

# IDIQ CONTRACTS FOR CULTURAL RESOURCES

Statewide, LA

Contract Nos. 4400023972 and 4400023973

June 9, 2022



# **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	<b>IDIQ Contracts for Cultural Resources Statewide</b>
2. Contract number(s) as shown in the advertisement	4400023972 and 4400023973
3. State Project Number(s), if shown in the advertisement	4400023972
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	Stantec Consulting Services Inc. 
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	N/A
6. Prime consultant mailing address	251 Florida Street, Suite 407 Baton Rouge, LA 70801
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	251 Florida Street, Suite 407 Baton Rouge, LA 70801
8. Name, title, phone number, and email address of prime consultant’s contract point of contact	Scotty Moore, Senior Archeologist/Associate, 832-664-9700, scotty.moore@stantec.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Emily Reed, Historic Preservation Program Manager/Principal, 512-338-2223, emily.reed@stantec.com
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	

<p>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):</p> <p><i>Emily Reed</i></p> <hr/> <p>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>	<table border="0"> <tr> <td data-bbox="982 1019 1102 1052"><u>Firm(s):</u></td> <td data-bbox="1640 1019 1797 1052"><u>Firm(s)' %:</u></td> </tr> <tr> <td data-bbox="982 1057 1050 1089">N/A</td> <td></td> </tr> </table>	<u>Firm(s):</u>	<u>Firm(s)' %:</u>	N/A	
<u>Firm(s):</u>	<u>Firm(s)' %:</u>				
N/A					

**12. Past Performance Evaluation Discipline Table:**

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](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)

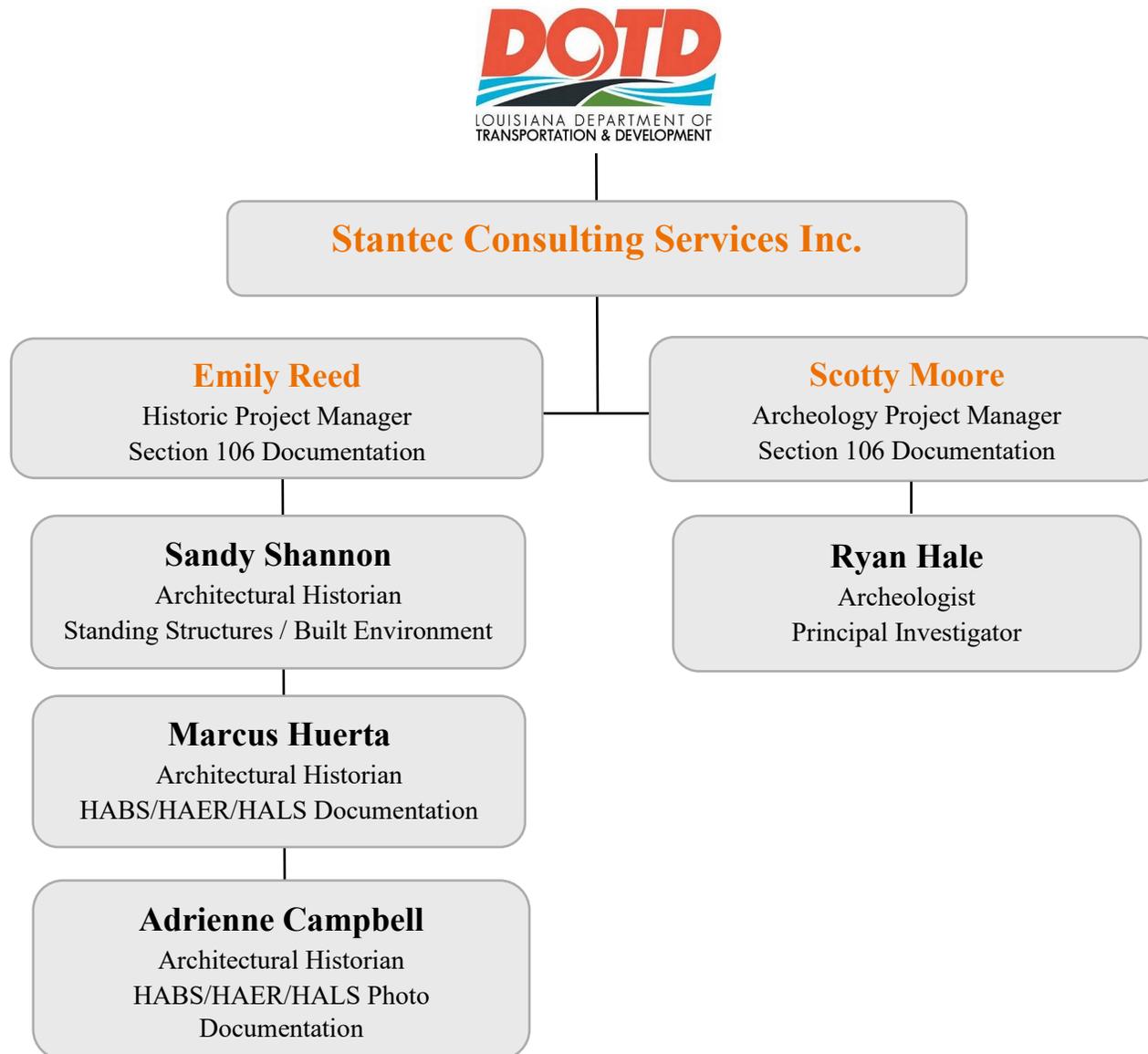
**Sub-consultants are allowed to be used for this proposal.** Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102\*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. 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. (Add rows and columns as needed)

Evaluation Discipline(s)	% of Overall Contract	<b>Stantec Consulting Services Inc.</b>	Firm B	Firm C	Firm D	Firm E	Each Discipline must total to 100%
Environmental	100%	100%	N/A	N/A	N/A	N/A	100%
Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each subconsultant.							
Percent of Contract	100%	100%	N/A	N/A	N/A	N/A	

**13. Firm Size:**

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Stantec Consulting Services Inc.	Archeologist	3	23
Stantec Consulting Services Inc.	Historian	7	32

**14. Organizational Chart:**



**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	Emily Reed	Stantec Consulting Services, Inc.	N/A	N/A	N/A
2	Emily Reed	Stantec Consulting Services, Inc.	N/A	N/A	N/A
3	Scotty Moore	Stantec Consulting Services, Inc.	Register of Professional Archeologists #13500	N/A	N/A
4	Ryan Hale	Stantec Consulting Services, Inc.	Register of Professional Archeologists #17110	N/A	N/A
5	Sandy Shannon	Stantec Consulting Services, Inc.	N/A	N/A	N/A
6	Marcus Huerta	Stantec Consulting Services, Inc.	N/A	N/A	N/A
7	Adrienne Campbell	Stantec Consulting Services, Inc.	N/A	N/A	N/A

## 16. Staff Experience:

Firm employed by	<b>Stantec Consulting Services Inc.</b>		
Name	<b>Emily Reed</b>	Years of relevant experience with this employer	<b>8</b>
Title	<b>Principal   Historic Preservation Program Manager</b>	Years of relevant experience with other employer(s)	<b>8</b>
Degree(s) / Years / Specialization	<b>MS   2010   Historic Preservation; BA   2006   History and Art History</b>		
Active registration number / state / expiration date	<b>N/A</b>		
Year registered	<b>N/A</b>	Discipline	<b>History   Architectural History</b>
Contract role(s) / brief description of responsibilities	Emily is an Architectural Historian with over a decade of experience in property assessments, historic preservation, and related work, including research, documentation, and regulatory compliance. She manages a team of 11 historians in four states and she will serve as <b>Historic Project Manager</b> for this contract. She has 12 years of experience <b>supervising Section 106 compliance</b> . Her expertise includes surveying, assessing, and documenting historic properties and determining eligibility for the National Register of Historic Places in compliance with Section 106 and NEPA; Section 4(f) determinations; archival research; and historic context development. She meets the Secretary of the Interior’s professional qualifications for 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).		
05/21 - 06/22	<b>Historic Resources Services for Weatherford Downtown Bypass, Phase I   City of Weatherford   Weatherford, Parker County, TX</b> Principal Investigator for historic resources survey for the City of Weatherford in compliance with TxDOT standards. Conducted intensive research on the building at 224 N. Main Street, a c. 1925 ice station, to confirm its current status as contributing to a NRHP district and prepared a report summarizing regulatory requirements for compliance with Section 106 of the NHPA and Section 4(f) of the DOT act to aid in project planning for avoidance.		
12/18 - 11/20	<b>Historic Resources Survey for FM 1560   Texas Department of Transportation   Bexar County, TX</b> Principal Investigator for Section 106 historic resources survey and compliance for this TxDOT project. Prepared research design, including historic context, supervised field survey and recommendation of properties in the APE individually eligible for listing in the NRHP (rough limestone masonry building construction employed by German immigrant farmers from the mid-nineteenth to early twentieth centuries in rural Bexar County). Applied the criteria of adverse effect and prepared justification for eligibility and effect in report for TxDOT compliance with Section 106. TxDOT and SHPO concurred with findings.		
09/18 - 01/20	<b>Reconnaissance and Intensive Historic Resources Survey of US 79 from IH-35 to East of FM 1460 in Round Rock, Williamson County, TX</b> Principal Investigator for reconnaissance survey of 64 resources and Section 106 evaluation. Project also included an intensive survey of 3 properties. Prepared research design and conducted fieldwork and research. Intensive work included deed research, oral history interviews,		

	<p>architect research, and a comparative analysis of children’s homes across the state. Recommended revised NRHP boundary for NRHP-listed resource and recommended another property eligible for the NRHP. Applied criteria of adverse effect to historic properties for compliance with Section 106. Assessed use under Section 4(f) and developed documentation in support of <i>de minimis</i> Section 4(f) finding. TxDOT and SHPO concurred with findings.</p>
05/16 - 08/18	<p><b>Historic Resources Reconnaissance Survey for the Oak Hill Parkway EIS   Texas Department of Transportation   Austin, Travis County, TX</b> Principal Investigator/Project Manager for survey and Section 106 compliance for this TxDOT Project. Developed historic context, prepared research design, conducted field survey, prepared historic documentation, and evaluated adverse effects. Project included application of criteria of adverse effect for a historic district recommended NRHP eligible as a result of the survey and four properties recommended individually NRHP eligible as a result of the survey. Involved consideration of indirect effects to eligible resources regarding traffic noise, vibration, and visual impacts from proposed elevated sections directly adjacent to historic properties. TxDOT and SHPO concurred with findings.</p>
08/17- 04/18	<p><b>Historic Resources Reconnaissance Survey for CR 190 at Onion Creek   Hays County and the Texas Department of Transportation   Dripping Springs, Hays County, TX</b> Principal Investigator for survey and Section 106 compliance for project to replace a ca.1937 bridge. Coordinated with local stakeholders, developed historic context, prepared research design, conducted field survey, and made recommendations regarding NRHP eligibility. Involved robust analysis of NRHP eligibility of the bridge, which has rock masonry piers and was thought to have connections to WPA. Project also included intensive archival research, including deed records and primary source material, to evaluate properties in the APE for potential significance in the areas of Agriculture and Commerce. TxDOT and SHPO concurred with findings.</p>
12/16 - 06/17	<p><b>Historic Resource Survey   City of Slidell   Slidell, St. Tammany Parish, LA</b> Principal Investigator for a locally-sponsored historic resources survey of 200 resources in Slidell. Used custom-designed form for data collection in the field with a tablet. Incorporated the results of two prior surveys. Deliverables included survey methodology and context report, individual resource documentation using Louisiana Historic Resource Inventory Form, and recommendations regarding properties and districts that are potentially eligible for the NRHP. Accepted by LA SHPO.</p>
02/14 – 11/15	<p><b>Historic Resources Reconnaissance Survey for FM 969   Texas Department of Transportation   Travis County, TX</b> Principal Investigator for historic resources reconnaissance survey and Section 106 coordination for a project proposing to widen FM 969 in eastern Travis County. Performed project management for the historic resources tasks. Developed historic context, prepared research design, conducted field survey, prepared historic documentation, made recommendations regarding NRHP eligibility, and evaluated potential adverse effects. TxDOT and SHPO concurred with findings.</p>

## 16. Staff Experience:

Firm employed by	<b>Stantec Consulting Services Inc.</b>		
Name	<b>Scotty Moore, RPA</b>	Years of relevant experience with this employer	<b>4</b>
Title	<b>Senior Archeologist   Associate</b>	Years of relevant experience with other employer(s)	<b>16</b>
Degree(s) / Years / Specialization	<b>MA   2001   Anthropology; BS   1999   Anthropology, Geology</b>		
Active registration number / state / expiration date	<b>Register of Professional Archeologists #13500 / Nationwide / Dec. 2022</b>		
Year registered	<b>2005</b>	Discipline	<b>Archeology</b>
Contract role(s) / brief description of responsibilities	Scotty will serve as <b>Archeology Project Manager</b> and will be responsible for preparation of documents that involve evaluations of historical significance. Scotty provides archeological and geoarcheological expertise gained from completing over 200 cultural resource management projects in 21 states and conducting archeological research in 22 countries. He has extensive experience developing and supervising all phases of cultural resources work and has substantial experience working with tribal authorities and federal/state agencies, including multiple US Army Corps of Engineers districts, FTA, USFS, Texas DOT, Oklahoma DOT, Missouri DOT, and DC DOT. He completed the Section 106 course conducted by the ACHP in 2008.		
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).		
01/22 - 04/22	<b>Lane Street Pedestrian Bridge Replacement Project   Washington D.C. DOT   Washington, D.C.</b> Cultural Resources Task Lead. Following the accidental destruction of a pedestrian bridge in 2021, DDOT proposed a highly accelerated schedule to replace the bridge in a nearby location; however, this location had high archeological potential. Mr. Moore developed a scope of work, coordinated with DDOT and DC SHPO, and supervised a Phase Ib survey, which led to the identification of a previously unknown historic-age site. Mr. Moore developed a Phase II plan while the original field crew was deployed so that the project could move seamlessly between phases. Phase II work revealed that the site was ineligible for inclusion in the NRHP. After expedited artifact analysis and report production, the project was cleared from cultural resources concerns in less than three months.		
06/21 - 05/22	<b>Former Camp Claiborne Munitions Response   U.S. Army Corps of Engineers   Rapides Parish, LA</b> Cultural Resources Task Lead. USACE, in cooperation with the U.S. Forest Service, proposed to identify and remove unexploded ordinance associated with a former WWII-era training facility. As part of the project, Mr. Moore served as lead for cultural resources, and was responsible for developing the first integrated Cultural Resources Management Plan for the former installation, scoping/organizing Phase I archeological surveys and archeological monitoring in high UXO-probability areas where standard shovel testing was not possible. Served as primary liaison with Tribal Historic Preservation officers, LA SHPO, and USACE.		

10/21 - 05/22	<p><b>Pine Grove Solar Farm   EcoPlexus   St. Helena Parish, LA</b> Cultural Resources Task Lead. EcoPlexus proposed the development and installation of a new-construction solar farm and associated substations within approximately 1,600-acres of privately owned land in St. Helena Parish. Mr. Moore served as the cultural resources task lead, supervised background studies of archeological and architectural resources, developed a probability model for archeological survey, developed scope of work for submission to LA SHPO and USACE, and supervised cultural resources surveys of high-probability locations. Survey re-identified one known archeological site and recorded seven new historic age sites. All were recommended ineligible for inclusion the NRHP places.</p>
01/18 - 06/19	<p><b>North Houston Highway Improvement Project   Texas Department of Transportation   Harris County, Texas.</b> The Texas Department of Transportation proposed extensive changes to the highway system of north Houston, including the removal of large segments of US 59 over Buffalo Bayou. This work would have potentially impacted site 41HR982, a historic-age site that has been determined eligible for inclusion in NRHP. Scotty developed research design and authored Texas Antiquities Permit application for a hybrid Phase I/II field investigation at two high probability locations within the overall project footprint. Identified 22 new features associated with the site at depths of up to 14 feet below the ground surface. Aided in the preparation of eligibility documentation to TxDOT and THC.</p>
01/18 - 11/18	<p><b>Formosa Petrochemical Plant Project   FG LA, LLC   St. James Parish, LA</b> Co-project archeologist and geoarcheologist. FG LA, LLC. proposed the development of more than 2,000 acres of privately owned land. Scotty served as co-field lead and project geoarcheologist, designing and implementing a limited trenching protocol to identify deeply buried cultural resources within two known historic-age sites. Coordinated statement of work and Section 106 compliance reports with USACE-New Orleans and LA SHPO.</p>
01/18 - 11/19	<p><b>Proposed Expansion of State Highway 99 (Grand Parkway) Segments H and I-1   Texas Department of Transportation   Harris, Montgomery, Liberty, and Chambers Counties, TX.</b> Co-principal Investigator. TxDOT proposed the design and construction of 22 miles of new-construction freeway north and east of Houston. Scotty worked to co-developed a probability model to guide intensive Phase I survey efforts, which included shovel testing and mechanical trenching. Scotty supervised all fieldwork for the original corridor and over 1,200 acres of additional locations for staging areas, borrow pits, and work areas. Coordinated with USACE – Galveston District and THC.</p>
02/18 - 01/20	<p><b>Proposed Expansion of State Highway 249 (Aggie Expressway), Grimes and Montgomery Counties, TX</b> Co-Principal Investigator. Served as field lead for archeological resources and senior geoarcheologist for 32 miles of new-construction freeway northwest of Houston for high profile project. Coordinated with TxDOT and THC and helped the project avoid several undocumented cultural resources, including a previously forgotten enslaved persons cemetery.</p>

**16. Staff Experience:**

Firm employed by	<b>Stantec Consulting Services Inc.</b>		
Name	<b>Ryan Hale, RPA</b>	Years of relevant experience with this employer	<b>1</b>
Title	<b>Archeologist</b>	Years of relevant experience with other employer(s)	<b>14</b>
Degree(s) / Years / Specialization	<b>MS   2017   Cultural Resource Management Archeology; BA   2006   Anthropology</b>		
Active registration number / state / expiration date	<b>Register of Professional Archeologists #17110 / Nationwide / December 2022</b>		
Year registered	<b>2017</b>	Discipline	<b>Archeology</b>
Contract role(s) / brief description of responsibilities	Ryan will serve as <b>Principal Investigator</b> for this contract, bringing over a decade of experience as an archeologist who specializes in Section 106 and NEPA compliance and cultural resources assessments and evaluations. He has participated in, directed, and managed cultural resources surveys, NRHP eligibility testing, and data recovery projects in Alabama, Arkansas, California, Florida, Georgia, Indiana, Kansas, Kentucky, Louisiana, Maryland, Mississippi, New Jersey, North Carolina, Ohio, Oklahoma, Pennsylvania, Tennessee, Texas, West Virginia, and Virginia. In addition to his archeological field experience, he is skilled in archival research, ArcGIS, artifact identification, technical report writing, and the use of total stations, data collectors and transits, GPS/Trimble, and mapping. Research interests include precolonial and historic archeology. He meets the Secretary of the Interior’s professional qualifications for Archeologist.		
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).		
10/21 - present	<b>White Oak Bayou from Cole Creek to Hollister Street for the Harris County Flood Control District, Houston, Harris County, TX</b> Principal Investigator for an on-site construction monitoring survey to identify cultural resources within the footprint of the proposed flood reduction improvements in the Harris County Flood Control District (HCFCD) which would consist of stormwater-related improvements along White Oak Bayou between Cole Creek and West Road (a linear distance of approximately 24,500 feet [4.64 miles]). The proposed monitoring would also include approximately 10.81 acres of additional right-of-way in northwest Harris County. The archeological area of potential effect (APE) is the entire project footprint, which covers an area of 110 acres. Fieldwork is ongoing and expected to last for 8 months.		
09/21 - present	<b>Intensive Archeological Survey for Proposed Improvements to the East Loop from I-69E to SH 4 for the CCRMA, Cameron, TX</b> Principal Investigator. Supervising intensive field survey of proposed improvements to the East Loop. Responsible for coordinating mechanical trenching locations with landowners.		

05/22 – 05/22	<b>Channel Maintenance Between FM 1960 and the San Jacinto River for the Texas Department of Transportation, Harris County, TX</b> Served as Principal Investigator for the proposed channel maintenance on 0.99 miles of outfall located between FM 1960 and the San Jacinto River, in Harris County, Texas. Proposed activities include slope stabilization, installation of concrete channel bottom, channel realignment at two locations, and vegetation clearing along the channel slopes
11/21 – 11/21	<b>Intensive Archeological Survey for SH 36 Re-evaluation #3 from 0.35 miles North of SH 35 to Brazos River Diversion Channel, Brazoria County, TX</b> Principal Investigator. Supervised intensive field survey of a proposed detention pond requiring approximately 566,280 square feet or 13 acres of additional right-of-way east of SH 36 and south of FM 522.
12/21 – 12/21	<b>EW-123 Archeological Survey for the Oklahoma Department of Transportation, Seminole County, OK</b> Field Director for an archeological and pedestrian survey for a 0.15-mile project area on East-West Highway 123, in Seminole County, Oklahoma, on behalf of ODOT. In addition to leading field efforts, assisted in the preparation and completion of developmental improvements of final deliverables on behalf of ODOT.
05/17 - 09/18	<b>Cultural Resources Survey for the Kisatchie National Forest, Multiple Ranger Districts, LA</b> Mr. Hale served as field director for the archeological survey of approximately 745 acres in Claiborne Parish, LA. This work was done in support for proposed logging activities throughout the Kisatchie National Forest.
05/17 – 05/17	<b>Cultural Resources Survey for the Proposed Exxon 4 pipelines, Baton Rouge, LA</b> Mr. Hale served as the field director for the archeological survey of 35 miles within a 300 foot corridor for the installation of a proposed pipeline. The project consisted of intensive pedestrian survey and shovel testing in urban settings. Mr. Hale aided in the laboratory analysis of the artifacts as well as the preparation of the cultural resources management report for the project.
04/14 - 08/14	<b>Cultural Resources Survey of the Brulator Courtyard for The Historic New Orleans Collection, New Orleans, LA</b> Mr. Hale served as crew member on the survey of the Brulator Courtyard in New Orleans, LA. The survey was in support of proposed new construction at the site. In addition to field efforts Mr. Hale also assisted in the analysis of historic materials and contributed to the cultural resources management technical report.
05/11 - 09/11	<b>Archeological Survey for St. Peter’s Cemetery, New Orleans, LA</b> Mr. Hale participated in the recovery of human remains in what is considered New Orleans oldest cemetery, dating to approximately 1723. A total of 20 human burials were identified, with thirteen burials removed for analysis and repatriation.

**16. Staff Experience:**

Firm employed by	<b>Stantec Consulting Services Inc.</b>		
Name	<b>Sandy Shannon</b>	Years of relevant experience with this employer	<b>5</b>
Title	<b>Architectural Historian / Deputy Historic Preservation Program Manager</b>	Years of relevant experience with other employer(s)	<b>5</b>
Degree(s) / Years / Specialization		<b>Master of Heritage Conservation   2014   University of Southern California; BS   2003   Psychology</b>	
Active registration number / state / expiration date		<b>N/A</b>	
Year registered	<b>N/A</b>	Discipline	<b>Architectural History</b>
Contract role(s) / brief description of responsibilities	Sandy is an Architectural Historian with experience in property assessments, historic preservation, and related work, including research, documentation, and regulatory compliance. She will be <b>Architectural Historian for the assessment of standing structures and built environments</b> , for this contract. Her expertise includes surveying, assessing, and documenting historic properties and evaluating eligibility for the National Register of Historic Places; compliance with Section 106 and NEPA; Section 4(f) determinations; archival research; local landmark and NRHP nominations; historic preservation plans; and historic context development. Her specialties include large-scale historic resources surveys and the development of digital survey databases to expedite documentation. Located near Washington D.C., Sandy is available to conduct research at the Library of Congress and National Archives and Records Administration. She meets the Secretary of the Interior’s professional qualifications for Architectural History.		
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).		
12/21 - 12/21	<b>Historic Resources Survey for Proposed HUD Redevelopment Project in New Castle, DE</b> Principal Investigator for a historic resources survey requiring Section 106 coordination. Project included a background review, APE coordination with SHPO, survey, fieldwork, documentation, and a report summarizing findings and recommendations. Three NHL properties, one NHL district, two NRHP properties, two NRHP districts, six locally designed properties, and two locally designed historic districts were in the study area. SHPO concurred with findings.		

10/20 - 04-21	<b>Teddy Avenue Historic District NRHP Nomination, Slidell, LA</b> Project Manager and lead author of an NRHP nomination for a residential district nominated under Criterion C in the area of Architecture at the local level of significance as a cohesive collection of single-family residences that illustrate national early twentieth-century architectural trends and regional influences, including the Craftsman style, Period Revival styles, and French Creole examples. Project included archival research to develop an overview of the developmental history of the neighborhood and the architecture context and a presentation to the State's NR Review Committee. Listed in the NRHP in 2021.
08/19 - 02/21	<b>Historic Resources Reconnaissance/Intensive Survey of US 79 from West of IH 45 to West of FM 1512, Leon County, TX</b> Principal Investigator for reconnaissance survey and Section 106 evaluation of 133 resources. Developed research design, wrote historic contexts, conducted fieldwork, and documented resources in accordance with TxDOT survey standards. One individual resource was subject to an intensive survey and recommended eligible for listing in the NRHP as a result of the project; made a recommendation of no adverse effect under Section 106. TxDOT and SHPO concurred with findings.
08/19 - 07/20	<b>Historic Resources Survey of Blanco Gardens in San Marcos, Hays County, TX</b> Principal Investigator for a survey of 34 resources in Blanco Gardens, a post-World War II neighborhood, requiring Section 106 and Antiquities Code of Texas coordination. Oversaw background review, fieldwork, documentation, and writing of a report summarizing findings and recommendations. As a result of the survey, no properties were recommended eligible for the NRHP and no historic properties would be affected by the proposed project. The project was approved by the SHPO without comment.
01/17 - 07/17	<b>Historic Resources Survey for City of Slidell, St. Tammany Parish, LA</b> Architectural Historian for a locally-sponsored historic resources survey of 200 resources. Used custom-designed form for data collection in the field with a tablet. Incorporated the results of two prior surveys. Deliverables included survey methodology and context report, individual resource documentation using Louisiana Historic Resource Inventory Form, and recommendations regarding properties and districts that are potentially eligible for the NRHP. Accepted by LA SHPO.
11/17 - 06/18	<b>Historic Resources Survey for City of Covington, St. Tammany Parish, LA</b> Historian for a reconnaissance level survey of a local historic district and select properties in adjacent neighborhoods (300 resources total) and a windshield survey of a residential neighborhood. Built custom, tablet-based data-collection platform. Incorporated the results of prior surveys. Deliverables included a historic context; survey report; documentation of resources within an existing local and NRHP district; and recommendations for a potential district boundary changes, contributing/non-contributing resources, and potentially-NRHP eligible individual properties and districts. Presented at public meeting. Contributed to a formal update to the NRHP nomination.

**16. Staff Experience:**

Firm employed by	<b>Stantec Consulting Services Inc.</b>		
Name	<b>Marcus Huerta</b>	Years of relevant experience with this employer	<b>3</b>
Title	<b>Architectural Historian</b>	Years of relevant experience with other employer(s)	<b>1</b>
Degree(s) / Years / Specialization	<b>MS   2018   Architecture (concentration in Historic Preservation); BA   2014   Organizational Development</b>		
Active registration number / state / expiration date	<b>N/A</b>		
Year registered	<b>N/A</b>	Discipline	<b>Architectural History</b>
Contract role(s) / brief description of responsibilities	<p>Marcus is an Architectural Historian with experience in property assessments, historic preservation, and related work, including research, documentation and regulatory compliance. Marcus will be <b>Architectural Historian for HABS/HAER/HALS documentation</b> for this contract. His expertise includes surveying, assessing, and documenting historic properties and determining eligibility for the National Register of Historic Places in compliance with Section 106 and NEPA; archival research; and historic context development. As project manager he has ten years’ experience performing project design and control, communications, and documentation activities. Previous work experience related to business process outsourcing includes business process analysis and design, process documentation, staff development, and early life support of turnkey solutions. He meets the Secretary of the Interior’s professional qualifications for Architectural Historian.</p>		
Experience dates (mm/yy–mm/yy)	<p>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>		
01/20 - 08/20	<p><b>Captain Creek Bridge SH-66B Mitigation Documentation, Wellston, Lincoln County, OK</b> Researched and wrote a study for the Oklahoma Department of Transportation on a NRHP listed bridge over Captain Creek, in the vicinity of Wellston, Oklahoma, with special and specific relevance to Route 66. As a part of a MOA to improve fracture-critical aspects of the bridge, character defining features significant to the bridge’s nomination would be lost. The documentation recorded the bridge’s historic significance and included HAER Level II photography.</p>		
08/16 - 05/18	<p><b>Historic American Buildings Survey (HABS) for Taliesin West, Scottsdale, Maricopa County, AZ</b> Wrote architectural descriptions for three of UTSA College of Architecture’s HABS submissions for Frank Lloyd Wright’s Taliesin West in Scottsdale, Arizona: Original Dining Room (HABS AZ-218-A), Formal Office (HABS AZ-218-C), and Drafting Studio (HABS AZ-218-D). All three submissions were award winners of the Charles E. Peterson Prize, a student competition presented jointly by the National Park</p>		

	Service's Heritage Documentation Programs, The Athenaeum of Philadelphia, the American Institute of Architects, and the Association for Preservation Technology International.
06/15 – 07/15	<b>Historic American Buildings Survey (HABS) for Ritz Theater, Corpus Christi, Nueces County, TX</b> Wrote the Architectural Information section of the building's long-form HABS documentation prepared for the building's owner, PATCH Corpus Christi. The section included the building's architectural character, condition of fabric, and detailed descriptions of the building's interior, exterior, and site. Also gathered interior measurements and photography.
11/21 - 01/22	<b>Section 106 Evaluation for the Carnahan Canal and Curiosity Street Bridge, San Antonio, Bexar County, TX</b> Project historian for Section 106 eligibility and effects evaluation for the Carnahan Canal (Witte Channel) and Curiosity Street bridge, structures built in the 1930s and 1940s. Project required a permit from the USACE, triggering compliance with Section 106 of the NHPA. Evaluated significance and integrity to make NRHP eligibility recommendation and applied criteria of adverse effects for the undertaking.
05/21 - 10/21	<b>Reconnaissance Historic Resources Survey of US 190 from San Saba County Line to US 183, Lampasas County, TX</b> Reconnaissance survey of 99 resources and Section 106 evaluation for project proposing improvement to US 190 in western Lampasas County. Investigations resulted in the affirmation of one NRHP-listed property and recommendation of one property as eligible for the NRHP. Evaluated potential adverse effects to the properties recommended eligible. Assessed use under Section 4(f) and found no adverse effect and no Section 4(f) use of the sites.
10/20 - 06/21	<b>Reconnaissance Historic Resources Survey of US 77, Fayette County, TX</b> Reconnaissance survey of 267 resources in rural Fayette County. The survey included a centennial family dairy and cattle ranch, suburban dwellings, industrial resources, commercial resources, a county park, and an African American cemetery. The centennial farm complex was recommended eligible for the NRHP.
01/20 - 10/21	<b>RM 150 West NRHP Coordination, Hays County, TX</b> Historic resources survey. Following coordination of a preliminary APE with the United States Army Corps of Engineers and Texas Historical Commission, Stantec conducted a cultural resource survey. Background research included previous cultural resource surveys, archival research, and analysis of public comments related to the project. As a result of the survey, which included a previously NRHP-listed historic district, Stantec recorded 64 historic-age resources on 15 parcels. The resources were evaluated for individual and historic district eligibility, and the study area was evaluated as a potential rural historic landscape. A Recorded Texas Historic Landmark- Chapel was recommended individually eligible for the NRHP. THC concurred with these findings October 2021.

## 16. Staff Experience:

Firm employed by	<b>Stantec Consulting Services Inc.</b>		
Name	<b>Adrienne Campbell</b>	Years of relevant experience with this employer	<b>3</b>
Title	<b>Senior Architectural Historian</b>	Years of relevant experience with other employer(s)	<b>19</b>
Degree(s) / Years / Specialization	<b>MS   2004   Historic Preservation; BA   1997   Anthropology and Art</b>		
Active registration number / state / expiration date	<b>N/A</b>		
Year registered	<b>N/A</b>	Discipline	<b>Architectural History</b>
Contract role(s) / brief description of responsibilities	Adrienne is an Architectural Historian with over twenty years of experience in property assessments, historic preservation, and related work, including research, documentation and regulatory compliance. She will serve as <b>Architectural Historian for HABS/HAER/HALS photographic documentation</b> for this contract. Her current responsibilities include surveying, assessing, and documenting historic properties and determining eligibility for the National Register of Historic Places in compliance with Section 106 and NEPA; Section 4(f) determinations; archival research; and contextual documentation. Adrienne has worked on a wide variety of projects across the state of Texas and United States, including highways, military, transmission lines, communication towers, railroads, and public and private development. She meets the Secretary of the Interior’s professional qualifications for Architectural Historian. Adrienne has completed the Advisory Council of Historic Preservation Section 106 Advanced Seminar.		
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).		
06/20 - 12/20	<b>Historic Resources Inventory of 1971-1975 Facilities and HABS documentation of 5 buildings at Tinker Air Force Base, Oklahoma City, OK</b> Inventory update of facilities on Tinker Air Force Base, including a historic resources survey report and HABS Level II documentation of five buildings. The survey was conducted using the Oklahoma SHPO’s documentation standards; survey forms; and photography, mapping, and GIS requirements. The HABS documentation was performed in accordance with the SOI Standards for Architectural and Engineering Documentation		
01/16 - 01/18	<b>HAER Level II recordation of Bayou Lafourche Cutoff Bridge   Louisiana Department of Transportation and Development   Caldwell Parish, LA</b> Conducted archival and historic research and prepared written data; worked with photographer to produce large format archival photographs and reproduce historic drawings of this steel Parker through truss bridge. Submitted to LADOTD in 2018.		
01/16 - 01/18	<b>HAER Level II recordation of Bayou Barataria Bridge (LA-46)   Louisiana Department of Transportation and Development   Jefferson Parish, LA</b> Conducted archival and historic research and prepared written data; worked with photographer to produce large format archival photographs and reproduce		

	historic drawings of this Warren truss swing span bridge for submission to the Library of Congress. Materials accepted by National Park Service.
01/16 - 12/17	<b>HAER Level II recordation of Black Bayou Bridge (LA-48)   Louisiana Department of Transportation and Development   Caddo Parish, LA</b> Conducted archival and historic research and prepared written data; worked with photographer to produce large format archival photographs and reproduce historic drawings of this steel I-beam and cast-in-place bridge for submission to the Library of Congress. Materials accepted by National Park Service.
01/16 - 12/17	<b>HAER Level II recordation of US 80 Overpass at Sicard (LA-45)   Louisiana Department of Transportation and Development   Ouachita Parish, LA</b> Conducted archival and historic research and prepared written data; worked with photographer to produce large format archival photographs and reproduce historic drawings of this steel and concrete girder bridge for submission to the Library of Congress. Materials accepted by National Park Service.
01/15 - 12/16	<b>HAER Level II recordation of LA 323 Bayou Teche Bridge Oaklawn (LA-26)   Louisiana Department of Transportation and Development   St. Mary Parish, LA</b> Conducted additional archival and historic research and revised written data based on NPS comments; prepared final submission for Library of Congress. Materials accepted by National Park Service.
10/13 - 06/14	<b>HABS Level III documentation of 502 29<sup>th</sup> Street (TX-402), Galveston, TX</b> Principal Investigator for Section 106 consultation for a HUD CDBG-funded disaster recovery program. This NRHP-eligible corner store was documented as mitigation for adverse effect prior to demolition. Conducted archival and historic research and prepared written data; worked with photographer to produce large format archival photographs and sketch floor plan.
05/03 - 12/03	<b>Bastrop State Park HABS Level I documentation (TX-3522)   University of Texas   Bastrop County, TX</b> Worked with team to produce measured drawings, large format archival photograph, and written data.
12/20 - 12/21	<b>Reconnaissance Historic Resources Survey of US 90 from I-10 to FM 1463, Fort Bend and Waller Counties, TX</b> Principal Investigator for reconnaissance survey of 106 historic-age resources. A rice processing facility and rice tractor manufacturing barn were recommended eligible for the National Register of Historic Places and a finding of no adverse effect was approved by Texas SHPO.
01/15 - 08/18	<b>Lafayette Urban Section, I-49 Connector, Lafayette Parish, LA</b> Provided description and evaluation of identified historic-age buildings and structures in the APE for LADOTD to coordinate with the Louisiana SHPO. Project has a strong public involvement process and required meetings with consulting parties identified by FHWA and LADOTD; updated survey recommendations based on consulting party comments.

## 17. Firm Experience:

Firm name	<b>Stantec Consulting Services Inc.</b>	Past Performance Evaluation Discipline(s)*	<b>OTHER Archeology, Architectural History</b>
Project name	<b>Elysian Street Viaduct Bridge Replacement Project / NHHIP</b>		Firm responsibility (prime or sub?)   <b>Prime</b>
Project number	<b>CMEC-AR-286-001-308</b>	Owner's name	<b>Texas Department of Transportation</b>
Project location	<b>Houston, Harris County, Texas</b>	Owner's Project Manager	<b>Paul Matchen</b>
Owner's address, phone, email	<b>7600 Washington Avenue, Houston, TX 77007, Paul.Matchen@txdot.gov, 713-802-5804</b>		
Services commenced by this firm (mm/yy)	<b>02/04</b>	Total consultant contract cost (\$1,000's)	<b>\$3,800</b>
Services completed by this firm (mm/yy)	<b>Ongoing</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$3,100</b>

**Key Staff Members:** Scotty Moore, Adrienne Campbell

The Elysian Street Viaduct project began as a Phase I archeological survey for a proposed replacement of approximately 1.7 miles of viaduct immediately north of downtown Houston; ultimately, the combined fieldwork associated with this and the ancillary North Houston Highway Improvement Project from 2004 through 2018 involved detailed historic resources documentation as well as Phase I, II, and III investigations. All told, the work documented 1,549 cultural features and recovered approximately 200,000 artifacts associated with one of Houston's earliest historic communities. The machine excavation areas ultimately covered most of two city blocks and parts of four other city blocks that were once a densely occupied and vibrant urban community. Analysis of the artifacts and archeological data is still in progress.

Following the 2004 Phase I survey and 2015 Phase II testing that resulted in the identification of 34 subsurface features, and per Section 106 requirements, Stantec developed a comprehensive data recovery research design, project schedule, and logistical plan, which called for two field phases of data recovery to investigate cultural features associated with the historic Frost Town community. The first stage of work it focused on investigating impact areas that were close to but generally not directly underneath the 1950s Elysian Viaduct bridge structure that was being replaced. The Phase I data recovery field work was conducted from May 5 through November 4, 2016, and over 800 cultural features were investigated. The second stage investigated areas that were primarily in the footprint of the old Elysian Viaduct bridge. The Phase II data recovery field work was conducted from February through June 2018, and more than 600 cultural features were documented and investigated. Finally, excavation of 24 Gradall trenches immediately adjacent to the Elysian Viaduct property for TxDOT's NHHIP was conducted in October-November 2018. This work identified an additional 22 features and nearly 1,000 artifacts within a non-contributing element of the Frost Town community.

When considered as a whole, this work represents one of the largest and most intensive archeological projects in Houston's history.

**17. Firm Experience:**

Firm name	<b>Stantec Consulting Services Inc.</b>	Past Performance Evaluation Discipline(s)*	<b>OTHER - Archeology</b>
Project name	<b>Formosa Petrochemical Plant Project</b>		Firm responsibility (prime or sub?)   <b>Sub</b>
Project number	<b>CMEC-CR-188</b>	Owner's name	<b>FG LA, LLC.</b>
Project location	<b>Donaldsonville, St. James Parish, Louisiana</b>	Owner's Project Manager	<b>Steve McVey</b>
Owner's address, phone, email	<b>2600 Via Fortuna, Ste. 450, Austin, Texas 78746, smcvey@zephyrenv.com</b>		
Services commenced by this firm (mm/yy)	<b>01/17</b>	Total consultant contract cost (\$1,000's)	<b>\$305</b>
Services completed by this firm (mm/yy)	<b>01/19</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$304</b>

**Key Staff Members:** Scotty Moore

In January 2017, Stantec was contracted by Zephyr Environmental Corporation (now POWER Engineering) on behalf of FG LA, LLC. to conduct an archeological survey of approximately 2,375 acres of privately owned land adjacent to the Mississippi River in Donaldsonville, St. James Parish, Louisiana. The project was subject to Section 106 of NHPA due to coordination with the USACE New Orleans District due to permitting requirements of the Clear Water Act.

Stantec developed an archeological probability model that identified approximately 800 acres as have “high potential” for archeological resources and 1,575 acres that had “low potential” for archeological resources; pedestrian survey intervals were then employed following LA SHPO guidelines and standards.

The survey was conducted between March and May 2017 and included over 3,400 shovel test units. Two new archeological sites (16SJ109 and 16SJ110) were identified and recorded and four previously recorded sites (16SJ28, 16SJ59, 16SJ63, and 16SJ65) were revisited. In addition to the excavation of shovel test units, focused mechanical excavations were conducted at Locus 3 of 16SJ109 due to its proximity to the Mississippi River and potential for deep deposits.

At the request of LA SHPO, Stantec conducted Phase II investigations, including mechanical scraping, excavation of 1-x-1-meter units, and shovel test units at Locus 7 of 16SJ28 and Locus 2 of 16SJ109. This investigation consisted of 99 additional shovel tests, approximately 115 meters of trackhoe-excavated trenches, and two 1-x-1 meter test units. The excavations revealed that while artifacts were present within the loci, no intact features or deposits were *in situ*.

Despite an immense project area in an area that was heavily utilized historically, Stantec efficiently developed and implemented strategies to identify and assess cultural resources to allow the project to continue.

**17. Firm Experience:**

Firm name	<b>Stantec Consulting Services Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>OTHER Architectural History</b>
Project name	<b>Oak Hill Parkway</b>		Firm responsibility (prime or sub?)	<b>Sub</b>
Project number	<b>32-114P5001</b>	Owner's name	<b>Texas Department of Transportation (TxDOT)</b>	
Project location	<b>Austin, Travis County, Texas</b>		Owner's Project Manager	<b>Wade Strong</b>
Owner's address, phone, email	<b>11211 Taylor Draper Ln #100, Austin, TX 78759, 512-231-9544, wade.strong@rtg-texas.com</b>			
Services commenced by this firm (mm/yy)	<b>05/16</b>	Total consultant contract cost (\$1,000's)	<b>\$798</b>	
Services completed by this firm (mm/yy)	<b>08/18</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$798</b>	

**Key Staff Members:** Emily Reed, Sandy Shannon

Stantec completed historic resources reconnaissance surveys and Section 106 coordination for multiple alternatives proposed for a major intersection improvement project in Austin, Texas for TxDOT. Stantec established the APE in coordination with TxDOT, developed the historic context, conducted reconnaissance-level field investigations, prepared documentation, made NRHP eligibility recommendations, evaluated effects, and prepared several addenda for historic resources studies as the design evolved and properties were added to the APE. A survey conducted by Stantec historians documented over 50 historic-age resources in the APE, including commercial, domestic, educational, healthcare, and transportation property types with construction dates ranging from ca. 1870 to ca. 1965. To evaluate these resources within their historic context, Stantec conducted and synthesized archival research establishing contextual themes on the local history of community planning and development, transportation, and architecture.

Since cultural resources studies were a critical path to environmental clearance for this high-profile, fast-paced project, historic resources studies proceeded concurrently with roadway designs. Stantec gave nearly immediate feedback to the engineers as designs changed, providing critical information about historic properties in the APE and the potential for adverse effects that could delay the project. Stantec's GIS- and tablet-based survey methodologies allowed quick identification of parcels added to the expanded APE using a database platform customized for TxDOT surveys that facilitated thorough and accurate documentation and efficient QA/QC.

Stantec concluded that the project posed no adverse effects to historic properties and worked closely with design engineers to prepare materials that would clearly support the conclusions in effective coordination with SHPO and consulting parties. The project involved multiple consulting parties/stakeholders with whom Stantec was actively engaged. Participation in multiple public meetings required Stantec to explain project complexities, describe the Section 106 process in lay terms, and solicit meaningful stakeholder input.

**17. Firm Experience:**

Firm name	<b>Stantec Consulting Services Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>OTHER Architectural History</b>
Project name	<b>Austin Avenue Improvements (Third Street to Morrow Street)</b>		Firm responsibility (prime or sub?)	<b>Sub</b>
Project number	<b>0914-05-187</b>	Owner's name	<b>Texas Department of Transportation (TxDOT) / City of Georgetown</b>	
Project location	<b>Georgetown, Williamson County, Texas</b>		Owner's Project Manager	<b>David J. Lubitz, P.E.</b>
Owner's address, phone, email	<b>12708 Riata Vista Cir Ste. A-109, Austin, TX 78727, 512-609-1507, Dave.Lubitz@aguirre-fields.com</b>			
Services commenced by this firm (mm/yy)	<b>09/16</b>	Total consultant contract cost (\$1,000's)	<b>\$117</b>	
Services completed by this firm (mm/yy)	<b>07/19</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$105</b>	

**Key Staff Members:** Emily Reed, Sandy Shannon

Stantec completed a reconnaissance historic resources survey and Section 106 coordination for proposed replacement of NRHP-eligible bridges over the San Gabriel River. Stantec developed the historic context, prepared the research design, conducted reconnaissance field investigations, prepared property documentation, made NRHP eligibility recommendations, evaluated effects, evaluated for Section 4(f) use of historic sites, and prepared a survey report. Stantec advised the project team through the Section 4(f) process, guiding engineers to design a rehabilitation solution that avoided adverse effects to the eligible bridges.

The survey studied 12 alternatives, and the large APE included commercial, domestic, municipal, recreation/culture, and transportation property types dating from 1884 to 1974. Prior to survey, Stantec conducted and synthesized archival research establishing contextual themes on the local history of community development; entertainment and recreation; and transportation. Stantec conducted impact analyses applying the criteria of adverse effects to each NRHP-eligible property in the APE to study direct effects, indirect effects, and Section 4(f) use. Stantec's evaluations guided the project team to select an alternative that would not result in an adverse effect or use.

Because Stantec personnel often manage the overall NEPA process for TxDOT, this project proved valuable for understanding implications of historic resources studies for NEPA clearance. Avoiding adverse effects enabled TxDOT to downgrade the project from an EA to a D-list CE, saving time and resources during the consultation process. Stantec's knowledge of integrating Section 106 studies into the broader environmental documentation strengthens awareness of how historic resources issues can impact scheduling and the path to clearance for the DOT.

**17. Firm Experience:**

Firm name	<b>Stantec Consulting Services Inc.</b>	Past Performance Evaluation Discipline(s)*	<b>OTHER Architectural History</b>
Project name	<b>City of Slidell Historic Resources Survey</b>	Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>N/A</b>	Owner's name	<b>City of Slidell</b>
Project location	<b>Slidell, Tammany Parish, Louisiana</b>	Owner's Project Manager	<b>Eric Lunden</b>
Owner's address, phone, email	<b>2055 Second Street, Slidell, LA 70460, 985-646-4320, elundin@cityofslidell.org</b>		
Services commenced by this firm (mm/yy)	<b>12/16</b>	Total consultant contract cost (\$1,000's)	<b>\$19.6</b>
Services completed by this firm (mm/yy)	<b>06/17</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$19.6</b>

**Key Staff Members:** Emily Reed, Sandy Shannon

The City of Slidell, Louisiana (City) retained Stantec to conduct a survey of 200 properties within the city's local historic district, Olde Towne. The survey was undertaken to update the city's historic resources inventory and identify likely candidates for listing in the NRHP. The project was partially financed with federal funds from the National Park Service, Department of the Interior through the Louisiana Department of Culture, Recreation and Tourism, Office of Cultural Development, Division of Historic Preservation.

Prior to pedestrian fieldwork, Stantec used high-resolution aerial imagery from 1969 to identify parcels containing potentially historic resources. This data review identified 646 historic properties, and in conjunction with the City, Stantec developed a list of 200 parcels to inventory. The pedestrian level fieldwork included photo-documentation of each identified resource and an electronic survey form which captured character-defining features of each building. All resources were assessed for eligibility for listing in the NRHP. Additionally, in-person interviews with residents and city officials were conducted to acquire non-archival institutional knowledge of the City. Following fieldwork, all data was assessed for accuracy and all completed data was transferred into the Louisiana Historic Resource Inventory (LHRI) form. Stantec also provided the City with a custom two-page format for its own inventory purposes and use.

As part of the analysis and final deliverable, Stantec historians developed a historic context of the City from 1884-2000. This context also analysed the influences of hurricanes and addresses current building conditions post Hurricanes Katrina and Rita.

The study resulted in the resurvey of 152 properties that had previously been surveyed and the documentation of 49 resources that had not been previously surveyed. Stantec made recommendations about potential NRHP districts and individually eligible properties. The project was completed in June 2017 and was accepted by the Louisiana SHPO. This project provided Stantec with critical regional experience that can be successfully applied to all projects stemming from the LADOTD IQIQ.

## **18. Approach and Methodology:**

Stantec employs 24 full-time archeologists and 32 architectural historians in the central Gulf Coast region with more than 500 combined years of experience in Section 106 regulatory compliance work in the region. This experience is at every scale, from background studies to extensive, multi-year Phase III data recovery projects. This core group is supported by nearly more than 100 cultural resources professionals located around the country. Our deep experience in the region has forged a highly refined and streamlined process for coordinating with lead federal agencies, state agencies (including DOT's), SHPOs, Tribal Historic Preservation Offices (THPOs), and other community members and stakeholders to assess projects quickly and effectively for cultural resource constraints, determine the risk of those constraints, and develop plans to avoid or mitigate resources (if necessary), thus keeping projects on track.

All Stantec supervisory cultural resources personnel meet/exceed the Secretary of the Interior's Qualifications Standards for archeology, architectural history, history, or historic architecture. In addition to conventional archeological subsurface testing methods, Stantec personnel have extensive experience performing non-invasive geophysical investigations and using GIS spatial tools to evaluate the archeological probability of various soils, geologic substrates, and landforms. Our historic resources staff have performed numerous reconnaissance and intensive-level historic buildings and structures surveys, developed historic contexts, compiled Historic American Buildings Survey/Historic American Engineering Record documentation, and prepared NRHP nominations.

Stantec's overall approach and methodology to the Section 106 process revolves around two equally important foci: navigating clients smoothly and effectively through the regulatory complexities of NHPA and thorough planning and implementation of project work to ensure that risks are accurately identified and managed. As a result, Stantec tailors project methodologies individually to meet the needs of individual situations. The methods presented below are based on Stantec's extensive experience with both SHPOs in the region (including Louisiana) as well as with numerous lead federal agencies. Stantec will utilize its broad expertise with these agencies to develop targeted scopes of work for any LADOTD project undertaken under the IDIQ.

### **Phase I Archeological Resources Surveys**

At the outset of any project, Stantec conducts a background literature and desktop review to determine the likelihood of encountering archeological resources within or near the project site, NEPA study area, or determined area of potential effects (APE). The background research includes a review of the Louisiana Cultural Resources Map, available historic maps (GLO, USGS, etc.), other historical information (e.g., historic newspapers, deed records, National Archives data) and relevant geologic, soils, and hydrological data and information. The background research will be used to identify known archeological sites, known cultural resources surveys, cemeteries, and historic-age structures within a predetermined buffer of the project site. Stantec uses the available information to develop sensitivity models that assess the potential for different types of cultural resources above and below ground surface within the project site. All of this information is used to develop expectations and recommendations for further work, if necessary. Recommendations also take into

consideration known and often informal preferences established by regulatory agencies to anticipate possible issues and be ready with solutions. Stantec's background studies will meet all content and editorial requirements of both LADOTD and LA SHPO.

If background research determines that field investigations are warranted, Stantec will develop a research design in consultation with LADOTD, LA SHPO, and the applicable federal agencies that will provide the information necessary to confirm the presence or absence of any intact archeological sites, historic-age structures, and cemeteries within it. This research design will include the proposed methodology for fieldwork, including pedestrian survey and subsurface testing, a plan for inadvertent discoveries, and a proposed schedule for all activities. In many cases, subsurface testing via shovel test, auger, or mechanical excavation is the appropriate strategy for identifying cultural resources. Stantec recognizes, however, that in many cases alternative methodologies, including the use of remote sensing technologies (e.g., gradiometry, ground penetrating radar, electrical soil resistivity, etc.) are equally or even more effective.

Following approval of the research design, a qualified professional will lead the cultural survey under the supervision of Scotty Moore and Ryan Hale to identify, characterize, and delineate cultural resources within the APE or study area. The survey will document the presence of culturally significant artifacts or sites in accordance with the Louisiana SHPO's *Fieldwork Guidelines for Cultural Resource Investigations* (revised October 2021). Survey efforts will typically include a pedestrian survey augmented with the excavation of shovel test units, auger bores, or other units as necessary. All site locations and subsurface observed artifacts and features will be plotted with Lenovo/iPad tablets using the ArcGIS Survey 123 (version 3.12.277) application and the ArcGIS Collector (version 20.2.2) application. This digital plotting eliminates the need for physical site markers, which often do not survive in transportation environments. All GPS/GIS data will be recorded in accordance with LA SHPO guidelines. All fieldwork will be thoroughly documented with records of all activities and observations, digital photo documentation and accompanying photo logs. Detailed field maps will be prepared and will include standard map information and will depict size and extent, location of STPs, collection areas, and any exposed concentrations or important features, disturbance, and environmental and physical markers.

Following fieldwork, Stantec will prepare a Phase I Archeological Survey Report. The report will include, but will not be limited to: introduction, results of the background review, field methods, survey results, review of artifact collections, recommendations and conclusions, and references cited. Throughout the project, Stantec will provide the LADOTD Environmental Section with a bi-weekly progress report for all work outlined above, including the estimated and actual date of completion of each task.

### **Phase II NRHP Eligibility Testing / Phase III Data Recovery**

Stantec has extensive experience in helping clients navigate the NRHP-eligibility determination and mitigation processes under Section 106. In the event that archeological resources identified during the Phase I survey phase cannot be evaluated for NRHP eligibility without further information, Phase II eligibility testing may be necessary. Potentially eligible resources that cannot be avoided require mitigation, which often comes in the form of Phase III data recovery investigations. Stantec has performed dozens of these types of projects that were not only efficient and effective but were often completed in situations with extraordinary schedule demands. Stantec has won

numerous awards, including the prestigious E. Mott Davis Public Outreach Award (multiple times), for innovative approaches to Phase II and III work that often brings positive community and stakeholder attention to projects and clients. Because the specific needs for these types of projects vary substantially from situation to situation, Stantec will work with LADOTD, LA SHPO, and any applicable federal agency to develop the most appropriate research design should the need for such studies arise.

### **Standing Structures Surveys**

Prior to conducting Standing Structures (Architectural)/ Built Environment Surveys, Stantec will prepare for fieldwork by defining the APE, developing a research design, conducting a preliminary desktop survey, and preparing mapping and database tools for tablet-based data collection in the field. Working with LADOTD and possibly with HPD to define the direct and indirect APE is the first step in the process. The Stantec Team will then develop a research design, including research questions and/or a brief historic context of history, geography, and culture that shaped the project area's built environment, using available sources. Resources to be consulted will include: the Office of CDDHP Cultural Resources Map, the Office of Cultural Development Division of Historic Preservation National Register Database (DHP), the Louisiana Digital Library, the Louisiana Digital Media Archive (LDMA), the Louisiana Historic Bridge Inventory, parish assessor's office dates of construction, and maps and aerial images that illustrate historical development. The contexts will be developed for the purposes of evaluation of the significance of surveyed resources. A historic context is a tool often developed in advance of fieldwork to facilitate the identification and evaluation of resources within a survey area. Contexts provide surveyors with an understanding of historical trends as they relate to a survey area and the types of built resources that illustrate those trends. Historic contexts are intended to be a framework rather than a comprehensive narrative of history.

Also prior to fieldwork, Stantec will create an ArcGIS Online map of the project area and conduct a preliminary desktop investigation of the project APE to identify previously designated historic properties, evaluated resources, and buildings, structures, objects, and sites that may be historic age. The map will include the most recent parcel data from parish assessor's offices, georeferenced high-resolution aerial images, and known historic resources the CDDHP Cultural Resources Map. This map will be linked to Stantec's tablet-based data collection platform, along with a mirror database of the Louisiana Historic Resources Inventory (LHRI) forms so that data collected in the field on the tablets can be easily integrated into the desired standard forms and attachments. Stantec would conduct training with all members of the survey team to review fieldwork methodologies; database technology; and architectural styles, materials, and alterations that would be common to resources in the survey area.

Stantec will conduct a standing structures survey of all building, structures, objects, and sites in the APE that are 45 years old or older. Resources that are located outside the APE but associated with resources in the APE will be documented. Based on direction from LADOTD, surveys will be one of two categories: Intensive or Baseline (Reconnaissance-like). Resources will be recorded on tablet-based LHRI forms and a minimum of two high quality photographs (1600x1200 pixels at 300 ppi) will be collected of each resource from the public right-of-way unless right-of-entry has been granted from the landowner. When possible, these photographs will be

unobstructed perspective, or oblique, views, capturing four facades. When appropriate, images showing detailed views of character-defining features, potentially significant landscape features, and major exterior modifications not readily apparent in the primary photograph will also be collected. When resources are not visible or not fully visible from the right-of-way and no right-of-entry is granted, resources will be documented with limited ground-level photography where possible and supplemented with existing aerial imagery. Accurate GIS location data will be collected as part of the desktop and field survey efforts.

Following the completion of fieldwork, the Stantec Team will produce survey reports identifying level of survey, describing methodology for survey, synthesizing research into a relevant historic context, and presenting findings of NRHP eligibility and effect. Survey reports will follow the current standards of the Louisiana Division of Historic Preservation and will include project objectives, description of project area including previous surveys and documented historic resources, a research design, project methodology, and results. Each resource will be evaluated for NRHP eligibility by an SOI-qualified Architectural Historian or Historian, following the Guidelines for Assessing the Eligibility of Resources for the National Register. Each NRHP-eligible resource will be evaluated for effects. Additional research will be conducted, as needed, to evaluate NRHP-eligibility. For intensive surveys, more in-depth research may require review of plats, deeds, and land records, city directories, tax assessor's files, and the archives at the State Library of Louisiana. Stantec will completed QA/QC for every survey form and ensure photographs are clear and capture necessary details. The report will also go through two internal peer QA/QC reviews and a technical editor review prior to submission to LADOTD.

Along with the report, the Stantec Team will produce a LDHP database spreadsheet, maps and figures, and individual PDF copies of the completed LHRI forms. The team will work with the LADOTD as necessary and the DHP in order to assign resource ID numbers for each surveyed resource. Geographic information data will be provided with latitude and longitude information to six decimal places. Reports will be provided to LADOTD for review and comment or presentation to the DHP for review and comments or concurrence with findings of NRHP-eligibility and effects. Stantec will provide the LADOTD Environmental Section with a bi-weekly progress report, including the estimated and actual date of completion of each task. Stantec may provide additional services for consultation to resolve adverse effects through avoidance, minimization, and mitigation, as necessary.

### **HABS/HAER/HALS Documentation**

The Stantec team has a depth of experience in mitigation planning and execution, with our first goal being helping our clients avoid adverse effects. When adverse effects cannot be avoided or sufficiently minimized, we are qualified and capable of designing creative mitigation and MOAs, as well as executing mitigation in the form of HABS/HAER/HALS. Stantec will follow the Secretary of the Interior's Standards and Guidelines for Architectural and Engineering Documentation. For HABS/HAER/HALS projects, Stantec will consult with LADOTD (or directly with NPS at the request of LADOTD) to identify appropriate level of documentation (I, II, or III), receive a HABS/HAER/HALS number, and identify the specific materials for submission to NPS, including what original drawings to reproduce, measured drawings to produce, angles and perspectives for large-format photographs, etc., to be included with the written data. Final documentation will be produced on archival materials and in the format approved for the HABS/HAER/HALS programs.

**19. Workload:**

Firm(s)	Past Performance Evaluation Discipline(s) *	State Project Number	Project Name	Remaining Unpaid Balance**
<b>Stantec Consulting Services Inc.</b>	Bridge	S. P. No. 700-99-0430	Retainer Contract for Bridge Preservation [Statewide, Louisiana]	
			T.O. 701-65-1018 Bayou Tech Bridge	\$1,053
<b>Stantec Consulting Services Inc.</b>	Bridge, Traffic	S. P. No. 700-10-0153	Nelson Road Ext. Bridge [Lake Charles, Louisiana]	\$0
<b>Stantec Consulting Services Inc.</b>	Planning	S. P. No. 4400004128	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]	\$1,355,038
<b>Stantec Consulting Services Inc.</b>	Traffic/ITS	S. P. No. 4400010670	Retainer Contract for Intelligent Transportation Systems (ITS) Design and Implementation Services [Statewide, Louisiana]	
			H.004104.5 Pecue Lane/I-10 Interchange Phase 3 [East Baton Rouge Parish]	\$10,136
			H.011152.4 I-12 US 190 to LA 59 [St. Tammany Parish]	\$35,955
			H.013261.6 I-110 ITS Deployment/Constr. [East Baton Rouge Parish]	\$10,528
			H.013866.6 I-12: LA 21 to US 190 Roadway Widening [St. Tammany Parish]	\$22,042
			H.014529.1 Baton Rouge Regional ITS Architecture Update [EBR & WBR Parishes]	\$9
<b>Stantec Consulting Services Inc.</b>	Road, Bridge, ITS, Traffic, Other (Lighting)	S. P. No. H.011670	Loyola Dr./I-10 Interchange to New Airport Terminal Design Build (Sub to Gilchrist Co., LLC) [Jefferson Parish]	\$455,451
<b>Stantec Consulting Services Inc.</b>	Traffic/ITS	S. P. No. 4400017922	IDIQ Contract for Intelligent Transportation Systems (ITS) System Design, Integration and System Verification Services [Statewide, LA]	
			H.014515.1 ATMS and 511 Upgrade SEA [Statewide]	\$20,000
<b>Stantec Consulting Services Inc.</b>	Traffic/ITS	S. P. No. 4400020058	IDIQ Contract for Intelligent Transportation Systems (ITS) Design and Implementation Services [Statewide, LA]	
			H.013710.6 I-10: US-61 to Laplace ITS Deployment [Ascension, St. James & St. John Parishes]	\$391
			H.013842.5 I-10: WBR Queue Warning System Design [Iberville & WBR Parishes]	\$0

Firm(s)	Past Performance Evaluation Discipline(s) *	State Project Number	Project Name	Remaining Unpaid Balance**
			H.001234.6 LA 1: Port Allen Canal BR REPL (PHI) (HBI) [West Baton Rouge Parish]	\$1,613
			H.002424.5 LA 70: Sunshine Bridge - LA 22 [St. James & Ascension Parishes]	\$10,539
Stantec Consulting Services Inc.	Road/Bridge	S. P. No. 4400020064	IDIQ Contract for Electrical Services [Statewide, LA]	
			H.005967.5 I-12: Nelson Road Ext. & Bridge Roadway Lighting Engineering [Calcasieu Parish]	\$6,681
			H.014286.5 I-10: LA 26 (Jennings) Interchange Lighting [Jefferson Davis Parish]	\$108,351
			H.014272.5 I-10: LA 97 (Jennings) Interchange Lighting [Jefferson Davis Parish]	\$211,904

DO NOT SUM

\* 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. If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

\*\* Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

**20. Certifications/Licenses:**

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

**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.

**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.

<b>Firm Name (as registered with Louisiana's Secretary of State)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
N/A			

(Add rows as needed)

**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.