (2022)	\$593,753
Arcadis	ITS	H.013868.6 (A)	ITS Routine Maintenance Engineering and Inspection (ME&I) (2022)	\$600,711
Arcadis	ITS	H.013868.6 (B)	ITS Responsive/Emergency Maintenance Engineering and Inspection (ME&I) (2022)	\$147,799
Arcadis	ITS		PO No. 2000588785 Scott Tower Cable and Grounding Repair, PO No. 2000634027 I-20 @ I-220 CCTV Repair For The Site in Shreveport, LA, PO No. 2000644636 I-10 @ LA 22 DMS CCTV Install	\$14,700
Arcadis	CE&I/OV	H.011220.6-1	I-10 CBD2 Carrollton-Lafitte Ave and Supplement No. 1	\$80,338
Arcadis	CE&I/OV	H.012876.6	US 90Z (I-10 Magnolia Street) Supplement No. 1	\$26,829
Arcadis	CE&I/OV	H.013710.6	I-10: US 61 to Laplace ITS Deployment	\$533,794
Arcadis	Environmental	H.009932	US 80 Widening: Vancil Road to Well Road Environmental Assessment	\$5,343
Arcadis	Traffic	H.003370	I-220/I-20 Interchange IMP & BAFP Access Design Build	\$15,000
Arcadis	Traffic	H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$597,523
Arcadis	Bridge	H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$1,098,670
Arcadis	ITS	H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$231,299
Arcadis	Traffic	H.005121	LA 1/LA 415 Connector	\$105,842

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Arcadis	Traffic	H.972419.1	SHSP Update and Regional SHSP Marketing/Advertising Support	\$12,717
Arcadis	Road	H.012901.6, H.010634.6	US 90Z (Bodenger Blvd. – Stumpf Blvd.)	\$339,654
Arcadis	Traffic	H.012018.6	Adaptive Traffic Signal Design and Implementation	\$12,608
Arcadis	Traffic	H.014305.1	US 61: Cardinal Drive to Bert Street	\$24,419
Arcadis	Traffic	H.013322.1	LA 3040 Feasibility Study	\$38,844
Arcadis	Traffic	H.013797	LA 30: EBR PL – I-10	\$493,720
Arcadis	Environmental	H.012891	LA 300 at Bayou LaLoutre	\$7,959
Arcadis	Environmental	H.014215	LA 20 at 40 Arpent Canal and Drainage Canals	\$31,698
Arcadis	Environmental	H.014213	LA 700 at Indian Bayou and Bayou Grand Marais	\$15,071
Arcadis	Environmental	H.014279	LA 35: Drain Canal Near Lawtell	\$27,893
Arcadis	Environmental	H.014278	LA 85: Patout and Drain Canal Bridges	\$33,728
Arcadis	Environmental	H.014276	LA 975: Creek Bridges	\$8,763
Arcadis	Environmental	H.014216	LA 682 at Norris Canal and Unnamed Tributaries	\$41,250
Arcadis	Environmental	H.014241	LA 10 at Mill Creek	\$19,609
Arcadis	Environmental	H.014251	LA 422: Bridge Over Unnamed Stream	\$26,672
Arcadis	Environmental	H.012565	LA 963 at Redwood Creek and Little Redwood Creek	\$8,212
Arcadis	Environmental	H.014257	LA 68 at Karrs Creek	\$27,629
Arcadis	Environmental	H.014253	LA 421 at Thom Creek	\$6,432
Arcadis	Environmental	H.014256	LA 952 at McKowen Creek and Beaver Creek	\$32,217
Arcadis	Environmental	H.014254	LA 955 at Knighton Bayou, Trib. Olive Branch, White Branch, and Chapman Branch	\$21,438

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Arcadis	Environmental	H.012061	LA 1 at Lateral W15#7A and Bayou Moreau	\$10,847
Arcadis	Environmental	H.014252	LA 1054 at Tyner Creek	\$6,932

20. Certifications/Licenses:

If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.



LOUISIANA UNIFIED CERTIFICATION PROGRAM
Disadvantaged Business Enterprise Program (DBE)
Small Business Element (SBE)

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations
& under the State of Louisiana United Certification Program (LAUCP)

GULF SOUTH RESEARCH CORPORATION

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

NC541620

NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.

Certificate Eligibility: June 2021 to June 2022

This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.


Paula Roddy, Compliance Programs Director
Louisiana Department of Transportation & Development



Certificate of Completion

THIS ACKNOWLEDGES THAT

Elizabeth Hunt

has successfully completed the eight-hour digital classroom course

THE SECTION 106 ESSENTIALS

November 10-11, 2020

REID NELSON
DIRECTOR
OFFICE OF FEDERAL AGENCY PROGRAMS

KATRY HARRIS, TRAINING SPECIALIST
SARAH STOKELY, PROGRAM ANALYST

INSTRUCTORS



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Elizabeth Hunt

has attended

Traffic Control Supervisor-LA State Specific

Training Course

3/10/2021 to 3/11/2021

Date

A handwritten signature in black ink, appearing to read "Ranga Silt".

Director of Training

A handwritten signature in black ink, appearing to read "Alex Tetschner".

President, CEO

Baton Rouge, LA

Location

ATSSA provides training and certification but neither constitutes employment by ATSSA.



American Traffic Safety Services Association ATSSA.com

THE
Register of Professional Archaeologists

Certifies that

Elizabeth Hunt, M.A., RPA

Has met all professional qualifications
and has been accredited as a

Registered Professional Archaeologist

Terry H. Klein

President



September 23, 2017

Date

University of Nevada, Reno
Heritage Resources Management Program

This will verify that

John Lindemuth

has successfully completed

Introduction to Section 106 Review

Phoenix, Arizona
June 18-19, 2002

Heath Ferguson

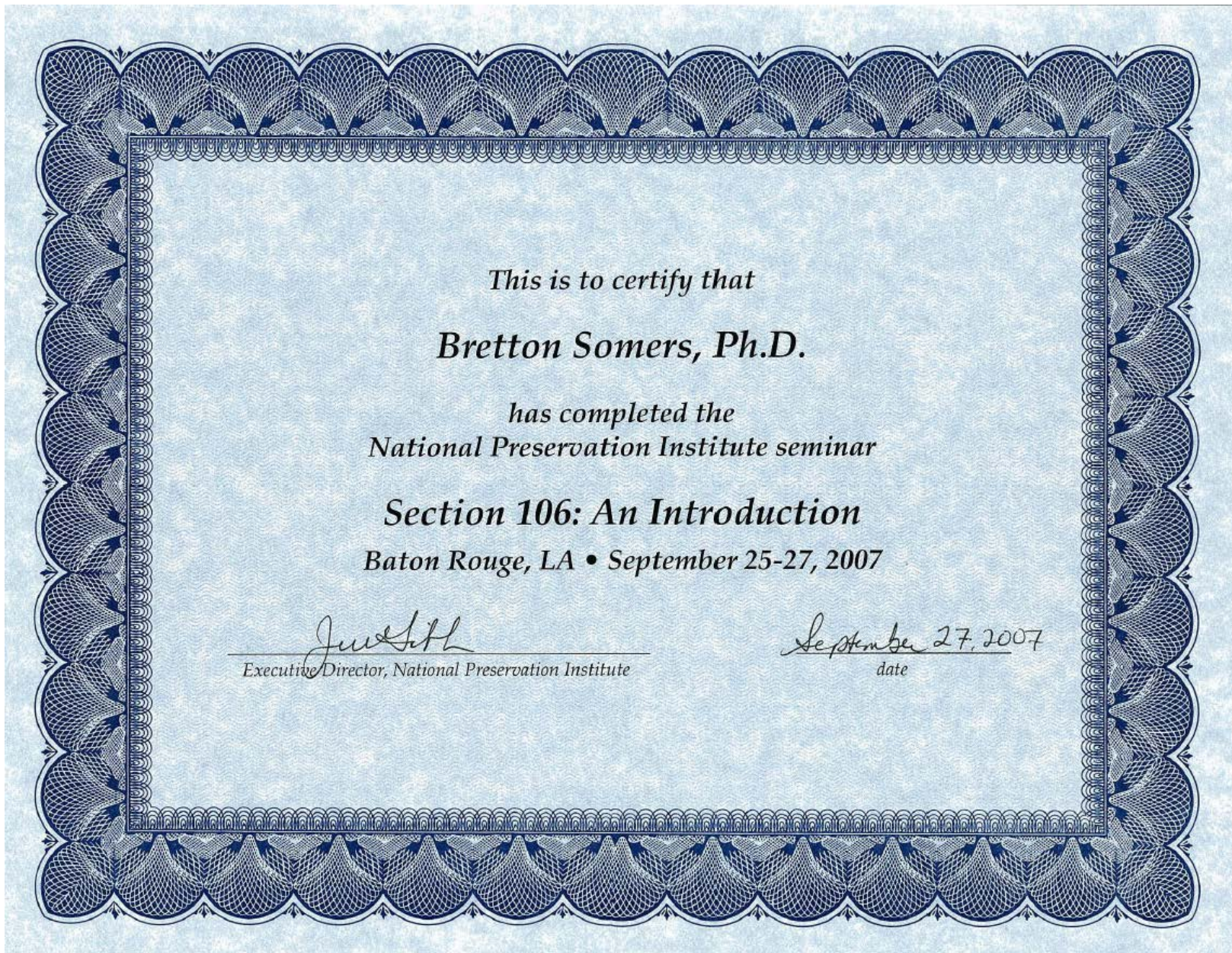
Associate Vice President & Dean,
College of Extended Studies

Tom Miller

Instructor

Don Fowler

Program Director



This is to certify that

Bretton Somers, Ph.D.

*has completed the
National Preservation Institute seminar*

Section 106: An Introduction

Baton Rouge, LA • September 25-27, 2007

Justin H.

Executive Director, National Preservation Institute

September 27, 2007

date

THE
Register of Professional Archaeologists

Certifies that

Bretton M. Somers, M.A., RPA

Has met all professional qualifications
and has been accredited as a

Registered Professional Archaeologist

Charles McConitt

President



4/20/2005

Date



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

John Lindemuth

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

9/25/2020 to 9/25/2020

Date

Handwritten signature of Donnie H. Clark in black ink.

Vice President of Member Services

Baton Rouge, LA

Location

Handwritten signature of Alleen Tebichner in black ink.

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.



American Traffic Safety Services Association ATSSA.com

21. QA/QC Plan and/or Work Plan:

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.



SECTIONS 22-23

Delineations of an archaeological site
while surveying in Louisiana



22. Sub-consultant information:

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Arcadis U.S., Inc.	10352 Plaza Americana Drive, Baton Rouge, LA 70816	Jason Morrell; Jason.morrell@arcadis.com	504-648-3617

23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.



T 225 757 8088
www.gsrcorp.com

Gulf South Research Corporation
8081 Innovation Park Drive
Baton Rouge, LA 70820

