



HDR Engineering, Inc.

Statement of Qualifications

IDIQ Contracts for Cultural Resources Statewide

LADOTD

Contract Nos. 4400034603 and 4400034824

APRIL 2026

DOTD FORM: 24-102

(Revised August 11, 2025)

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.

1. Contract Name as shown in the advertisement	IDIQ Contracts for Cultural Resources
2. Contract Number(s) as shown in the advertisement	4400034603 and 4400034824
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	HDR Engineering, 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)	EF.0001231
6. Prime consultant mailing address	8545 United Plaza Boulevard, Suite 379 Baton Rouge, LA 70809-0204
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	8545 United Plaza Boulevard, Suite 379 Baton Rouge, LA 70809-0204
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Zachary Overfield, RPA – South Central Cultural Resources Leader 972.960.4426, zachary.overfield@hdrinc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Brett L. Geesey, Vice President 337.347.5598, brett.geesey@hdrinc.com

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

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.



Signature above shall be the same person listed in Section 9:

Date: 04/16/2026

Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.

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.

Firm(s):
N/A

Firm(s)' %:

12. Discipline Table:

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

The **only** disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

Discipline(s)	% of Overall Contract	HDR Engineering, Inc. (Prime)	Gray & Pape, Inc. (Sub)	C.H. Fenstermaker & Associates, L.L.C	Each Discipline must total to 100%
Environmental	94%	90%	10%		100%
Data Collection	5%	100%			100%
Traffic	1%			100%	100%
Choose an item.					100%
Choose an item.					100%
Choose an item.					100%
Choose an item.					100%
Choose an item.					100%
Choose an item.					100%
Choose an item.					100%
Choose an item.					100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	89.6%	9.4%	1%	100%

13. Team Size:

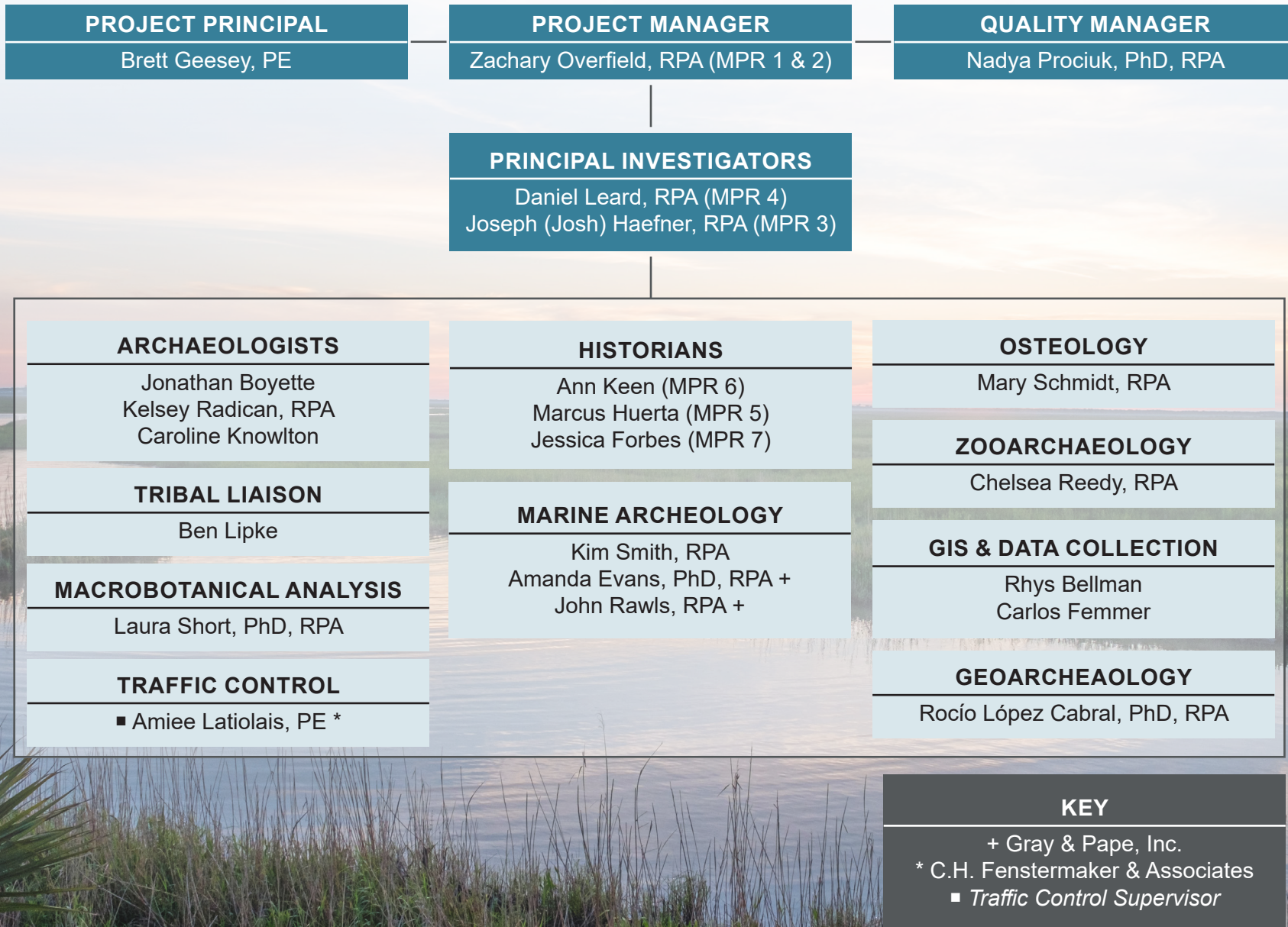
For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included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

Firm name	DOTD Job Classification	Number of personnel committed to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
HDR Engineering, Inc.	Archaeologist	13	25
	Historian	3	7
	Principal	1	10
	Supervisor - Other	1	12
	GIS Analyst	1	4
Gray & Pape, Inc.	Archaeologist	2	30
C.H. Fenstermaker & Associates, L.L.C	Engineer	1	2

(Add rows as needed)

***For evaluation purposes only**, and as referenced in the Scope of Services on page 2 of IDIQ advertisements only, the consultant shall assume the number of concurrently active task orders specified in the advertisement and shall identify the number of **committed** personnel accordingly.

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. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that 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 and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Zachary Overfield, RPA	HDR Engineering, Inc.	N/A	N/A	N/A
2	Zachary Overfield, RPA	HDR Engineering, Inc.	N/A	N/A	N/A
3	Joseph Haefner, RPA	HDR Engineering, Inc.	N/A	N/A	N/A
4	Daniel Leard, RPA	HDR Engineering, Inc.	N/A	N/A	N/A
5	Marcus Huerta	HDR Engineering, Inc.	N/A	N/A	N/A
6	Ann Keen	HDR Engineering, Inc.	N/A	N/A	N/A
7	Jessica Forbes	HDR Engineering, Inc.	N/A	N/A	N/A

16. Staff Experience:

Firm employed by HDR Engineering, Inc.				
Name	Zachary "Zack" Overfield, RPA		Years of relevant experience with this employer	4
Title	Professional Associate/South Central Cultural Resources Practice Leader		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		MA / 2013 / Anthropology with Archaeology Concentration BA / 2011 / Sociology with Anthropology Emphasis		
Active registration number / state / expiration date		RPA 28577359 / US / 12/31/2026		
Year registered	2014	Discipline	Cultural Resources	
Contract role(s) / brief description of responsibilities		Project Manager (Meets MPRs 1 & 2) – provide technical oversight, oversee overall project budgets and schedule, oversee subconsultants, and verify adherence to PMP and QMPs		
Zack has 16 years of experience in cultural resources management archaeology, verifying that projects successfully navigate NEPA, the National Historic Preservation Act, and other applicable federal, state, and local regulations. Zack manages intensive archaeological and historic resources surveys, cemetery investigations, burial exhumations, evaluative testing, data recovery, alternative mitigation efforts, and historic preservation documentation. Zack's Master's thesis was titled, <i>"Resurrecting Old Pattonia: Uncovering the Lifeways of a 19th Century Shipping Port Community."</i> Zack is a registered archaeologist and meets the Secretary of the Interior's Standards and Guidelines for Archaeology and has completed the National Preservation Institute's Section 106 training (The Basics for Planners, Project Managers, and Developers).			Benefit to LADOTD: • Innovative solutions in Louisiana - lead multi-technology and historic human remains detection dogs survey for the first application in Louisiana for cultural resources management. • Louisiana experience for project efficiencies	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/23–05/25	Sempra, Louisiana Connector Pipeline, Cameron, Calcasieu, and Beauregard Parishes, LA. Project Manager/Responsible Charge of NHPA Section 106 Documentation. Zack managed compliance with the National Historic Preservation Act for a 77-mile natural gas pipeline. Zack supervised field efforts and managed client communications. He handled agency consultation and verified compliance with Section 106 of the NHPA. He also assessed the NRHP significance of an early-20th-century sulfur mining site in Calcasieu Parish. While the site as a whole was eligible, the portion of the site that the project traversed was determined not to be a contributing component of the site's eligibility.			
06/21–05/22	Canada National Railway, Bonnet Carre Spillway, Baton Rouge, LA. Principal Investigator/Responsible Charge of NHPA Section 106 Documentation. Zack managed compliance with the National Historic Preservation Act and the Louisiana Unmarked Human Burial Sites Preservation Act for the reconstruction of the wooden trestle bridge spanning the Bonnet Carré Spillway. Zack developed the multi-technology survey carried out for the project and led agency coordination for the cultural resources compliance work. He worked with the USACE, SHPO, and the Louisiana Attorney General's office to receive approval on the novel data collection methods. Zack led the successful Section 106 compliance efforts for the client and saved the project over \$700k in estimated excavation costs by implementing the multi-technology remote survey methods.			
6/21–Ongoing	Palo Pinto County Municipal Water District 1, Turkey Peak Reservoir, Palo Pinto and Parker Counties, TX. Project Manager/Principal Investigator/Responsible Charge of NHPA Section 106 Documentation. For the eligibility testing component of this project, Zack managed and served as Principal Investigator for the field, lab, and analysis work and co-authored the draft and final reports, assessing potential effects of the project on resources eligible for listing in the			

	National Register of Historic Places and recommending the level of mitigation efforts where warranted. For the current data recovery project phase, Zack serves as project manager, leading client management, tracking budget and scope adherence, and verifying that the work is completed in accordance with the projected schedule provided to the client. Zack also supports the senior archaeologists in verifying compliance with Section 106 and the Antiquities Code of Texas. Zack is leading the advanced technological applications, including photogrammetry, and coordinating LiDAR data acquisition with the geospatial data acquisition team.
05/25–Ongoing	Oklahoma Department of Transportation (ODOT), Cultural Resources IDIQ, Statewide OK. <i>Principal-in-Charge/Responsible Charge of NHPA Section 106 Documentation.</i> Zack is managing the Section 106 compliance and confirming archeological and built environment tasks are completed to the client's satisfaction. Zack confirms projects are staffed appropriately, client needs are met, and that work is completed in accordance with ODOT specifications for Section 106 compliance.
05/19–12/19	Plains All American, TGTI to Corpus Pipeline Project, Corpus Christi, TX. <i>Principal Investigator/Responsible Charge of NHPA Section 106 Documentation.</i> Zack supported compliance with cultural resources for the 21-mile-long petroleum product pipeline. He oversaw the Phase I cultural resources survey and agency consultation.
07/15–10/17	Bayou Bridge Pipeline LLC, Bayou Bridge Pipeline Project, Multiple Counties, LA. <i>Principal Investigator/Responsible Charge of NHPA Section 106 Documentation.</i> Zack completed a cultural resources field investigation for a 162-mile crude oil pipeline across southern Louisiana, documenting 27 archaeological sites and four historic structures and their associated outbuildings. He oversaw the Phase I cultural resources survey and agency consultation under the Clean Water Act and NHPA.
01/17–10/17	Gulf South Pipeline Company LP, Westlake Expansion Project, Calcasieu Parish, LA. <i>Principal Investigator/Responsible Charge of NHPA Section 106 Documentation.</i> Zack completed a cultural resources investigation for the approximately 42-acre Westlake Compressor Station. He documented one historic archaeological site that included two historic buildings determined to be the remains of the Krause and Managan Houston River Road Mill. The project design was modified through consultation with the Louisiana Division of Archaeology to avoid direct and indirect effects on the historic site.
01/16–12/16	Hatch Mott MacDonald, American Midstream, Midla Natchez Line, Multiple Counties, LA, and Natchez County, MS. <i>Project Manager/Principal Investigator/Responsible Charge of NHPA Section 106 Documentation.</i> Zack completed a cultural resources field investigation for a 50-mile FERC natural gas pipeline. He supervised the Phase I cultural resources survey, agency consultation, and the completion of Resource Report 4. The investigation assessed two newly recorded archaeological sites, one site revisit, and one historical resource. In addition to leading the field efforts, Zack managed the Section 106 compliance with FERC and led client communications and agency consultation.
12/13–12/14	Hatch Mott Macdonald, Midla Abandonment, Multiple Parishes, LA. <i>Project Archaeologist.</i> Zack supervised field investigations at select pipeline abandonment sites throughout eastern Louisiana to support FERC and NHPA compliance. The investigation resulted in a revisit to site 16RI307, which consists of an Early Woodland to potentially Mississippian-period occupation. The survey recovered Tchefuncte pottery, faunal remains, including bone tools, and lithic debitage.
10/12–08/13	CPRA, Mid-Barataria Sediment Diversion Channel, Plaquemines Parish, LA. <i>Historical Archaeologist.</i> Zack led the cemetery identification and served as the historical archaeologist for the large-scale survey of the planned diversion channel, which focused on documenting and archaeological testing a late-eighteenth- to early-nineteenth-century French colonial plantation. He completed historic artifact analysis for the project, including the identification and analysis of several hundred artifacts related to the enslaved persons on the plantation recovered from the former site of their quarters.

Firm employed by HDR Engineering, Inc.				
Name	Rhys Bellman		Years of relevant experience with this employer	2
Title	GIS Analyst		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		BS / 2022 / Environmental Science		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		GIS & Data Collection – conduct remote sensing, aerial photography, and data recovery		
Rhys has five years of experience in GIS technologies, commercial drone piloting, and wetland mitigation compliance monitoring. His technical proficiency and commitment to innovative geospatial strategies support efficient project planning, compliance reporting, and data-driven decision-making. Rhys is also a youth liaison board member for the local Geospatial Professional Network chapter and is currently pursuing his MBA and GISP certifications.				Benefit to LADOTD: • Based in Lafayette, LA • FAA Certified remote pilot in command • Extensive Louisiana experience
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 years of experience specified in the applicable MPR(s).			
06/25–Ongoing	Entergy Services, Entergy Babel to Webre Transmission Line Project, Various Locations, LA. GIS Analyst. Rhys developed and delivered key geospatial workflows that significantly improved project efficiency and data quality. He produced maps to support routing, permitting, and environmental review, and deployed advanced automated wetland assessment tools to accelerate preparation of USACE wetland delineation forms. Rhys also built automated workflows using FME to ingest client-provided KML files and update HDR’s AGOL feature layers, confirming timely, accurate data synchronization across teams and minimizing manual processing for both HDR and Entergy.			
08/25–08/25	CSX Transportation, Rigolets Bridge Improvements, Slidell, LA. Drone Operator. Rhys provided safe and compliant operations throughout the project. He captured both orthographic (ortho) and oblique imagery of the railroad bridge, using advanced drone technology to achieve precise, detailed visual documentation. Rhys adhered to FAA and HDR internal safety protocols to safeguard the integrity of the operation and the surrounding environment. A consistent challenge for mission flights on this project was capturing the bridge’s moveable pivots, trusses, and spans over water in an area with consistently high winds and no cover. To overcome this challenge, Rhys utilized a WingtraOne drone, enabling mission flights in sustained winds up to 30 MPH, and a Skydio X10’s robust obstacle-avoidance sensors for close-span and truss inspections.			
04/24–08/25	Sempra, Louisiana Connector Pipeline, Cameron, Calcasieu, and Beauregard Parishes, LA. GIS Technician. Rhys prepared and managed GIS data and mapping products to support regulatory compliance for the FERC-permitted Port Arthur Pipeline and Louisiana Connector Pipeline in the Port Arthur area. He produced route, alignment, and environmental exhibit maps that met FERC technical standards and supported FERC 7(c) certificate filings and environmental reports. Rhys compiled and analyzed environmental constraints, including wetlands, waterbodies, floodplains, land use, threatened and endangered species, and environmental justice areas, and calculated temporary and permanent impact acreages for NEPA documentation. He created and maintained pipeline centerlines, construction workspaces, access roads, valve sites, and ancillary facility footprints while supporting alternative route analyses and design revisions. He mapped parcels, land ownership, and right of way impacts; maintained project geodatabases; and performed GIS quality control to verify consistency across maps, tables, and FERC submittals. Rhys coordinated closely with engineering, environmental, and land teams and responded to FERC data requests under regulatory deadlines while working with coastal, floodplain, and industrial infrastructure datasets typical of Southeast Texas and Southwest Louisiana.			

Firm employed by HDR Engineering, Inc.			
Name	Jonathan Boyette		Years of relevant experience with this employer
Title	Archaeological Crew Chief		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BA / 2018 / Anthropology	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Archaeologist - conduct archeological site testing and prepare documentation	
Jonathan has experience in environmental and cultural resource management. He supports various environmental permitting projects, contributing expertise in archaeological and cultural resource studies and NHPA compliance. Jonathan's experience includes large-scale solar energy developments, pipeline surveys, shoreline protection initiatives, and infrastructure improvements across the Gulf Coast and Southeastern U.S. His background includes managing field crews, coordinating with agencies, and conducting Phase I cultural resource investigations to support responsible, sustainable development.			Benefit to LADOTD: • Based in Metairie, LA to rapidly respond to LADOTD needs • Regional archaeological experience
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 years of experience specified in the applicable MPR(s).		
01/26–Ongoing	Entergy Services, Entergy Babel to Webre Transmission Line Project, Various Locations, LA. Archaeological Crew Chief. Jonathan is leading a field crew of archaeologists for a cultural resources survey of a proposed 160-mile transmission line from Webre to the Texas state line. Fieldwork includes systematic shovel testing, deep auger testing, and architectural survey. Jonathan is conducting background research, directing field efforts, coordinating with land agents, and preparing reports.		
05/24–11/24	Palo Pinto County Municipal Water District 1, Turkey Peak Reservoir, Palo Pinto and Parker Counties, TX. Archaeological Field Technician. Jonathan completed archaeological test units, assisted with laboratory analysis, and excavated archaeological features for the site eligibility testing component of the project.		
07/23–03/24	Sempra, Louisiana Connector Pipeline, Cameron, Calcasieu, and Beauregard Parishes, LA. Archaeological Field Technician. HDR completed a Phase I cultural resource investigation in support of a 77-mile natural gas pipeline in southwestern Louisiana. Jonathan completed archaeological survey investigations, including systematic shovel testing, pedestrian surveys, airboat surveys, and site delineations, in support of Section 106 compliance.		
03/24–06/24	Sempra Energy, Texas Connector Pipeline Amendment Project, Jefferson and Orange Counties, TX. Archaeological Field Technician. Jonathan joined a crew of archaeologists and historians for a cultural resources survey of 39.3 miles of proposed pipeline, access routes, and associated facilities totaling approximately 1,910 acres. The project was overseen by FERC and was subject to Section 106 of the NHPA. Fieldwork included systematic shovel testing and architectural survey. Jonathan conducted systematic shovel testing, pedestrian surveys, and site delineations.		
05/25–Ongoing	Lafayette Consolidated Governments, Drainage Initiative Groups A-H, Lafayette, LA. Archaeological Crew Chief. Jonathan is conducting cultural resource background studies and evaluating proposed drainage improvement projects to confirm compliance with preservation laws and to support the integration of findings into the broader environmental review process.		
06/25–07/25	Texas General Land Office, Shoreline Protection at Bayfront Parks, Corpus Christi, TX. Archaeological Crew Chief. This project focuses on designing and implementing shoreline protection measures at three parks along Ocean Drive. HDR provided coastal engineering and environmental services. Jonathan conducted cultural resource background studies to identify and document any archaeological sites within the project area, verifying compliance with state and federal preservation regulations throughout the shoreline protection planning process.		

04/25–05/25	Harris County Engineering Department, East Oakwild Subdivision Drainage Preliminary Engineering Report, Harris County, TX. <i>Archaeological Crew Chief</i>. This project involves identifying drainage improvements to reduce flood risk in Harris County Precinct 2. HDR led engineering and environmental evaluations to support future infrastructure upgrades. Jonathan conducted cultural resource assessments to verify compliance with preservation regulations and support environmentally responsible drainage solutions.
04/25–05/25	Competitive Power Ventures, Jugfork Solar NEPA Compliance, Lee and Union Counties, MS. <i>Archaeological Crew Chief</i>. This project is a utility-scale solar energy development requiring full NEPA compliance and environmental permitting. HDR provided a wide range of services, including cultural resource studies, jurisdictional delineation, habitat surveys, environmental assessments, and FONSI preparation. Jonathan led field crews to conduct Phase I archaeological surveys, document site conditions, and verify compliance with Section 106 of the NHPA.
06/25–07/25	Orsted Onshore North America, Rose Hill Solar Site, Chickasaw County, MS. <i>Archaeological Crew Chief</i>. HDR provided environmental services to support permitting and development for this 2,600-acre solar development. Jonathan led field investigations to identify and document cultural resources across the site. His work confirmed compliance with relevant cultural resource regulations.

Firm employed by HDR Engineering, Inc.			
Name	Carlos Femmer		Years of relevant experience with this employer
Title	Geomatics and Remote Sensing Cross Sector Director		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MBA / 2012 / Business Administration BS / 2010 / Management Information Systems	
Active registration number / state / expiration date		FAA Part 107 Drone License #3993870 / US / 05-2027	
Year registered	2017	Discipline	FAA Part 107
Contract role(s) / brief description of responsibilities		GIS & Data Collection – conduct remote sensing, aerial photography, and data recovery	
Carlos leads data acquisition efforts across various sectors, including overseeing development, innovation, and operations across the land survey and airborne divisions, and supporting projects such as Spectra's Nexus Gas Transmission and major rail initiatives. With over 20 years of experience, he has managed surveys for tens of thousands of miles of pipelines, transmission lines, and railways. A pioneer in commercial drone applications, he was the first to inspect assets such as the Golden Gate Bridge and to conduct a commercial drone flight in the Grand Canyon. Carlos specializes in advanced technologies for data collection and project delivery, including hydrographical, geophysical, LiDAR, and drone surveys. He has secured SGI-COA authorizations for drone operations at more than 20 Department of Defense (DOD) installations and additional approvals for drone operations at critical infrastructure sites across the country.			Benefit to LADOTD: • Based in Lafayette, LA, with Louisiana data collection experience for project efficiencies • Pioneer in innovative drone data collection technologies, including using drones for structure inspections
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 years of experience specified in the applicable MPR(s).		
01/25–04/25	Palo Pinto County Municipal Water District 1, Turkey Peak Reservoir, Palo Pinto and Parker Counties, TX. Data Collection. Carlos utilized innovative drone technology to lead the LiDAR and photogrammetry for site 41PP387. He used the data collected to develop a photorealistic 3D model with sub-centimeter accuracy . The site model included bison remains exposed during excavation and a stone knife left next to a butchered bison vertebra.		
05/16–11/17	Entergy Services, Entergy Transmission Network, Various Locations, LA. Project Manager. Carlos oversaw staffing survey crews and various survey tasks, such as preliminary civil and construction surveys, control network surveys, and stakeout activities. He also managed Aerial LiDAR and imagery surveys, supporting the refurbishment and expansion of existing power grid infrastructure, including support structures and substations.		
12/20–08/22	Naval Facilities Engineering Command (NAVFAC), Marine Corps Air Station (MCAS) Cherry Point Boundary Management Unmanned Aircraft System (UAS) Capture and Program Development, MCAS Cherry Point, NC. Unmanned Aerial Vehicle (UAV) Project Manager and Remote Pilot in Command. Carlos spearheaded the creation of a dedicated drone division within Navy/NAVFAC US operations. He developed the framework and documentation required for Department of Defense approvals, confirming every UAV activity met stringent DOD standards. To launch the program, his team completed a comprehensive gap analysis of potential drone-survey vendors and procured multiple aircraft on the Navy's behalf. They authored detailed standard operating procedures and delivered both office-based and field training to embed those SOPs across the organization. Close coordination with the FAA, DOD, NAVAIR, and the MCAS Cherry Point commander secured flight permissions. These efforts culminated in a groundbreaking pilot project that mapped approximately 8,000 acres on a DOD installation, the first citywide data capture in the United States performed entirely by drones, even though it took place on a military base.		

03/20–11/21	Golden Gate Bridge Authority, Golden Gate Drone Bridge Inspection, San Francisco, CA. UAV Project Manager and Remote Pilot in Command. HDR's task was to deliver routine visual and element-level assessments of targeted components on both suspension spans, leveraging unmanned-aircraft technology to supplement traditional rope-access methods. Since 2015, HDR has supported the Golden Gate Bridge, Highway and Transportation District in maintaining one of the world's most recognizable structures, verifying every inspection meets the stringent federal mandates that govern major bridges. Federal guidelines require the District to cycle through comprehensive inspections of each bridge element, with fracture-critical members, steel tension components whose failure could trigger partial or total collapse, receiving special attention. Because the bridge's under-deck traveler system was being replaced during the 2021 cycle, our team had to reach the entire underside exclusively with rope access. That effort covered 261 floorbeams—nearly nine miles of rope traversing—400,000 square feet of steel deck, roughly 13,000 feet of stiffening trusses that demanded 514 vertical descents, and more than 4,000 deck-support pedestals. To improve efficiency and safety, Carlos integrated drone-augmented inspection into the 2021 campaign. The UAVs captured high-resolution imagery of the underside, which was fed directly into newly developed inspection reports aligned with existing baseline data. Comparisons revealed unexpectedly strong correlation and, in several cases, richer detail than conventional methods alone could provide. On the strength of those results, the District has scheduled additional drone-supported inspections for future cycles, positioning UAV technology as a permanent asset in preserving the Golden Gate Bridge.
01/10 – 12/12	Crosstex, Pipeline Surveys, Louisiana & Texas, USA. Various Roles. Before his role at HDR, Carlos held several leadership positions at John Chance Land Surveys, Inc. (FUGRO), including VP, COO, and President. Leveraging his extensive onshore-pipeline experience, Carlos managed a multifaceted project that combined aerial LiDAR collection with the coordination of survey and environmental field crews. His team delivered the full spectrum of preliminary civil and construction staking, compiled aerial LiDAR and imagery datasets, produced as-built surveys, and generated right of way (ROW) and permit plats, alignment sheets, and wetland delineations. They also conducted threatened-and-endangered-species surveys and secured key authorizations, including mitigation plans, DOTD driveway and crossing permits, and wetland permits from the U.S. Army Corps of Engineers' Galveston and New Orleans Districts, ensuring the pipeline proceeded on schedule and in full regulatory compliance.

Firm employed by HDR Engineering, Inc.				
Name	Jessica Forbes		Years of relevant experience with this employer	7
Title	Architectural Historian		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		MA / 2007 / History/Public History BA / 2005 / History		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Architectural Historian (Meets MPR 7) - conduct standing structures and built environment survey, documentation of structures to determine NRHP eligibility		
Jessica's expertise includes conducting architectural resources surveys and evaluations per Section 106 of the National Historic Preservation Act, with a focus on transportation-related projects. She meets the requirements of the Secretary of the Interior as a qualified architectural historian with a Master's Degree and two years of experience. Her experience includes archival research, completing reconnaissance- and intensive-level architectural resources surveys, National Register of Historic Places (NRHP) eligibility assessments and nominations, Historic American Buildings Survey/Historic American Engineering Record (HABS/HAER) documentation and photography, and authoring historic contexts and survey reports for Section 106 and National Environmental Policy Act (NEPA) compliance projects. Jessica's survey experience includes linear resources; commercial, residential, and transportation-related buildings and structures; and the evaluation of potential visual effects of proposed communications, energy, and transportation projects on historic properties.			Benefit to LADOTD: • Experience in Louisiana for project efficiencies • In-depth experience with HABS/HAER documentation	
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 years of experience specified in the applicable MPR(s).			
01/19–02/19	Canadian National Railway, Bonnet Carré Spillway, Baton Rouge, LA. Architectural Historian QA/QC. Jessica reviewed and provided comments for the final draft of the HAER Level II documentation of the NRHP-eligible, 11,748-foot-long timber trestle Bonnet Carré Spillway Bridge.			
07/23–06/24	Sempra, Louisiana Connector Pipeline, Cameron, Calcasieu, and Beauregard Parishes, LA. Architectural Historian. Jessica planned and conducted the architectural resources field survey, completed archival research, assisted in preparing LHRI forms, and authored portions of the combined archaeological and architectural resources survey report.			
02/20–05/20	Norfolk Southern, HAER Documentation of the Steel Truss Bridge at Milepost 183.50, Pearl River County, MS, and St. Tammany Parish, LA. Architectural Historian. Jessica completed HAER documentation, including coordinating with a large-format photographer, developing the written history for the bridge, compiling HAER Level III documentation, and coordinating with the NPS Regional Office in Atlanta. The HAER report was submitted to the Vicksburg District, USACE, to satisfy mitigation requirements for the historic bridge's removal and replacement.			
09/19–06/21	Norfolk Southern, Bridge Rehabilitation Mitigation, Ross County, OH. Architectural Historian. Jessica completed the initial survey report for Bridge 647.74 and supported the development of an MOA between the Ohio History Connection (SHPO), USACE, and Norfolk Southern. Jessica completed HAER documentation of the NRHP-eligible stone arch and concrete bridge over Stony Creek, including a site visit to the bridge with a large-format photographer, development of the written history, compilation of the HAER Level III documentation, and coordination with the NPS Regional Office in Omaha, Nebraska. The HAER report was submitted to USACE Huntington, Ohio History Connection, and the State Library of Ohio to satisfy mitigation requirements for repairs to the historic bridge.			
03/22–10/22	FHWA-CFLHD, Ponderosa Way Bridge Replacement Project Mitigation, Placer County, CA. Architectural Historian. As part of the mitigation of adverse effects for the proposed replacement of a U.S. Bureau of Reclamation-owned bridge in the			

	Auburn State Recreation Area, HDR completed Level II HAER documentation of a 1935 pony truss bridge that carries Ponderosa Way over the American River. Jessica conducted a site visit to the bridge with a large-format photographer and compiled the HAER report. The HAER documents were reviewed by the NPS San Francisco Regional Office. Jessica also coordinated the production of an interpretive plaque to be installed at the bridge site and co-wrote the plaque's copy.
07/22–02/25	South Carolina Department of Transportation (SCDOT), Closed and Load Restricted Bridge (CLRB) Projects, Multiple Counties, SC. <i>Architectural Historian.</i> HDR provided cultural resources support for 23 SCDOT CLRB projects in eight counties. Jessica identified and evaluated historic-age architectural resources within the area of potential effects (APE) for these projects and has evaluated newly recorded resources for NRHP eligibility. She also authored portions of the combined archaeological and architectural resources survey report.
11/22–09/23	SCDOT, US 301 Bridge Replacement, Allendale County, SC, and Screven County, GA. <i>Architectural Historian.</i> HDR provided the cultural resources survey for the proposed replacement of the US 301 bridge over the Savannah River. Jessica conducted an architectural resources field survey and archival research to develop a historical context for US 301 and Burton's Ferry, which date to Georgia's British colonial period. Recorded architectural resources included a 1937 steel through truss bridge with a movable (swing) span and the original US 301 alignment.
11/21–12/22	Missouri Department of Transportation (MoDOT), IH 70 Corridor Improvements, Jackson County, MO. <i>Architectural Historian.</i> HDR provided cultural resources support for the Second Tier EIS Re-evaluation of the IH 70 Corridor Improvements Project. During the architectural resources survey, HDR recorded a total of 232 architectural resources in the survey area, which extends along a 3.85-mile-long segment of IH 70. Jessica planned and managed the architectural resources field survey and reporting, which was conducted with the support of three additional architectural historians. She also conducted archival research and authored sections of the joint architectural and archaeological survey report.
08/21–09/22	Southeast Arkansas Economic Development District (SEAEDD), Track Rehabilitation, East Carroll and Madison Parishes, LA. <i>Architectural Historian.</i> HDR conducted a cultural resources survey for the proposed partial rehabilitation of the 91.3-mile Tallulah- McGehee short-line rail corridor. Jessica conducted the architectural resources survey for the project, recording 22 historic-age architectural resources in the field; conducted research at the Main Branch of the Ouachita Parish County Library; and authored portions of the survey report related to history and architectural history.
09/20–12/22	CSXT, Bridge Replacement Mitigation, Brantley County, GA. <i>Architectural Historian.</i> CSXT proposed replacing the superstructure of a cast-in-place concrete flat-slab bridge built in 1900. The bridge (Milepost A570.90) was determined eligible as a contributing resource to the NRHP-eligible Atlantic Coast Line Railroad system, resulting in a finding of adverse effect to historic properties. Jessica completed the initial survey report and supported the development of a Memorandum of Agreement (MOA) between the Georgia Division of Natural Resources (SHPO), USACE, and CSXT. She also prepared and submitted HAER documentation of the structure in coordination with the MOA parties and National Park Service (NPS) Atlanta Regional Office.

Firm employed by HDR Engineering, Inc.			
Name	Brett Geesey, PE		Years of relevant experience with this employer
Title	Louisiana/Mississippi Area Operations Manager; Vice President		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2005 / Mechanical Engineering ME / 2006 / Ocean Engineering	
Active registration number / state / expiration date		PE.0035172 / LA / 3-31-2028	
Year registered	2009	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Project Principal – work with the project manager to verify adequate resources are available for project success and resolve project issues	
Brett serves as HDR's Louisiana Principal, overseeing the overall operations of HDR's offices in Metairie, Baton Rouge, and Lafayette. He manages a team of engineers and scientists and has experience managing and designing various engineering projects. He has also implemented projects ranging from feasibility studies through applied design, preparation of detailed plans and specifications, and provided construction administration.			Benefit to LADOTD: • Based in Lafayette, LA • Extensive experience in Louisiana
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 years of experience specified in the applicable MPR(s).		
10/22–Ongoing	LADOTD, Bridge Preservation IDIQ – LA 577 at I-20 Repair PS&E, Waverly, LA. <i>Project Principal</i>. HDR is providing as-needed services for various bridge preservation-related services. Task orders have included repair plans for a bridge damaged during a vehicular accident and a task order to develop an optimization tool for developing layout and bridge configuration. For each task order, Brett works with the task order manager to develop the scope, schedule, and budget and to identify the resources required to deliver the task order.		
08/23–Ongoing	Port of New Orleans, Movable Bridge Inspection On-Call Contract, New Orleans, LA. <i>Project Principal</i>. HDR provides as-needed inspection and load rating services for two bridges under the Port of New Orleans authority. Task orders have included annual inspections for the Seabrook and Almonaster bridges. For each task order, Brett works with the task order manager to develop the scope, schedule, and budget, and to identify the resources required to deliver it.		
07/19–03/24	LADOTD, Statewide In-Depth Complex Bridge Inspections, Statewide, LA. <i>Project Principal</i>. HDR is a subconsultant supporting LADOTD's in-depth inspections of complex bridge structures. Brett worked with HDR's task order managers to review the scope, schedule, and budget, coordinated the required resources to complete the task orders, and assisted HDR's task order manager in providing quality services.		
05/21–Ongoing	Sewerage and Water Board of New Orleans (SWBNO), Internal and External Communications Support, New Orleans, LA. <i>Project Principal</i>. HDR provides SWBNO with communications support, including communications planning, protocol development, crisis communications support, content development, graphic design, website development, social media strategy, event coordination, and stakeholder management. Brett works closely with the project manager to provide the project with the resources it needs and supports internal project controls such as contracting, cost controls, and scheduling.		
07/23–06/24	Baton Rouge Water Company, Utility Network Data Migration, Baton Rouge, LA. <i>Project Principal</i>. Brett assisted the project manager in providing resources and overall project delivery. HDR assisted the Baton Rouge Water Company with migrating its existing utility network data into ESRI's UN data model.		
05/18–Ongoing	Lafayette Consolidated Government (LCG), LCG Drainage Initiative Project, Lafayette, LA. <i>Project Principal</i>. Brett works with the project manager to provide the necessary resources to deliver the project and oversees the management of the overall contract. HDR has provided LCG with wetland delineation services to assist them with their overall drainage initiative program.		

Firm employed by HDR Engineering, Inc.			
Name	Joseph "Josh" Haefner, RPA		Years of relevant experience with this employer
Title	North Texas Archeology Section Lead		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BA / 1997 / Anthropology MA / 2011 / Anthropology	
Active registration number / state / expiration date		RPA 4574 / US / 1-1-2027	
Year registered	2020	Discipline	N/A
Contract role(s) / brief description of responsibilities		Principal Investigator (Meets MPR 3) - oversee management of task orders, lead archeological field teams, author reports, and conduct archaeology surveys	
Josh has over 20 years of experience in archaeological investigations, including work on similar contracts for the Oklahoma Department of Transportation (ODOT) and the Texas Department of Transportation (TxDOT). He has experience with Native American consultation and Impact Evaluations for pipeline, transmission line, fiber-optic line, public and private development, and highway projects. Josh meets the Secretary of the Interior's Professional Qualification Standards for Archeology (CFR Part 61) as defined in Title 13, Part II of the Texas Administrative Code, Chapter 26. Josh has completed the Section 106 of the National Historic Preservation Act course by the Advisory Council on Historic Preservation.			Benefit to LADOTD: Has over 20 years' experience, including roles as project archeologist, principal investigator, and/or project manager on DOT projects, including survey, testing, and data recovery projects similar in scope to those that may be assigned under this contract.
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 years of experience specified in the applicable MPR(s).		
04/24–Ongoing	Palo Pinto County Municipal Water District 1, Turkey Peak Reservoir, Palo Pinto and Parker Counties, TX. <i>Principal Investigator/Senior Archeologist/Lithic Analyst</i>. For the eligibility testing component of this project, Josh supervised field, lab, and analysis work and co-authored the draft and final reports, assessing the potential effects of the project on resources eligible for listing in the National Register of Historic Places and recommending the level of mitigation efforts, where warranted. In the current data recovery project phase, he is leading cost estimation, developing the research design, and verifying compliance with Section 106 and the Antiquities Code of Texas. Josh is supervising fieldwork, including feature documentation using traditional methods, as well as photogrammetry and archaeomagnetometry sampling of burned rock features; leading regulatory coordination; and assisting with client communications.		
05/25–Ongoing	Oklahoma Department of Transportation (ODOT), Cultural Resources IDIQ, Statewide OK. <i>Project Manager</i>. Josh is overseeing archeological and built environment assignments, including archeological survey supplemented with shovel testing and hand-auguring, as well as standing-structure evaluations for three bridge facility replacement projects and associated road widening at the approaches. Josh supervised and co-authored draft and final reports in accordance with ODOT specifications for Section 106 compliance.		
05/20–04/24	TxDOT Environmental Division, Statewide Archeological Survey Services IDIQ, Statewide, TX. <i>Project Manager/Project Archaeologist</i>. Josh oversaw more than 40 archaeological background studies and archeological survey projects for Section 106 and Antiquities Code of Texas Projects. In addition to supervising field and deliverable preparation, Josh intermittently served as a field/project archeologist, lead author, and/or co-author of draft and final reports, making recommendations regarding NRHP eligibility of any new or previously unassessed resources , identifying potential affects of the project to resources eligible for listing in the National Register of Historic Places and recommending level of mitigation efforts where warranted .		
12/21–04/24	TxDOT Environmental Division/Atlanta, Tyler, and Beaumont Districts, Statewide Archeological General Services IDIQ, Statewide, TX. <i>Project Manager</i>. Josh was the primary point of contact for three work assignments under this contract. He supervised requisite post-field artifact analyses and updates to the data recovery reports begun by another cultural		

	resource firm. On the third contract, he supervised the preparation of a geophysical survey of a potential cemetery site. Josh confirmed work was conducted to comply with Section 106 and the Antiquities Code of Texas.
03/17–12/19	Northeast Texas Regional Mobility Authority (NETRMA), Toll 49 Segment 4 Data Recovery and Additional Investigations, Smith County, TX. <i>Project Manager/Principal Investigator.</i> Josh developed the cost estimate and research design for this project, intended to coordinate mitigation efforts for project effects on archeological resources eligible for listing in the National Register of Historic Places. He supervised field data recovery investigations as the principal investigator, determined and implemented methodologies for feature excavation and burial, and grave goods exhumation. He was the lead author of the investigation's interim reports and the point of contact for coordination with the THC and TxDOT's Archeology Division. Additionally, as part of outreach efforts, Josh co-presented the fieldwork results to the North Texas Archeological Society and co-authored an article on the fieldwork published in the Caddo Archeology Journal.
01/17–04/17	TxDOT Tyler, Toll 49 Segment 4, Lindale, TX. <i>Principal Investigator.</i> Josh supervised the intensive archaeological survey of the area of potential impact, totaling 70.04 acres, for the Toll 49 interim facility, a new roadway project. During the investigations, 103 shovel tests were excavated; 100 were negative for cultural materials. This work included a revisit to Site 41SM388, determined eligible as a State Antiquities Landmark and for the National Register, to conduct mechanical auger probing to determine if any eligible components of this site existed within the proposed right of way of the Toll 49 alignment. Josh co-authored the report, which the THC concurred with, recommending no potential to affect eligible or potentially eligible properties.
10/16–01/18	City of Austin, Oakwood Chapel Data Recovery and Exhumation Project, Travis County, TX. <i>Principal Investigator.</i> Josh supervised archeological services for the proposed restoration of the historically significant Oakwood Cemetery Chapel. As a listed National Register resource, located in a Texas Historic Cemetery, and as a City of Austin Historic Landmark Site, the THC initially required archeological monitoring of activities with the potential to disturb unmarked burials. During monitoring, 23 unmarked graves were encountered within the chapel interior. As impacts to these interments were unavoidable, Josh oversaw data recovery excavations designed to mitigate adverse impacts to eligible resources. He also authored the final report coordinating results of mitigation efforts to resources with the THC.
01/16–03/16	TxDOT Yoakum, FM 457 Swing Bridge Replacement, TX. <i>Senior Archeologist. Senior Archeologist.</i> Josh authored the Archeological Resources Background Study for this project. The FONSI for the proposed project was issued by TxDOT.
04/15–05/15	TxDOT Dallas, I-35 West, Denton County, TX. <i>Principal Investigator and Project Manager.</i> In support of a Categorical Exclusion document, work for this project included preparation of a background study and an intensive archeological survey in support of TxDOT's proposed improvements to I-35W from Eagle Parkway to SH 114. Investigations for the archeological survey consisted of a pedestrian survey of approximately 56.5 acres, supplemented by 51 shovel tests and seven mechanical backhoe trenches. Josh authored the background study , supervised the field investigations, and co-authored the final report with THC concurrence on a recommendation of no potential to affect received.
07/14–09/14	TxDOT Pharr, US 281 Expansion Intensive Archeological Survey, Brownsville, TX. <i>Principal Investigator.</i> Josh authored the background study and supervised the intensive linear survey and assessment of potential impacts to adjacent cemeteries, including monitoring mechanical scraping to confirm the absence of unmarked graves at the Montemayor/San Pedro Cemetery, for the proposed road expansion. He co-authored the final report with the THC, concurring on a recommendation of no potential to affect.
02/14–03/14	TxDOT Beaumont, Neches River Bridge from Archie Street to Old US 90, Jefferson and Orange Counties, TX. <i>Principal Investigator.</i> Josh authored the archeological resources background study , supervised the archeological survey of 4.92 acres of new and existing right of way for the proposed bridge replacement project, and co-authored the report of the investigations. TxDOT determined that this project will have no effect on archaeological historic properties.

Firm employed by HDR Engineering, Inc.			
Name	Marcus Huerta		Years of relevant experience with this employer
Title	Architectural Historian		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / 2018 / Architecture BA / 2014 / Organizational Development	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Historian (Meets MPR 5) - conduct standing structures and built environment survey, documentation of structures to determine NRHP eligibility	
Marcus has eight years of experience in historical studies focused on the built environment and meets the Secretary of the Interior's qualifications for architectural history. He has a Master of Science in Architecture with a certificate in Historic Preservation, including courses in American architectural history. Studies included coursework in American architectural and metropolitan history, historic preservation law, historic construction materials, and historic preservation methods. Marcus specializes in site surveys, National Register of Historic Places (NRHP) evaluations and nominations, Historic American Buildings Survey (HABS) documentation, and historic structure reports. He has submitted compliance reports to 13 State Historic Preservation Offices, including the Louisiana State Historic Preservation Office, and worked with state DOTs, the U.S. Army Corps of Engineers, various public agencies, and private developers.			Benefit to LADOTD: • Previous experience in Louisiana for project efficiencies • Specialized experience as an 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 years of experience specified in the applicable MPR(s).		
01/26–Ongoing	Entergy Services, Entergy Babel to Webre Transmission Line Project, Various Locations, LA. Architectural Historian. Marcus conducted background research on architecture and is conducting a field survey for a proposed 100-mile transmission line from Baton Rouge to the Texas state line.		
11/25–Ongoing	New Orleans Regional Transit Authority (NORTA), Streetcar System Modernization Master Plan Existing Conditions Report, New Orleans, LA. Architectural Historian. Marcus contributed analysis of the cultural resource regulatory environment, including overviews of Section 106 of the National Historic Preservation Act, the Rail ROW Program Comment, and the National Environmental Policy Act. Marcus also conducted background research on the National Register of Historic Places-listed and National Historic Landmark St. Charles Line in New Orleans.		
09/25–Ongoing	Oklahoma Department of Transportation, Cultural Resources IDIQ, Statewide OK. Architectural Historian. Following the issuance of the contract's first two task orders, two survey reports related to DOT bridge replacement projects are in process. Marcus is providing analysis and reporting of built environment resources within the project study areas.		
06/23–06/24	Sempra, Louisiana Connector Pipeline, Cameron, Calcasieu, and Beauregard Parishes, LA. Architectural Historian. Marcus conducted background research on the study area, formulated the investigation's proposed Section 106 area of potential effects (APE), prepared a historic context statement, and reported results for 11 surveyed resources. Marcus recommended the Union Pacific Railroad (LHRI 10-06823) and the Kansas City Southern Railroad (LHRI 10-06827) for listing in the National Register of Historic Places, which was subject to review by the Louisiana State Historic Preservation Office. The Louisiana State Historic Preservation Office concurred with the recommendations.		
09/24–12/24	TxDOT Dallas District, Kaufman County Outer Loop From SH 205 to IH 20, Kaufman County, TX. Architectural Historian. Marcus conducted background research on the study area, formulated the investigation's proposed Section 106 APE, conducted a reconnaissance field survey of 74 buildings and six bridges, prepared a historic context, and reported on		

	the findings, including NRHP recommendations. Marcus conducted follow-up intensive research on an agricultural complex slated for acquisition.
01/24–04/24	Nebraska Department of Transportation, Built Environment Resources Survey for the US-81 York – Columbus Project, York, Polk, and Butler Counties, NE. <i>Architectural Historian</i>. Marcus conducted background research on the study area, formulated the investigation's proposed Section 106 APE, conducted a field survey of 535 buildings and four bridges, prepared a historic context, and reported on the findings, including NRHP recommendations.
08/23–11/23	Alaska Railroad Corporation, MP 422.9 Bridge Replacement Project, Fairbanks, AK. <i>Architectural Historian</i>. Marcus conducted background research of the bridge, formulated the investigation's proposed Section 106 APE, performed a field survey of the bridge and field research of the railroad, prepared a historic context, and reported on the findings, which included an NRHP recommendation of the bridge.
06/23–09/23	Norfolk Southern Railway Company, Architectural Resources Investigation for the Voorheesville Running Track Project, NS Keystone Division, Albany and Schenectady Counties, NY. <i>Architectural Historian</i>. Marcus conducted background research of the 40 railroad bridges and culverts, formulated the investigation's proposed Section 106 APE, performed a field survey of the bridges and field research of the area's transportation infrastructure, prepared a historic context, and reported on the findings, which included NRHP recommendations of the bridges and culverts.
02/23–03/23	Union Pacific Railroad, Intensive Cultural Resources Survey of the UPRR Bridge 58.33 Livonia Subdivision Replacement Project, St. James Parish, LA. <i>Architectural Historian</i>. Marcus conducted background research of the bridge, formulated the investigation's proposed Section 106 APE, performed a field survey of the bridge and field research of the railroad, prepared a historic context, and reported on the findings. As a result of the survey, Marcus recommended that the bridge not be eligible for the National Register of Historic Places, which was subject to review by the Louisiana State Historic Preservation Office , which concurred.

Firm employed by HDR Engineering, Inc.			
Name	Ann Keen		Years of relevant experience with this employer
Title	Senior Architectural Historian / Project Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MA / 2007 / Art History BS / 2001 / Art History	
Active registration number / state / expiration date		FRA RWP 92236 / US / 01.07.2027	
Year registered	2025	Discipline	Federal Railroad Administration Roadway Worker Protection (FRA RWP)
Contract role(s) / brief description of responsibilities		Historian (Meets MPR 6) – prepare HABS/HAER/HALS documentation and conduct built environment survey	
Ann has experience in historical studies with a particular emphasis on the built environment. She exceeds the Secretary of the Interior's Professional Qualification Standards for history and architectural history. Her experience includes field surveys, National Register of Historic Places (NRHP) eligibility evaluations and seven nominations, Section 106 and Section 4(f) compliance, agency and consulting party coordination, agreement documents, and Historic American Buildings Survey (HABS) and Historic American Engineering Record (HAER) documentation.			Benefit to LADOTD: • In-depth experience with Louisiana compliance process • Section 106 expertise from initiation through mitigation • Experience with various types of road-related resources
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 years of experience specified in the applicable MPR(s).		
09/25–03/26	Alaska Railroad Corporation (ARRC), Hurricane Gulch Bridge HAER Documentation, Matanuska-Susitna Borough, AK. Project Manager. Ann oversaw the preparation of HAER documentation of the 1921 deck spandrel steel arch bridge in addition to providing subject-matter expertise and quality control for the submittal.		
09/25–03/26	ARRC, Mears Memorial Bridge HAER Documentation, Nenana, Yukon-Koyukuk Census Area, AK. Project Manager. Ann oversaw the preparation of the HAER documentation for the 1923 through-truss bridge, in addition to providing subject-matter expertise and quality control for the submittal.		
12/24–04/25	New York City Department of Sanitation, Bronx District 9-10 and 11 Garage Documentation, The Bronx, NY. Architectural Historian. Ann documented a 1933–1934 incinerator and a 1938 garage for the New York State SHPO (same as HABS documentation, except for large-format photography) in advance of demolition. She completed the high-resolution photography, historical narrative, and archival research for the submittal.		
10/24–10/25	Metropolitan Transportation Authority, Long Island Rail Road River Avenue Bridge Documentation, Suffolk County, NY. Architectural Historian. Ann documented the 1906–1907 steel beam bridge for the New York State SHPO (similar to HAER documentation, except for large-format photography) in advance of the bridge's replacement. She completed the high-resolution photography, historical narrative, and archival research for the submittal.		
06/23–07/23	UPRR, Lake Charles Subdivision MP 657.37 Bridge Investigation, Allen Parish, LA. Architectural Historian. Ann recorded the 1926 timber stringer bridge on a Louisiana Historic Resources Inventory (LHRI) form, evaluated it for NRHP eligibility, and assessed the bridge's viewshed for potential additional historic resources in advance of bridge replacement.		
10/22–11/23	UPRR, Bridge 32.42 HAER Documentation, Fort Bend County, TX. Architectural Historian. Ann co-authored the HAER documentation and coordinated the submittal, including historical narrative, drawings, and large-format photographs.		
10/22–04/23	Missouri Department of Transportation, Chester Bridge Documentation, Perry County, MO, and Randolph County, IL. Architectural Historian. Ann documented the 1942/1946 Warren truss bridge for the Missouri SHPO (the same as HAER		

	documentation, except for large-format photography) in advance of bridge improvements. She completed the high-resolution photography, historical narrative, and archival research for the submittal.
04/21–09/21	Canadian National Railway/Illinois Central Railroad, Baton Rouge Subdivision MP 431 Bridge Cemetery Investigation, St. Charles Parish, LA. <i>Architectural Historian</i>. Ann conducted research on a Civil War-era cemetery that may be depicted in a ca. 1863 photograph in the vicinity of a bridge replacement project.
04/17–11/17	Canadian National Railway/Illinois Central Railroad, Bonnet Carre Spillway, Baton Rouge, LA. <i>Architectural Historian</i>. Ann conducted the NRHP evaluation of the 1934–1935 bridge, including an airboat survey. She completed a field survey and archival research and authored the historical narrative for the HAER documentation.
07/15–08/17	New York State Thruway Authority/New York State Department of Transportation, Tappan Zee Bridge Mitigation Documents, Tarrytown, NY. <i>Architectural Historian</i>. Ann co-authored the HAER documentation and coordinated the submittal, including drawings and large-format photographs. Ann also authored associated interpretive materials.
09/14–09/21	Northwest Louisiana Council of Governments, Cultural Resources Survey of the Proposed LA 3132 (Inner Loop) Extension Project, Caddo Parish, LA. <i>Architectural Historian</i>. Ann conducted the architectural resources survey for the project, which included documentation and NRHP evaluation of five semi-rural properties.
10/13–02/14	Canadian Pacific Railway, Soo Line Swing Bridge J-355.21, Oslo, MN. <i>Architectural Historian</i>. Ann authored the HAER documentation of the 1905–1906 through truss swing bridge in advance of emergency repairs.
04/13–10/14	Coastal Protection and Restoration Authority, Mid-Barataria Sediment Diversion Project Cultural Resources Survey, Plaquemines Parish, LA. <i>Architectural Historian</i>. Ann reviewed English and French primary and secondary source materials and authored the historic context of St. Rosalie, a sugar plantation in Plaquemines Parish.

Firm employed by HDR Engineering, Inc.			
Name	Caroline Knowlton		Years of relevant experience with this employer
Title	Project Archeologist		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / 2024 / Forensic and Biological Anthropology BS / 2021 / Anthropology	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Archaeologist – conduct archeological site testing and prepare documentation	
Caroline has experience in pre- and post-contact archaeology in North America and Europe. She has experience in field and lab techniques, including artifact analysis and curation. She has conducted complex local, state, and federal cultural resources projects, including desktop review and Environmental Impact Studies, and has participated in and led intensive cultural resources surveys and data recovery efforts. Caroline qualifies for the Secretary of the Interior's Standards and Guidelines for Archaeology. Her experience with archaeological surveys provides lessons learned for a wide variety of transportation projects.			Benefit to LADOTD: • Louisiana experience for project efficiencies • Extensive knowledge of and experience with human remains • Experience in NRHP eligibility testing and data recovery 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 years of experience specified in the applicable MPR(s).		
04/25–05/25	Sempra, Louisiana Connector Pipeline, Cameron, Calcasieu, and Beauregard Parishes, LA. Project Archaeologist. Caroline conducted a comprehensive desktop review of a variance request memorandum to identify known cultural resources in a proposed addition to the Area of Potential Effects, enabling a recommendation for archaeological fieldwork or mitigation.		
09/24–10/24	TxDOT Dallas, Kaufman County Outer Loop from SH 205 to IH 20, Kaufman County, TX. Project Archeologist. Caroline assisted with a Phase I archaeological survey involving shovel testing to identify and evaluate cultural resources in advance of highway construction. She co-authored the Archaeological Survey Report for this project.		
06/25–04/26	Williamson County, Liberty Hill Bypass West Project, Williamson County, TX. Project Archaeologist. Caroline led a linear Phase I archaeological survey, including shovel testing and mechanical trenching, to identify and evaluate cultural resources prior to construction. She authored the Archaeological Survey Report for this project.		
09/25–04/26	Williamson County, Robinson Ranch Road Project, Williamson County, TX. Project Archaeologist. Caroline assisted with a linear Phase I archaeological survey, including shovel testing to identify and evaluate cultural resources prior to construction. She co-authored the Archaeological Survey Report for this project.		
06/25–04/26	TxDOT Austin/Central Texas Regional Mobility Authority (CTRMA), US 290 Extension Project, Travis and Bastrop Counties, TX. Project Archaeologist. Caroline conducted an Archaeological Background Study to identify known cultural resources, soils, and geology within and around the Area of Potential Effects, to inform a recommendation for archaeological fieldwork. Additionally, she prepared a scope of work for the Texas Antiquities Permit Application for the upcoming archaeological survey.		
09/24–05/25	Camino Real Regional Mobility Authority/EI Paso County Transit, New Transit and Operations Maintenance Facility Project, El Paso, TX. Project Archeologist. Caroline assisted with an aerial Phase I archaeological survey, including shovel testing to identify and evaluate cultural resources prior to construction. She authored the Archaeological Survey Report for this project.		
08/24–04/26	Palo Pinto County Municipal Water District 1, Turkey Peak Reservoir, Palo Pinto County, TX. Project Archaeologist. Caroline assisted with NRHP eligibility testing, excavations, and mapping, including burned rock and faunal features.		

	Caroline assisted in the analysis of the faunal remains assemblage and co-authored the NRHP eligibility testing report. Caroline is currently assisting with ongoing data recovery excavations for this project.
05/25–07/25	TxDOT Austin, University of Texas SMARTTrack Project, Travis County, TX. Project Archaeologist. Caroline conducted a comprehensive desktop review as part of a constraints and permitting analysis to identify known cultural resources, soils, and geology within and around the Area of Potential Effects, enabling a recommendation for archaeological fieldwork.
07/24–02/25	City of Austin, Austin Light Rail Phase 1 Project, Travis County, TX. Project Archaeologist. Caroline assisted with a linear Phase 1 survey, including shovel testing to identify and evaluate cultural resources prior to construction. She assisted with archival research for the Archaeological Survey Report.
12/25–01/26	City of San Marcos, Pat Garrison Street Project, Hays County, TX. Project Archaeologist. Caroline conducted a comprehensive desktop review to identify known cultural resources, soils, and geology in and around the project area, enabling a recommendation for archaeological fieldwork or mitigation.
01/26–02/26	Williamson County, Schultz Lane Project, Williamson County, TX. Project Archaeologist. Caroline conducted a comprehensive desktop review to identify known cultural resources, soils, and geology in and around the project area, enabling a recommendation for archaeological fieldwork or mitigation.
05/25–06/25	Union Pacific Railroad, Hoskins Junction Yard Expansion Project, Brazoria County, TX. Project Archaeologist. Caroline conducted a comprehensive desktop review to identify known cultural resources, soils, and geology in and around the project area, enabling a recommendation for archaeological fieldwork or mitigation.

Firm employed by HDR Engineering, Inc.			
Name	Daniel Leard, RPA		Years of relevant experience with this employer
Title	Louisiana Gulf Coast Archaeology Team Lead		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MA / 2004 / Anthropology with an Archaeology Specialization BA / 2001 / Anthropology	
Active registration number / state / expiration date		RPA 990254 / US / 12/31/2026	
Year registered	2014	Discipline	N/A
Contract role(s) / brief description of responsibilities		Principal Investigator (Meets MPR 4) - oversee management of task orders, lead archeological field teams, author reports, and conduct archaeology surveys	
Daniel has 21 years of experience in cultural resource management, covering surveys, site testing, data recovery, lab analysis, monitoring, and technical reporting for archaeological projects. Daniel brings a broad range project experience including excavations at a late Bronze Age cemetery in Jordan, the Lospe prehistoric village site in California, and colonial and antebellum period sites in New Orleans, providing Section 106 support for the Gulf Coast for the MC 252 Oil Spill Response, and surveying over 100,000 acres in New Mexico's White Sands Missile Range. Daniel holds a master's degree in Anthropology with a specialization in archaeology. His thesis, entitled "Ideology and Social Complexity in the Peruvian Highlands During the Chavín Horizon," compared burial data from different archaeological sites to understand regional cultural developments. Daniel meets the archaeologist qualifications published in the Louisiana Administrative Code Title 25 and the Secretary of the Interior's Professional Qualification Standards for Archaeology.		Benefit to LADOTD: • Based in Metairie, LA for quick response to LADOTD needs • Extensive experience leading cultural resources projects • Specialized experience in prehistoric site evaluations and historic artifact analysis	
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 years of experience specified in the applicable MPR(s).		
01/26–Ongoing	Entergy Services, Entergy Babel to Webre Transmission Line Project, Various Locations, LA. <i>Principal Investigator.</i> Daniel is currently leading a crew of archaeologists and historians for a cultural resources survey of a proposed 160-mile transmission line from Webre to the Texas state line. The project requires a Section 404 permit with USACE, which is subject to Section 106 of the NHPA. Fieldwork included systematic shovel testing, deep auger testing, and architectural survey. Daniel is conducting background research, directing field efforts, coordinating with agencies, and preparing reports.		
03/24–04/25	Sempra Energy, Texas Connector Pipeline Amendment Project, Jefferson and Orange Counties, TX. <i>Principal Investigator.</i> Daniel led a crew of archaeologists and historians for a cultural resources survey of 39.3 miles of proposed pipeline, access routes, and associated facilities totaling approximately 1,910 acres. The project was overseen by the FERC and was subject to Section 106 of the NHPA. Fieldwork included systematic shovel testing and architectural survey. Daniel conducted background research, directed field efforts, coordinated with agencies, and prepared reports.		
03/24–08/24	Sempra Energy, Louisiana Connector Pipeline Project, Cameron, Calcasieu, and Beauregard Parishes, LA. <i>Principal Investigator.</i> Daniel provided review and quality control for the cultural resources report, managed Section 106 consultation with the LA SHPO and federally recognized tribes, coordinated with FERC and Sempra's environmental management staff, and provided on-call support for unanticipated discoveries found during project construction.		
09/22–09/23	Alaska DOT, Sterling Highway MP 45 to 60 Sqiłantnu Data Recovery Project, Kenai County, AK. <i>Field Director.</i> Daniel provided Section 106 support for a highway realignment project with the Alaska DOT within lands managed by the USFS and the State of Alaska. Fieldwork included systematic testing and excavation at a series of known habitation sites within the Sqiłantnu Archaeological District on the Kenai Peninsula. Daniel oversaw data recovery excavations of prehistoric house-pit and storage-pit features.		

09/21–02/24	Sentinel Test Program, Vandenberg Space Force Base (VSFB), Lompoc, CA. <i>Field Director</i>. In cooperation with Space Launch Delta 30, U.S. Space Force, VSFB, and the U.S. Air Force Nuclear Weapons Center, Daniel provided Section 106 support for modifications to existing infrastructure at VSFB at two existing Minutemen launch facilities as part of the Sentinel Test Program. Daniel was the field director for data recovery investigations at CA-SBA-512, the ethnohistoric Chumash village of Lospe, and CA-SBA-760. Data recovery included excavation-unit sampling of shell midden features, laboratory analysis of lithic and faunal artifacts and botanical samples, collection of samples for radiocarbon dating, and report preparation.
10/20–06/22	San Diego Gas and Electric (SDG&E), ETS 42129: Cameron Corners WMP Due Diligence Project, Cameron Corners, CA. <i>Principal Investigator</i>. Daniel led field surveys, monitoring, site testing, technical report preparation, implementation of an Archaeological Data Recovery Plan and Monitoring and Discovery Plan, and attended planning and tribal consultation meetings.
12/14–02/15	USACE Tulsa, Biological and Cultural Site Program, White Sands Missile Range Otero Maneuver Area Archaeological Site Testing, Otero County, NM. <i>Field Director</i>. Daniel assisted with data recovery excavations at 20 selected sites recorded during the Otero Maneuver Area cultural survey. Archaeological test units were excavated at hearths and other cultural feature locations. HDR systematically collected artifacts and faunal remains for further analysis; collected soil and charcoal samples for flotation analysis and radiocarbon dating. HDR collected ceramics for rim sherd index tests, clay and temper studies, and other testing.
11/12–02/14	USACE Tulsa, White Sands Missile Range (WSMR), Sierra, Otero, and Thurgood Maneuver Areas Cultural and Natural Survey, WSMR, NM. <i>Field Director</i>. Daniel completed cultural resources surveys and site evaluations for over 100,000 acres on White Sands Missile Range. Daniel led a team of 20 archaeologists to identify, record, and evaluate 607 archaeological sites. The study required biological surveys, cultural surveys, site protection markings, and boundary markers in three maneuver areas on the North Range of WSMR for the Army Test and Evaluation Command. The client rated the work as “Exceptional” on the Contractor Performance Assessment Report.
06/10–03/13	BP Exploration, MC252 Oil Spill Response, Gulf Coast Incident Management Team, LA, MS, AL, and FL. <i>Project Archaeologist</i>. Daniel provided field management of cultural resources across the four-state area of response. He assisted field coordination, research, report preparation, review of the Shoreline Treatment Recommendation, archaeological survey, QA/QC, and coordination with federal, state, tribal, and BP officials on compliance with the Section 106 process. Daniel was part of a team of over 30 archaeologists identifying and recording every archaeological site along the shores of Louisiana that could be affected by oil. Daniel recommended protective measures for cultural resources, provided cultural resource support, and monitored during project-related activities.
02/09–02/10	Housing Authority of New Orleans (HANO), Cultural Resource Investigations at the B.W. Cooper and Lafitte Housing Projects, New Orleans, LA. <i>Archaeological Crew Chief</i>. Daniel managed field investigations and laboratory analysis for Phase II investigations of a historic period site following the removal of the B.W. Cooper and Lafitte housing projects. Daniel led data recovery excavations of 19th-century foundations, well features, cisterns, habitations, and privies, and analyzed, cataloged, and curated the recovered artifacts.
05/08–09/08	Mississippi Department of Transportation (MDOT), Phase I Cultural Resources Survey Proposed Improvements to Mississippi State Route 07, Saturn Drive to Interstate 59, Hancock and Pearl River Counties, MS. <i>Project Archaeologist</i>. Daniel managed an archaeological survey related to the widening of MS State Route 7. A cultural resources survey was required by MDOT and included systematic shovel testing, pedestrian survey, and site delineation. The survey identified three buried precontact sites containing lithic and ceramic artifacts. Daniel led the field survey and managed artifact analysis and report preparation.

Firm employed by HDR Engineering, Inc.				
Name	Benjamin "Ben" Lipke		Years of relevant experience with this employer	4
Title	Senior Archaeologist/Project Manager		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		BA / 2005 / Anthropology		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Tribal Liaison - lead Tribal communications, assist in Tribal consultation efforts, and facilitate Tribal resource surveys, as needed		
Ben has worked with Tribes across the nation, including supporting Tribal relations and conducting Tribal surveys. Ben has successfully established close communication practices between multiple Tribal monitors, archaeologists, and construction crews to determine archaeological sensitivity and mitigate potential project impacts. He has experience establishing avoidance buffer recommendations for potential traditional cultural sites and other Tribal resources.			Benefit to LADOTD: - Indigenous relations experience facilitating fieldwork on diverse projects throughout the US - Louisiana experience for project efficiencies	
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 years of experience specified in the applicable MPR(s).			
03/26–03/26	NextEra Energy Resources, Carousel II and IV Wind Projects Due Diligence Tribal Pedestrian Survey, Kit Carson County, CO. Tribal Coordinator/Senior Archaeologist. Ben coordinated with interested Tribal Historic Preservation Offices to engage Tribal Cultural Specialists in conducting a due diligence survey of 117 wind turbine locations. Surveys covered a 300-ft radius around each location to identify and document Tribal cultural resources within the project footprint and to recommend appropriate avoidance buffers.			
01/26–01/26	NextEra Energy Resources, Dusty Rose II Wind Projects Due Diligence Tribal Pedestrian Survey, Kit Carson County, CO. Tribal Coordinator/Senior Archaeologist. Ben coordinated with interested Tribal Historic Preservation Offices to engage Tribal Cultural Specialists in conducting a due diligence survey of 90 wind turbine locations. Surveys covered a 300-ft radius around each location to identify and document Tribal cultural resources within the project footprint and to recommend appropriate avoidance buffers.			
05/24–05/24	NextEra Energy Resources, Panama Energy Solar Center Due Diligence Tribal Pedestrian Survey, Lancaster County, NE. Tribal Coordinator/Senior Archaeologist. Ben conducted a desktop review and developed an archaeological probability model to identify candidate locations for the Tribal pedestrian survey. He coordinated with the Tribal Historic Preservation Office and Tribal Cultural Specialist to conduct due diligence efforts to identify and document Tribal cultural resources within the project footprint and to recommend appropriate avoidance buffers.			
08/24–11/24	Palo Pinto County Municipal Water District 1, Turkey Peak Reservoir, Palo Pinto and Parker Counties, TX. Field Director/Senior Archaeologist. Ben led National Register of Historic Places eligibility testing of sites 41PP375, 41PP377, 41PP378, 41PP382, 41PP384, 41PP385, 41PP386, 41PP387, and 41PP388. He determined placement of shovel tests and 1x1m test unit locations based on artifact densities, diagnostic materials, and cultural features. Ben oversaw crew excavation methods and geospatial mapping, photo documentation, field notes, artifact retention, and NRHP eligibility recommendations for Phase III data recovery at six sites under Criterion D.			
05/23–06/23	NextEra Energy Resources, Wood Solar Project Due Diligence Tribal Pedestrian Survey, Wood County, WI. Tribal Coordinator/Senior Archaeologist. Ben conducted a desktop review and developed an archaeological probability model to identify candidate locations for the Tribal pedestrian survey. He coordinated with the Tribal Historic Preservation Office and			

	Tribal Cultural Specialist to conduct due diligence efforts to identify and document Tribal cultural resources within the project footprint and to recommend appropriate avoidance buffers.
08/22–09/22	TVA, Phase II Eligibility Assessment and Excavation of Multicomponent Site (40RE45), Roane County, TN. Field Director/Senior Archaeologist. Ben led a Phase II eligibility assessment of previously recorded site 40RE45 in advance of a proposed gas plant, solar panel, and battery storage project. He determined placement of shovel tests and 1x1m test unit locations based on artifact densities, diagnostic materials, and cultural features. Ben oversaw crew excavation methods and geospatial mapping, photo documentation, field notes, artifact retention, and NRHP eligibility recommendation of the site.
05/16–09/16	ExxonMobil/BP Alaska/ConocoPhillips/TransCanada, South Central Liquefied Natural Gas Pipeline Project, Coldfoot Camp, Yukon River Camp, and Healy Camp, AK. Crew Chief. Ben conducted a Phase I archaeological survey of the LNG pipeline project in coordination with an Alaska Native Cultural Advisor. He led Tribal coordination, crew safety, site identification, site assessment, site delineation, site forms, field notes, GPS mapping, navigation, paperwork, QA/QC, artifact retention, data QA/QC, data download, access coordination, daily progress reports, and next-day projections.
10/13–12/13	Kinder-Morgan, Tennessee Gas Pipeline Project Tribal Monitoring, Ramapough Lenape Nation in Sussex and Passaic County, NJ. Staff Archaeologist. Ben conducted backhoe monitoring during the construction of a natural gas pipeline. He led Tribal coordination, crew safety, site identification, site assessment, site delineation, site forms, field notes, GPS mapping, navigation, paperwork QA/QC, artifact retention, data QA/QC, data download, access coordination, daily progress reports, and next-day projections.

Firm employed by HDR Engineering, Inc.			
Name	Rocío López Cabral, PhD, RPA		Years of relevant experience with this employer
Title	Project Archeologist		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		PhD / 2024 / Anthropology MA / 2018 / Archaeology BA / 2015 / Anthropological Sciences	
Active registration number / state / expiration date		RPA 5915 / US / N/A	
Year registered	2024	Discipline	N/A
Contract role(s) / brief description of responsibilities		Geoarchaeologist – conduct soil geomorphology studies to assess archaeological integrity	
Rocío has 13 years of research experience across multiple fields, including laboratory and report development. Her experience also includes South American archaeology, geoarchaeological analyses, field and laboratory work, and database management and statistical analyses. She also has experience supervising archaeological field technicians and crew chiefs in field and office settings. Rocío has experience working with multi-disciplinary teams in diverse projects in the South Central (LA, TX, OK) region and nationally. Her experience also includes planning and executing significant cultural resource management efforts, as well as managing the production of professional reports for NRHP and NEPA compliance.			Benefit to LADOTD: • Specialized, unique experience as a geoarchaeologist • Based in Metairie, LA with relevant Louisiana experience for rapid response to LADOTD needs
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 years of experience specified in the applicable MPR(s).		
02/26–Ongoing	Entergy Services, Entergy Babel to Webre Transmission Line Project, Various Locations, LA. Project Archaeologist. Rocío is leading and participating in the Phase I Cultural Resource linear survey for the proposed 160-mile transmission line project across Central Louisiana and into East Texas.		
11/24–11/24	Palo Pinto County Municipal Water District 1, Turkey Peak Reservoir, Palo Pinto and Parker Counties, TX. Geoarchaeologist. Rocío assisted the geoarchaeological trenching effort for the proposed Turkey Peak Reservoir project at Palo Pinto and Parker Counties, TX.		
02/25–02/25	Sempra, Louisiana Connector Pipeline, Cameron, Calcasieu, and Beauregard Parishes, LA. Project Archaeologist. Rocío conducted a Phase I Cultural Resource survey ahead of the proposed Port Arthur Pipeline Louisiana Connector Project.		
09/24–09/24	TxDOT Dallas, Kaufman County Outer Loop from SH 205 to IH 20, Kaufman County, TX. Geoarchaeologist. Rocío led and monitored the geoarchaeological trenching effort in the Phase I Cultural Resource linear survey and participated in the shovel testing survey to identify and evaluate cultural resources in advance of construction work.		
06/25–06/25	North Texas Municipal Water District, Farmersville Water Pipeline Project, Collin County, TX. Geoarchaeologist. Rocío led and monitored the geoarchaeological trenching effort in the Phase I Cultural Resource linear survey to identify and evaluate cultural resources in advance of the proposed water pipeline construction		
10/25–10/25	Hidalgo County Regional Mobility Authority, Impact Assessment of Site 41HG255 for the 365 Tollway Project, Hidalgo County, TX. Geoarchaeologist. Rocío led and monitored the geoarchaeological trenching effort in the Impact Assessment of Site 41HG255 for this project.		

Firm employed by HDR Engineering, Inc.			
Name	Nadya Prociuk, PhD, RPA		Years of relevant experience with this employer
Title	South Central Archaeology Program Lead		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		PhD / 2016 / Anthropology MA / 2010 / Anthropology BA / 2006 / English Literature and Contemporary Studies	
Active registration number / state / expiration date		RPA 1733 / US / 1-1-2027	
Year registered	2018	Discipline	N/A
Contract role(s) / brief description of responsibilities		Quality Manager – prepare and implement quality management plans, oversee quality reviews, and verify adherence to applicable standards	
Nadya has nearly two decades of experience in pre- and post-contact archaeology in North America, Central America, and Europe. She has expertise in field and lab techniques, including artifact analysis, preservation, and curation. She has coordinated complex projects involving local, state, and federal cultural resources, guiding them through the National Environmental Policy Act (NEPA), the National Historic Preservation Act (NHPA), and other applicable state and local regulations. She has directed intensive cultural resources surveys, cemetery investigations, and data recovery efforts. Nadya manages field investigations and technical reports to confirm the quality of project data and deliverables for a wide range of cultural resource compliance projects.			Benefit to LADOTD: Consistent project delivery through strengthened quality control processes, early identification of risks, and clear accountability.
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 years of experience specified in the applicable MPR(s).		
11/25–Ongoing	Palo Pinto County Municipal Water District 1, Turkey Peak Reservoir, Palo Pinto and Parker Counties, TX <i>Quality Manager.</i> Nadya is responsible for the overall QA/QC framework guiding archaeological investigations for this new 665-acre reservoir project. She reviews methodologies, field documentation, agency coordination materials, and technical reports to confirm accuracy, regulatory compliance, and consistency with the Secretary of the Interior’s Standards. She verifies that project deliverables meet the state and federal compliance standards, including the Antiquities Code of Texas and Section 106 requirements.		
01/26–Ongoing	Oklahoma Department of Transportation, Cultural Resources IDIQ, Statewide OK. <i>Quality Manager.</i> Nadya is responsible for the overall QA/QC framework, guiding archaeological investigations for this statewide IDIQ. She reviews methodologies, field documentation, agency coordination materials, and technical reports to confirm accuracy, regulatory compliance, and consistency with the Secretary of the Interior’s Standards. She verifies that project deliverables meet the state and federal compliance standards, including Section 106 requirements.		
01/23–12/23	Port of Brownsville, Cargo Dock 3 Phase I Design Project, Cameron County, TX. <i>Principal Investigator.</i> Nadya directed the cultural resources investigation for this 4.7-acre cargo dock improvement project. She was responsible for leading multiple aspects of the Phase I cultural resources survey and agency consultation, which included coordination with the Texas Historical Commission and USACE Galveston District during the development of the scope of work for the Section 106 coordination and the Texas Antiquities Permit, as well as supervising the fieldwork and subsequent reporting and curation. She also oversaw quality control and assurance for project deliverables, verifying compliance with agency standards and regulatory requirements.		
03/23–Ongoing	Cameron County, Cameron County Beach Nourishment Project, Cameron County, TX. <i>Principal Investigator.</i> Nadya is assisting the client with permitting strategies for the 12-mile beach nourishment project, which will involve surveys of both terrestrial and marine cultural resources. This includes facilitating communication between the client, the Texas Historical Commission, and the USACE Galveston District regarding the project requirements. In addition, Nadya provided quality		

	control and assurance of field and reporting components, confirming consistency, accuracy, and compliance with Texas Historical Commission and USACE requirements.
12/23–06/24	Central Federal Lands, Anahuac and McFaddin National Wildlife Refuges, Transportation Infrastructure Repairs, Chambers and Jefferson Counties, TX. <i>Principal Investigator</i>. Nadya assisted the client with permitting strategies regarding this 14.7-mile transportation infrastructure improvement project. This includes facilitating communication among the Texas Historical Commission, Central Federal Lands, and the US Fish and Wildlife Service to determine the project's permitting needs. Nadya provided quality control and assurance for the investigation, including field documentation, reporting, and curation, to verify compliance with Section 106 and Texas Antiquities Code standards.
02/23–03/24	Guadalupe-Blanco River Authority (GBRA), Green Lake Control Structure Re-Establishment Project, Calhoun County, TX. <i>Principal Investigator/Cultural Resources Task Lead</i>. Nadya assisted the client with Antiquities Code of Texas permitting and Section 106 coordination with the USACE, Galveston District, as well as directing the fieldwork and subsequent reporting and curation. In addition, Nadya provided quality control and assurance of field and reporting components, confirming consistency, accuracy, and compliance with Texas Historical Commission requirements.
02/23–10/23	TxDOT El Paso, IH 10 Hudspeth Safety Rest Areas, Hudspeth County, TX. <i>Principal Investigator</i>. Nadya directed the cultural resources investigation for this 97-acre transportation infrastructure project. She led the Phase I cultural resources survey and agency consultation, including coordination with TxDOT during development of the scope of work for Section 106 coordination and the Texas Antiquities Permit, and directed fieldwork and subsequent reporting and curation. In addition, Nadya provided quality control and assurance of field and reporting components, verifying consistency, accuracy, and compliance with Texas Historical Commission requirements.
05/24–11/24	TxDOT Austin, Camp Esperanza Expansion Project, Travis County, TX. <i>Principal Investigator</i>. Nadya directed the cultural resources investigation for this seven-acre project to provide mitigation for impacts to those experiencing homelessness from the construction of the I-35 Capital Express Central project. She led the Phase I cultural resources survey and agency consultation, including coordination with the Texas Historical Commission and obtaining a Texas Antiquities Permit, as well as supervising the fieldwork and subsequent reporting and curation. In addition, Nadya provided quality control and assurance of field and reporting components, confirming consistency, accuracy, and compliance with Texas Historical Commission requirements.
12/23–11/24	Central Federal Lands, Fish Hatchery Road, Uvalde County, TX. <i>Principal Investigator</i>. Nadya directed the cultural resources investigation for this 0.7-mile transportation infrastructure improvement project. She led the Phase I cultural resources survey and agency consultation. This included facilitating communication between the Texas Historical Commission and Central Federal Lands and navigating Section 106 considerations for this project. Nadya also oversaw the fieldwork and subsequent reporting and curation for this project. She also oversaw quality control and assurance for project deliverables, verifying compliance with agency standards and regulatory requirements.

Firm employed by HDR Engineering, Inc.			
Name	Kelsey Radican, RPA		Years of relevant experience with this employer
Title	Project Archaeologist		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / 2022 / Archaeology BA / 2020 / Anthropology	
Active registration number / state / expiration date		RPA 5520 / US / 1-1-2027	
Year registered	2024	Discipline	N/A
Contract role(s) / brief description of responsibilities		Archaeologist – conduct archeological site testing and prepare documentation	
Kelsey has six years of experience in pre- and post-contact archaeology, including phase I, II, and III survey and data recovery efforts. She has experience with a variety of fields and lab techniques, including artifact analysis and curation. She has conducted complex local, state, and federal cultural resources projects, including desktop reviews, Environmental Impact Studies, and Tribal relations efforts. She has participated in intensive cultural resources surveys and data recovery efforts. Kelsey is a Registered Professional Archaeologist and qualifies for the Secretary of the Interior's Standards and Guidelines for Archaeology.			Benefit to LADOTD: • Experience leading desktop reviews and field surveys in Louisiana • Extensive experience with state DOT 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 years of experience specified in the applicable MPR(s).		
02/24–02/24	CSX, CSX NO&M Gulf Coast Hardening Project, Orleans Parish, LA. <i>Project Archeologist</i>. Kelsey led a phase I archaeological survey consisting of shovel testing, pedestrian survey, and mapping to identify and record archaeological sites, features, and artifacts in advance of construction work. Kelsey co-authored the archaeological survey report.		
07/24–08/24	Sempra, Louisiana Connector Pipeline, Cameron, Calcasieu, and Beauregard Parishes, LA. <i>Archaeologist</i>. Kelsey assisted with the Phase I archaeological survey, which included shovel testing and pedestrian survey. She also conducted a comprehensive desktop review to identify known cultural resources, soils, and geology in and around the project area, enabling a recommendation for archaeological fieldwork or mitigation.		
01/24–03/24	Sempra, Ragley Station 3rd Unit Project, Beauregard Parish, LA. <i>Archeologist</i>. Kelsey drafted Resource Report 4, compiling cultural resource surveys, SHPO correspondence, and tribal correspondence into a concise, comprehensive report. She also assisted in compiling tribal contact information and creating tracking tables for future tribal correspondence regarding the project.		
09/24–01/25	TxDOT Dallas, Kaufman County Outer Loop From SH 205 to IH 20, Kaufman County, TX. <i>Project Archaeologist</i>. Kelsey led a linear-phase I archaeological survey of a 600-acre highway project, consisting of shovel testing, mechanical trenching, and mapping to identify and evaluate cultural resources, including a newly recorded archaeological site.		
10/25–11/25; 03/26–ongoing	Palo Pinto County Municipal Water District 1, Turkey Peak Reservoir, Palo Pinto and Parker Counties, TX. <i>Archaeologist</i>. Kelsey assisted with Phase II NRHP eligibility testing and excavations and is currently helping to lead the Phase III data recovery excavation.		
05/24–05/24	TxDOT Austin, Camp Esperanza Expansion Project, Travis County, TX. <i>Project Archaeologist</i>. Kelsey led a Phase I archaeological survey comprising shovel testing, mechanical trenching, and mapping to identify and evaluate cultural resources.		
06/24–03/25	City of Austin, Austin Light Rail Phase 1 Project, Travis County, TX. <i>Project Archeologist</i>. Kelsey led a linear-phase I archaeological survey for a 10-mile light rail project, consisting of shovel testing and mechanical trenching to identify and evaluate cultural resources, including one newly recorded archaeological site and one site revisit to an NRHP-eligible site.		

	Kelsey authored the archaeological survey report and assisted with three permit amendments and report updates throughout the project.
06/23–11/25	Guadalupe-Blanco River Authority (GBRA), GBRA TX-130 Delivery Pipeline Project, Caldwell County, TX. <i>Project Archaeologist</i>. Kelsey led a linear-phase I archaeological survey of a 22-mile water-delivery pipeline project, consisting of shovel testing, hand augering, mechanical trenching, and pedestrian survey, to identify and evaluate cultural resources, including nine newly recorded archaeological sites. Kelsey authored the archaeological survey report and assisted with four permit amendments and report updates throughout the project.
05/25–09/25	North Texas Municipal Water District, Farmersville Water Pipeline, Collin County, TX. <i>Project Archaeologist</i>. Kelsey led a 12-mile linear phase I archaeological survey consisting of shovel testing and mechanical trenching to identify and evaluate cultural resources, including one newly recorded archaeological site and two site revisits. Kelsey authored the archaeological survey report.
10/22–10/22; 03/25–03/25	GBRA, Carrizo Groundwater Supply Project Well Field Expansion, Gonzales County, TX. <i>Project Archaeologist</i>. Kelsey led two linear-phase I archaeological surveys, consisting of shovel testing to identify and evaluate cultural resources, including one newly recorded archaeological site that was revisited and expanded during the second survey. Kelsey authored both Archaeological Survey Reports for this project.
10/24–10/24; 01/25–01/25	City of Taylor, Bull Branch Interceptor Project, Williamson County, TX. <i>Project Archaeologist</i>. Kelsey led a linear-phase I archaeological survey for the 10.5-acre project, consisting of shovel testing, mechanical trenching, and mechanical cemetery scraping, to identify and evaluate cultural resources, including one newly recorded archaeological site. Kelsey co-authored the archaeological survey report.
06/25–06/25	City of Pflugerville, Carmel East Interceptor Project, Travis County, TX. <i>Project Archaeologist</i>. Kelsey led a linear phase I archaeological survey for the six-acre project, consisting of shovel testing to identify and evaluate cultural resources. Kelsey authored the archaeological survey report.
02/25–02/25	City of Boerne, South Cibolo Sewer Extension Project, Kendall County, TX. <i>Project Archaeologist</i>. Kelsey led a linear phase I archaeological survey for the one-mile sewer extension project, consisting of shovel testing and mechanical trenching to identify and evaluate cultural resources. Kelsey co-authored the archaeological survey report.
06/23–07/23	National Grid Renewables, Newton Solar Facility, Newton County, MS. <i>Project Archaeologist</i>. Kelsey led a large-scale Phase I due diligence survey of a proposed 1,168-acre solar facility, including shovel testing and a pedestrian survey to identify and evaluate cultural resources, including two newly recorded archaeological sites and one site revisit. Kelsey co-authored the archaeological survey report.
07/23–08/23	National Grid Renewables, Wiregrass Solar Facility, Dale County, AL. <i>Project Archaeologist</i>. Kelsey led a large-scale Phase I due diligence survey of a proposed 1,190-acre solar facility, including shovel testing and a pedestrian survey to identify and evaluate cultural resources, including six newly recorded archaeological sites.

Firm employed by HDR Engineering, Inc.			
Name	Chelsea Reedy, RPA		Years of relevant experience with this employer
Title	Project Archaeologist		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MA / 2023 / Anthropology BA / 2013 / Anthropology	
Active registration number / state / expiration date		RPA 5500 / US / 1-1-2027	
Year registered	2023	Discipline	N/A
Contract role(s) / brief description of responsibilities		Zooarchaeology - conduct archeological site testing and prepare documentation, conduct field and laboratory analyses of faunal bone	
Chelsea specializes in zooarchaeology, human osteology, and archaeological compliance for transportation and infrastructure projects. Chelsea manages investigations from planning through reporting, supervises field teams, and confirms compliance with Section 106, NEPA, and state DOT requirements. She conducts zooarchaeological analysis, including taxonomic identification, skeletal element representation, butchery pattern analysis, and interpretation of subsistence practices. Chelsea integrates faunal data into NRHP evaluations and technical reports; supervises archaeological field crews; manages large-scale survey and testing programs; and performs lithic, ceramic, and feature analysis, including burned rock middens and thermal features. Chelsea administers excavation safety as an OSHA Competent Person and develops safety documentation.			Benefit to LADOTD: • Unique, specialized experience in zooarchaeology • Louisiana experience for project efficiencies
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 years of experience specified in the applicable MPR(s).		
02/26–03/26	ODOT, Cultural Resources IDIQ, Statewide, OK. Project Archaeologist/Archaeologist Principal Investigator. Chelsea conducted and supervised Phase I surveys, managed field crews, coordinated multi-site logistics, and verified Section 106 compliance. She documented resources and analyzed artifacts, contributed to NRHP recommendations, and developed technical reports.		
08/24–01/25	Palo Pinto County Municipal Water District 1, Turkey Peak Revisor, Palo Pinto and Parker Counties, TX. Project Archaeologist/Zooarchaeologist. Chelsea oversaw field crews conducting Phase II NRHP eligibility testing, including shovel testing, hand-excavated units, and mechanical trenching to define site boundaries and evaluate significance under Criterion D. She directed deep trench excavation operations and confirmed OSHA-compliant excavation safety procedures. Chelsea managed field data collection, coordinated geophysical and geoarchaeological investigations, and conducted zooarchaeological analysis of recovered faunal assemblages, including identification of taxa, butchery patterns, and bone modification. She led and conducted faunal data synthesis and interpretation of subsistence practices, and prepared technical reports for regulatory compliance.		
07/23–08/23	Sempra, Louisiana Connector, Cameron, Calcasieu, and Beauregard Parishes, LA. Project Archaeologist/Archaeological Crew Chief. Chelsea oversaw survey crews conducting Phase I investigations in a coastal environment. She conducted shovel testing and site documentation, including artifact and feature recording. Chelsea assisted with artifact identification and confirmed compliance with Section 106 requirements.		
10/24–10/24	TxDOT Dallas, Kaufman County Outer Loop from SH 205 to IH 20, Kaufman County, TX. Project Archaeologist/Field Director. Chelsea conducted and oversaw Phase I investigations, directed survey and testing, documented sites and stratigraphy, and analyzed recovered materials. She contributed to NRHP evaluations and prepared technical documentation in accordance with TxDOT standards.		

03/24–06/24	Sempra, Port Arthur Pipeline Texas Connector Project, Port Arthur and Beaumont, TX. <i>Project Archaeologist/Field Director</i>. Chelsea supervised archaeological field crews conducting Phase I cultural resources surveys across linear pipeline corridors. She directed pedestrian surveys, shovel testing, and site documentation, including recording site boundaries, stratigraphy, and artifact distributions. She analyzed recovered materials, including faunal remains where present, to support site interpretation. Chelsea verified compliance with Section 106 requirements, managed daily field logistics, and contributed to technical reporting and eligibility recommendations.
04/23–04/23	Lafayette Consolidated Government, Coulee Mine East Flood Control, Lafayette, LA. <i>Project Archaeologist / Archaeological Crew Chief</i>. Chelsea oversaw a Phase I survey, including pedestrian reconnaissance and shovel testing. She documented archaeological resources and contributed to artifact analysis, including faunal materials, and supported compliance reporting.
06/22–08/23	Texas State University, Faunal Analysis at Presidio San Sabá (41MN1), Lafayette, LA. <i>Zooarchaeologist</i>. Chelsea conducted a detailed zooarchaeological analysis of faunal assemblages, including taxonomic identification, element representation, fragmentation analysis, and evaluation of butchery and marrow extraction patterns. She interpreted subsistence strategies and site use through faunal data and integrated findings into broader archaeological interpretations. Chelsea presented the results at the Society for American Archaeology.
05/20–07/20	City of San Antonio, Santa Rosa Street Burial Exhumation, San Antonio, TX. <i>Osteologist/Archaeological Crew Chief</i>. Chelsea supervised the excavation and exhumation of human remains, conducted osteological identification and burial documentation, confirmed compliance with NAGPRA and Section 106, and supported repatriation coordination.
02/20–02/20	Confidential Client, Confidential Project, New Orleans and Lake Charles, LA. <i>Archaeological Crew Chief</i>. Chelsea supervised Phase I surveys in coastal environments, directed shovel testing, documented resources, verified compliance with Section 106, and assisted with faunal identification where present.
05/19–06/19	Dow Energy, Confidential Project, Beaumont, TX. <i>Archaeologist</i>. Chelsea conducted a survey and shovel testing, documented archaeological resources, and contributed to artifact analysis and compliance reporting.
12/12–12/12	University of Oklahoma/Oklahoma Archaeological Survey, Stevensville Site, Stevensville, OK. <i>Osteologist / Archaeological Technician</i>. Chelsea participated in the salvage excavation of a historic Native American burial site exposed by erosion. She assisted with excavation, documentation, and recovery of human remains. She conducted laboratory cleaning and prepared remains for analysis, and contributed to published research results.
03/13–03/13	University of Oklahoma/Oklahoma Archaeological Survey, Excavations at The Harrel Site, Cleveland County, OK. <i>Archaeological Technician/Zooarchaeologist</i>. Chelsea conducted excavation and mapping of a Late Archaic bison kill site. She assisted with the identification and documentation of faunal remains, including bone bed features, and contributed to the interpretation of site formation and subsistence practices.
06/12–06/12	University of Oklahoma/Oklahoma Archaeological Survey, Excavations at The Badger Hole Site, Woodward, OK. <i>Archaeological Technician/Zooarchaeologist</i>. Chelsea conducted excavation and mapping of bone-bed deposits at a Folsom-aged bison kill site. She assisted with recovery and documentation of faunal remains and contributed to analysis of kill-site structure and depositional processes.

Firm employed by HDR Engineering, Inc.			
Name	Mary Schmidt, RPA		Years of relevant experience with this employer
Title	Project Archeologist		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / 2019 / Human Osteology and Funerary Archaeology BS / 2017 / Anthropology and Mathematics	
Active registration number / state / expiration date		RPA 5393 / US / 1-1-2027	
Year registered	2022	Discipline	N/A
Contract role(s) / brief description of responsibilities		Osteologist – identify potential human remains found during archaeological survey or site testing	
Mary meets the Secretary of the Interior's Professional Qualification Standards for archaeology, has experience with various state and federal regulations, including the Section 106 of the National Historic Preservation Act (1966), and has contributed to projects overseen by state and federal agencies. Mary has a background in human osteology and has performed two years of volunteer work at the Osteology Research and Processing Laboratory at Texas State University, training in cemetery excavation and laboratory methodology with the Slavia Project at the early modern cemetery site in Drawsko, Poland, an intensive forensic anthropology field methods course at Texas State University's Forensic Anthropology Center, and a continuing education course in identifying human versus non-human remains at Texas State University's Forensic Anthropology Center.			Benefit to LADOTD: • Unique, specialized experience as an osteologist • Louisiana experience for project efficiencies
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 years of experience specified in the applicable MPR(s).		
08/24–04/25	Palo Pinto County Municipal Water District 1, Turkey Peak Reservoir, Palo Pinto and Parker Counties, TX. Crew Chief. Mary led the field staff and coordinated with project leadership. Following the field efforts, Mary assisted in the faunal remains analysis under the supervision of the task leads.		
05/24–05/24	TxDOT Dallas, Kaufman County Outer Loop from SH 205 to IH 20, Kaufman County, TX. Staff Archeologist. Mary completed preliminary preparations of the Archaeological Background Study.		
07/23–04/24	Sempra, Louisiana Connector Pipeline, Cameron, Calcasieu, and Beauregard Parishes, LA. Field Director/Project Archeologist. Mary oversaw the survey crew covering approximately 72 miles, including leading revisits to five previously documented archaeological sites, one of which led to the identification of three new localities with high-density artifact concentrations totaling approximately three acres. Mary conducted the artifact analysis, submitted site documentation, and served as the primary author on the project report.		
07/24–07/24	Brazos Electric Power Cooperative, Iola to Crutchfield 138-kV Transmission Line Rebuild Project, Grimes County, TX. Principal Investigator. Mary led the field survey, recording a newly identified archaeological site, provided recommendations for the site under Section 106, and authored the project report.		
09/22–01/25	Oklahoma Turnpike Authority, Access East-West Connector Project, McClain and Cleveland Counties, OK. Project Archeologist/Crew Chief. During the initial field mobilization, Mary conducted shovel testing and led smaller field crews. During subsequent mobilizations, Mary led the mobilization effort and contributed to the project reports.		
12/22–12/22	Oncor Electric Delivery, City of Garland, and City of Rowlett, Rowlett to Oates 138-kV Transmission Line Rebuild Project, Dallas County, TX. Project Archeologist. Mary conducted the archaeological survey for the project under two Texas Antiquities Permits, one for each city, and authored both project reports.		

05/22–05/22	Missouri Department of Transportation, I-70 Corridor Improvements, Jackson County, MO. <i>Crew Chief</i>. Mary contributed to fieldwork efforts, including the systematic mechanical trenching at the location of eight previously identified potential archaeological sites, and was an author on the project report.
02/23–03/23	Oncor Electric Delivery, Seagoville to Parkdale 138-kV Transmission Lines Project, Dallas County, TX. <i>Project Archaeologist</i>. Mary assisted with an archaeological survey involving mechanical auger prospecting and authored the project report.
01/22–04/23	TxDOT Austin, I-35 Capital Express Central Project, Travis County, TX. <i>Crew Chief</i>. Mary conducted the Archeological Background Study across the project design modifications and contributed to the cultural resources EIS section.

Firm employed by HDR Engineering, Inc.			
Name	Laura Short, PhD, RPA		Years of relevant experience with this employer
Title	Senior Principal Investigator		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		PhD / 2018 / Anthropology BA / 2007 / Anthropology	
Active registration number / state / expiration date		RPA 17398 / US / 1-1-2027	
Year registered	2018	Discipline	N/A
Contract role(s) / brief description of responsibilities		Macrobotanical Analysis - provide analyses of plant remains recovered from archaeological context	
Laura has 20 years of experience in cultural resources management. She has worked across the Gulf Coast, Pennsylvania, and the Khanuy Valley of Mongolia. She has experience in cultural resource management with various state and federal regulations, including the Texas Antiquities Code, Section 106 of the National Historic Preservation Act (1966), and Section 110 of the Archaeological Resources Protection Act (1979). Her responsibilities include background research, archaeological fieldwork, curation, site form submittal, client consultation, and technical report writing. In addition, she has experience with public outreach and student mentorship. Laura specializes in chemical residue analysis and foodways; her dissertation used Raman spectroscopy to analyze fire-cracked rock from earth ovens in Texas, and she has expanded her focus to include macrobotanical analysis.			Benefit to LADOTD: - Specialized, unique experience in macrobotanical analysis - Experience in Louisiana for project efficiencies
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 years of experience specified in the applicable MPR(s).		
06/24–Ongoing	Palo Pinto County Municipal Water District 1, Turkey Peak Reservoir, Palo Pinto and Parker Counties, TX. <i>Project Archaeologist, Lab Manager.</i> During an early phase, Laura conducted large-scale data recovery investigations with shovel testing, unit excavation, and mechanical trenching. She co-authored the research design, led excavations, and was responsible for crew safety and QA/QC of paperwork. Additionally, she supervised field lab activities including artifact washing and sorting, flotation, and FCR analysis. She conducted the macrobotanical analysis and wrote up the FCR and macrobotanical sections of the report. Currently, Laura is conducting a large-scale site mitigation project with unit and mechanical block excavation. Her role focuses on field lab activities and data acquisition, including RTK GPS and photogrammetry processing. She is supervising field lab activities, including artifact washing and sorting, flotation, and FCR analysis.		
10/23–12/24	Sempra, Louisiana Connector Pipeline, Cameron, Calcasieu, and Beauregard Parishes, LA. <i>Principal Investigator.</i> Laura supervised the Phase I intensive pedestrian survey with shovel testing. She worked with internal and external clients to meet regulatory requirements, supervised fieldwork and lab analysis, and reviewed the report.		
12/24–03/25	TxDOT Dallas, Kaufman County Outer Loop from SH 205 to IH 20, Kaufman County, TX. <i>Principal Investigator.</i> Laura conducted a Phase I intensive pedestrian survey, including shovel testing and mechanical trenching. She worked with internal clients and agencies to meet regulatory requirements, supervised the fieldwork, and reviewed the report.		
06/19–06/19; 12/19–12/19	TxDOT Dallas, Archaeological Data Recovery Investigations at Waxahachie Creek-1 Site, Ellis County, TX. <i>Project Archaeologist.</i> Laura conducted data recovery investigations with mechanical block excavation. She led the field investigations and was responsible for crew safety, supervising mechanical block excavation, field notes, and QA/QC of paperwork. She conducted lab work and completed the non-faunal artifact identification and curation. Laura coauthored the technical report and created figures.		
07/20–03/21	Harris County Flood Control District, Inventory and Evaluation for the Clear Creek Flood Risk Management, Harris and Brazoria Counties, TX. <i>Principal Investigator.</i> Laura conducted archaeological testing at sites 41HR161 and 41BO78,		

	including shovel testing and test unit excavation. She led the field investigation and was responsible for crew safety, pedestrian survey, shovel testing, site delineation, test unit excavation, site forms, field notes, and QA/QC of paperwork. She conducted lab work and completed the artifact identification and curation. Laura coauthored the technical report and created figures.
05/22–12/22	Missouri Department of Transportation (MODOT), Cultural Resources Survey for the J4I1486D I-70 Corridor Improvements, Kansas City, MO. <i>Principal Investigator.</i> Laura conducted a Phase I mechanical deep testing. She led the field investigation and was responsible for crew safety, field notes, GIS mapping, and QA/QC of paperwork. Laura coauthored the technical report and created figures.
09/22–12/25	Oklahoma Turnpike Authority, Archaeological Survey for Oklahoma Turnpike Authority Access East-West Connector, McClain and Cleveland Counties, OK. <i>Principal Investigator.</i> Laura conducted a Phase I intensive pedestrian survey with shovel testing. She led and supervised the pedestrian survey and shovel testing, was responsible for crew safety, recorded field notes, conducted GIS mapping and QA/QC of paperwork.
06/23–06/23	Missouri Department of Transportation, Cultural Resource Investigations for Reavis Barracks and Green Park Road Improvements, St. Louis, MO. <i>Principal Investigator.</i> Laura conducted a Phase I intensive pedestrian survey and shovel testing. She led the field investigations and was responsible for crew safety, pedestrian survey, shovel testing, field notes, GIS mapping, and paperwork QA/QC. She coauthored a technical report and created figures.
09/23–09/23	Florida Department of Transportation, Cultural Resources Assessment Survey for the NW 19 Street Improvements (From NW 31 Ave to Powerline Rd/NW 9 Ave), Fort Lauderdale, FL. <i>Principal Investigator.</i> Laura conducted a Phase I intensive pedestrian survey and shovel testing. She led the field investigations and was responsible for crew safety, pedestrian survey, shovel testing, field notes, GIS mapping, and paperwork QA/QC. She coauthored a technical report and created figures.
03/22–05/25	City of Fort Worth, Intensive Archaeological Survey for the Avondale Haslet Project, Tarrant County, TX. <i>Principal Investigator.</i> Laura supervised the Phase I intensive pedestrian survey with shovel testing. She worked with internal and external clients to meet regulatory requirements, supervised fieldwork and lab analysis, and coauthored the report.
12/24–06/24	Sempra, Texas Connector Pipeline, Jefferson and Orange Counties, TX. <i>Principal Investigator.</i> Laura supervised the Phase I intensive pedestrian survey with shovel testing. She worked with internal and external clients to meet regulatory requirements, supervised fieldwork and lab analysis, and reviewed the report.

Firm employed by HDR Engineering, Inc.			
Name	Kim Smith		Years of relevant experience with this employer
Title	Northeast Area Cultural Resources Lead		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MA / 2009 / Anthropology BS / 2003 / Sociology with Anthropology Emphasis	
Active registration number / state / expiration date		RPA 16641 / US / 01-01-27	
Year registered	2009	Discipline	N/A
Contract role(s) / brief description of responsibilities		Marine Archeology – oversee marine archeology survey	
Kim has expertise in guiding clientele through Section 106 of the National Historic Preservation Act and the National Environmental Policy Act. She conducts both terrestrial and marine archaeological investigations. Her experience includes successful completion and documentation of archaeological surveys and investigations, from due diligence through the signing of a Memorandum of Agreement (MOA) and a Record of Decision (ROD), in accordance with Sections 106 and 110 of the National Historic Preservation Act. Kim has developed agreement documents, avoidance and protection plans, monitoring and unanticipated event plans, and implemented construction management and training to protect resources. Kim's qualifications exceed the Secretary of the Interior Professional Qualifications for Archaeology under 36 CFR Part 61. She is a registered professional archaeologist, having served on the RPA board, and is a licensed archaeologist.			Benefit to LADOTD: • Unique, specialized experience in marine archeology • Experience in Louisiana
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 years of experience specified in the applicable MPR(s).		
08/23–08/24	Port Arthur Pipeline, Louisiana Connector Project, Various Locations, LA. Cultural Resources Specialist/Marine Archaeology Lead. Kim managed the cultural resource consultant's completion of a marine archaeological resource assessment and findings for the submerged portions of the project. She coordinated with the client and consultants and managed consultations with the LA SHPO and THC.		
08/24–Ongoing	Orsted, Starboard Wind Offshore Cultural Resources Services, Offshore MA and RI. Cultural Resources Manager. Kim manages terrestrial archaeological resources assessments, historic resources visual effects assessment, and the marine archaeological resources assessment teams. She provides strategic assessments of historic properties and guidance to the client and team for avoidance, minimization, and mitigation measures. Kim drafted sections of the construction and operations plan related to cultural resources, as well as sections of the Draft EIS.		
05/22–11/23	Orsted and PSEG, Ocean Wind 1 Cultural Resources Services, Offshore NJ. Cultural Resources Manager. Kim managed terrestrial archaeological resources assessment, historic resources visual effects assessment, and the marine archaeological resources assessment teams. She developed historic properties treatment plans, post-review discovery plans, and archaeological monitoring and construction plans for construction compliance. She attended consulting parties' meetings and developed consulting party invitations and letters to engage parties in providing mitigative measures to address adverse effects to historic properties. Kim drafted sections of the construction and operations plan related to cultural resources, as well as sections of the Draft EIS.		
08/23–12/23	Unicom, Airraq Network Project Marine Archaeological Resources Assessment (MARA), Yukon-Kuskokwin Delta, AK. Marine Archaeologist. Kim reviewed high-resolution geophysical datasets and reported the MARA. She also led coordination with the National Telecommunications and Information Administration (NTIA) and the US Department of Agriculture (USDA).		
06/23–10/23	Brooklyn and Queens Counties, Jamaica Bay Ecological and Water Quality Studies - Archaeological Resources Protection Act (ARPA) Permit, Brooklyn and Queens Counties, NY. Project Manager/Lead Archaeologist. Each of the		

	eight testing locations is within less than 50 meters of a known shipwreck. The National Park Service (NPS) requested that Kim monitor testing for evidence of past human occupation. She kept an archaeological monitoring log and a full technical report summarizing the monitoring activities submitted to the NPS under an ARPA permit.
06/21–05/22	Eversource Energy, Marine Archaeological Resource Assessment for the 5th and #91 Submarine Cables, Falmouth to Martha's Vineyard, Offshore MA. <i>Project Manager</i>. Kim conducted agency coordination with the Massachusetts Board of Underwater Archaeological Resources (MBUAR) and the Massachusetts Historical Commission (MHC); reviewed high-resolution geophysical data prior to geotechnical survey; coordinated tribal engagement for the geoarchaeological analysis of vibracores; and completed technical reporting for delivery to MBUAR and MHC. Kim identified and confirmed two shipwrecks and several ancient, submerged landforms. She recommended resources for avoidance with appropriate avoidance measures/buffers and was the lead report author.
06/19–05/22	New England Wind, Commonwealth Wind, and Park City Wind, Offshore Export Cable Corridors Construction and Operations Plan, Offshore MA. <i>Project Manager/Principal Investigator</i>. Kim led the completion of the Marine Archaeological Resource Assessment, which included archival research, the creation of GIS data and report graphics, reviewing and making recommendations on the geophysical and geotechnical datasets acquired, tribal consultations, geotechnical core splitting, and tribal coordination. This included the identification of various magnetic anomalies, side-scan sonar targets, and ancient submerged landforms (ASLFs), and the recommendations for avoidance buffers, the development of unanticipated discoveries plans, and historic properties treatment plans.
10/20–05/21	Orsted, Marine Archaeological Sensitivity Assessment for the Proposed Snug Harbor Development, Offshore NJ. <i>Project Manager/Marine Archaeologist</i>. Kim collected high-resolution geophysical data, interpreted marine geophysical data, reviewed both digital and physical documentary materials relevant to the project survey area, and provided information and recommendations on appropriate cultural resource avoidance and mitigation measures. The New Jersey Department of Environmental Protection, Historic Preservation Office, has jurisdiction for activities in the state waters for identifying, preserving, protecting, and sustaining historic and archaeological resources through the implementation of the state's historic preservation program.
06/26–05/22	Orsted, Marine Archaeological Services in Support of the Orsted Wind Energy Project Site Assessment Plan (SAP) and Construction and Operations Plan (COP) OCS-A Lease Area and Export Cable Corridors, Offshore MA and NY. <i>Project Manager/Principal Investigator/Marine Archaeologist</i>. Kim led the completion of the Marine Archaeological Resource Assessment, which included archival research, the creation of GIS data and report graphics, reviewing and making recommendations on the geophysical and geotechnical datasets acquired, tribal consultations, geotechnical core splitting, and tribal coordination. This included the identification of various magnetic anomalies, side-scan sonar targets, and ancient submerged landforms (ASLFs), and the recommendations for avoidance buffers, the development of unanticipated discoveries plans, and historic properties treatment plans.

Firm employed by Gray & Pape, Inc.				
Name	Amanda M. Evans		Years of relevant experience with this employer	6
Title	Maritime Archaeology Practice Leader		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		PhD / 2013 / Geography (Anthropology concentration), Geology (minor) MA / 2005 / Anthropology (Underwater concentration), History (minor) BA / 1998 / Anthropology, History (Minor)		
Active registration number / state / expiration date		RPA 15922 / US / 1-1-2027		
Year registered	2006	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Marine Archeology – perform marine archeology surveys as needed		
Amanda has 25 years of experience in submerged cultural resources management, including the successful completion and documentation of all phases of underwater archaeological projects in Louisiana, Texas, Mississippi, and the Gulf. She has extensive experience with Section 106 of the National Historic Preservation Act (NHPA) (36 CFR § 800) and the National Environmental Policy Act (NEPA) and has conducted archaeological work in support of Section 110 (NHPA). Her experience includes designing best practice survey plans in compliance with regulations and policies, executing complex and interconnected operations and investigations, coordinating archaeological investigations with shallow hazards, geological, biological, and unexploded ordnance (UXO) objectives, coordinating with internal and external project team members, managing multiple projects with overlapping deadlines, and identifying and evaluating submerged cultural resources according to NHPA and National Register eligibility criteria. Amanda holds a master's and a doctorate degree. Her doctoral dissertation, titled "Out of Site But Not Out of Mind: Submerged Prehistoric Landscapes on the Northwestern Gulf of Mexico Outer Continental Shelf," focused on archaeological investigation of submerged paleolandscapes.			Benefit to LADOTD: • Specialty in underwater prehistoric evaluations • Local knowledge • Proficiency in remote sensing technologies	
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 years of experience specified in the applicable MPR(s).			
02/25–02/26	PCSH, LLC, Sabine Neches Terminal Project, Jefferson County, TX. Principal Investigator, Marine Archaeologist. Amanda coordinated with the agency to secure the required permits and conducted a geophysical data survey (bathymetry, side-scan sonar, magnetometer) for a proposed port terminal development. She conducted data analysis and interpretation, and prepared draft and final reports.			
06/24–12/25	Anchor QEA, Marine Archaeological Investigations for the Cedar Port Navigation and Improvement District Marine Feasibility Study, Harris and Chambers Counties, TX. Marine Archaeologist, Remote Sensing Specialist. Amanda assisted with geophysical survey operations, marine archaeological data interpretation, and navigation channel widening analysis. She processed and contoured magnetometer data, provided overall project management, and edited the draft report.			
01/21–12/21	Burns and McDonnell, Inc., Marine Archaeological Survey for the Sabine River Development, Jefferson County, TX. Principal Investigator, Marine Archaeologist. Amanda directed project planning, secured an Antiquities Permit, directed field survey, and conducted geophysical data interpretation and analysis. She also prepared the draft and final report.			
01/20–04/20	Morris P. Hebert, Inc./Coastal Protection and Restoration Authority (CPRA), Lake Pontchartrain Marine Archaeological Survey, St. Tammany Parish, LA. Principal Investigator, Marine Archaeologist. Amanda analyzed and interpreted third-party geophysical data (bathymetry, side-scan sonar, magnetometer, sub-bottom profiler) from the submerged borrow area in advance of proposed dredging, and prepared the final report.			

06/19–03/20	Texas DOT, I-35 Red River Marine Archaeological Survey, Cooke County, TX, and Love County, OK. <i>Principal Investigator, Marine Archaeologist.</i> Amanda directed project planning and equipment mobilization, and conducted geophysical data interpretation and analysis for bridge construction and an APE crossing the Red River. She authored chapters and oversaw the completion of additional report elements for the draft report submission.
01/19–12/19	Morris P. Hebert, Inc., Alliance Hydrogen Pipeline, St. Charles Parish, LA. <i>Principal Investigator, Marine Archaeologist.</i> Amanda analyzed and interpreted third-party geophysical data (bathymetry, side-scan sonar, magnetometer, sub-bottom profiler) over a proposed pipeline corridor and prepared the final report.
01/18–12/18	Morris P. Hebert, Inc./CPRA, East Leeville Marsh Creation Project, Lafourche Parish, LA. <i>Principal Investigator, Marine Archaeologist.</i> Amanda analyzed and interpreted third-party geophysical data (bathymetry, side scan sonar, magnetometer, sub-bottom) from the offshore borrow area in advance of proposed dredging and prepared the final report.
01/11–12/11	Coastal Environments, Inc./CPRA, Sub-bottom Survey, Lake Borgne, LA. <i>Marine Archaeologist.</i> Amanda conducted a sub-bottom profiling survey, data interpretation, and report preparation to address a known shell midden site in Lake Borgne.

Firm employed by Gray & Pape, Inc.				
Name	John Rawls		Years of relevant experience with this employer	7
Title	Senior Principal Investigator, Maritime Archaeology		Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization		MA / 2004 / History/Historical Archaeology BA / 1997 / Anthropology		
Active registration number / state / expiration date		RPA 15911 / US / 1-1-2027		
Year registered	2006	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Marine Archeology - perform marine archeology surveys as needed		
John has 29 years of experience in submerged cultural resources management, conducting underwater archaeological investigations in inland rivers, nearshore, and offshore locations throughout the Gulf Coast. He has authored and/or coauthored over 90 technical cultural resources reports and has provided professional interpretations and NRHP recommendations for both maritime cultural resources. John's marine archaeology experience includes marine archaeological monitoring, marine remote sensing surveys (magnetic and acoustic data collection, analysis, and interpretation), and NRHP diver evaluations associated with energy infrastructure projects as well as public undertakings by federal and state agencies including but not limited to USACE (New Orleans and Mobile Districts), Federal Emergency Management Agency (FEMA), U.S. Department of Interior-Bureau of Ocean Energy Management, Regulation, and Enforcement (BOEMRE), Louisiana Office of Coastal Restoration and Protection (OCPR), LADOTD, and the Texas Parks and Wildlife Department (TPWD).			Benefit to LADOTD: • Local knowledge and experience for project efficiencies • Proficiency in terrestrial and underwater survey • Advisory Council on Historic Preservation (ACHP) Section 106 Review course completion	
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 years of experience specified in the applicable MPR(s).			
12/23–02/24	ELOS Environmental, Inc., Bayou Eau Noire Project, Plaquemines Parish, LA, Principal Investigator, Marine Archaeologist. John conducted a Phase I submerged cultural resources survey using a magnetometer, side-scan sonar, and a sub-bottom profiler. He conducted the data interpretation and analysis and prepared the draft and final reports.			
4/23–06/24	ELOS Environmental, Inc. Marine Cultural Resources Survey, Tchefuncte Lighthouse Habitat Restoration and Shoreline Protection Project, St. Tammany Parish, LA. Principal Investigator, Marine Archaeologist. John conducted a Phase I submerged cultural resources survey consisting of a magnetometer, side-scan sonar, and sub-bottom profiler investigation on the northern shore of Lake Pontchartrain. He conducted the data interpretation and analysis and prepared the draft report.			
07/25–08/25	Sempra, Texas Connector Pipeline Project, Jefferson County, TX. Principal Investigator, Marine Archaeologist. John directed project planning and equipment mobilization, and conducted geophysical data interpretation and analysis for bridge construction and an APE crossing the Red River. He authored chapters and directed the completion of additional report elements for the submission of the draft report.			
08/20–5/21	Benchmark, Inc., Submerged Cultural Resources Survey for Proposed Bank Stabilizations along the Trinity River at the Black Cloud Steamboat Site (41LB37) in Liberty County, TX. Marine Archaeologist. John conducted a Phase I submerged cultural resources survey consisting of a side-scan sonar and hydroprobing investigation. He conducted the data interpretation and analysis and prepared the draft report.			
11/09–3/10	USACE-NODCOE, Marine Cultural Resources Survey of Portions of the Vermilion River, Schooner Bayou, Belle Isle Bayou, Freshwater Bayou, and the Gulf for the Port of Iberia Channel Modifications, Vermilion Parish, LA. Marine			

	<i>Archaeologist.</i> John conducted a Phase I submerged cultural resources survey using a magnetometer, side-scan sonar, and a sub-bottom profiler. He conducted the data interpretation and analysis and prepared the draft report.
06/13–8/13	Arcadis, Inc. Highway 143-165 Connector and Ouachita River Bridge Project, Ouachita Parish, LA. <i>Marine Archaeologist.</i> John conducted a Phase I submerged cultural resources survey using a magnetometer, side-scan sonar, and a sub-bottom profiler. He conducted the data interpretation and analysis and prepared the draft report.

Firm employed by C.H. Fenstermaker & Associates, L.L.C.			
Name	Amiee Latiolais, PE		Years of relevant experience with this employer
Title	Engineer II		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2014 / Civil Engineering	
Active registration number / state / expiration date		PE.0042932 / LA / 03-31-2027	
Year registered	2018	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Traffic Control – develop traffic control plans for projects that occur in the clear zone	
Amiee has experience in roadway design, open channel and subsurface drainage systems, hydraulic systems analysis, traffic studies, line and grade studies, commercial site design, roundabout design, and construction oversight. She has served as a design engineer for transportation projects ranging from urban local to collector and arterial roadways. Her responsibilities at Fenstermaker include developing various transportation, drainage, and construction documents.			Benefit to LADOTD: • Based in Lafayette, LA for rapid response to LADOTD needs • Extensive LADOTD experience for project efficiencies
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 years of experience specified in the applicable MPR(s).		
02/17–Ongoing	Verot School Road Interchange at U.S. Highway 90, Lafayette Parish, LA. Design Engineer. This project involved widening Verot School Road from two to four lanes, with a median, and installing a multi-lane roundabout at South College Road. Amiee designed horizontal and vertical roadway elements, intersection improvements, and open-channel and subsurface drainage, and also contributed to the project line and grade study and a public outreach meeting in coordination with LADOTD. Amiee supported traffic control coordination to maintain safe and efficient traffic flow during phased construction.		
06/18–06/19	US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build, Lafayette Parish, LA. Design Engineer. This \$69.4 million design-build project is to upgrade US 90 to a six-lane, interstate-standard facility. Amiee worked closely with the project manager on the design of roadway guardrail systems, supporting Fenstermaker’s role as lead design firm in a joint venture with James Construction Group. Amiee supported traffic control considerations to verify compatibility with phased construction.		
02/22–Ongoing	LA 182 (University) at LA 723 (Renaud) Roundabout, Lafayette Parish, LA. Deputy Project Manager. This LADOTD roundabout project will improve traffic flow and safety on University Avenue. Amiee managed project administration, coordinated plan drafting and exhibits, oversaw the traffic analysis, and maintained client communication to verify project progress and responsiveness. Amiee prepared construction phasing and traffic control plans to maintain continuous traffic flow.		
04/21–Ongoing	Spanish Trail Industrial Park Access Road, St. Martin Parish, LA. Project Manager. This project included extending Lake Talon Road to LA 182 and overseeing survey coordination, permitting, engineering design, and construction services. Amiee managed subconsultants for traffic and geotechnical studies, directed the BNSF permitting process, reviewed plans and reports, and provided client updates and invoicing throughout the project.		
04/16–10/16	Sasol LCCP Heavy Haul Road Engineering & Construction, Calcasieu Parish, LA. Design Engineer. This 1.5-mile heavy haul route project supports Sasol’s Lake Charles Chemicals Project in Westlake, Louisiana. Amiee utilized AutoTURN to design and verify driveway layouts for access permitting and developed cost estimates for required driveway realignments, supporting Fenstermaker’s overall roadway design and consulting services. She also assisted in the development of traffic control plans.		

03/18–07/20	Roddy Road at Churchpoint Road Roundabout Redesign, Ascension Parish, LA. <i>Design Engineer.</i> This project involved the redesign of a roundabout at the Churchpoint Road/ Roddy Road intersection to meet updated LADOTD standards. Amiee revised the roundabout geometry and striping layouts, conducted a comparative analysis of an all-way stop versus a single-lane roundabout, and provided QA/QC reviews of reports, plan sets, and traffic control plans.
10/15-05/16	Nelson Road and Ham Reid Road Roundabout Design, Calcasieu Parish, LA. <i>Design Engineer/QC Reviewer.</i> Amiee supported roadway design and reviewed subsurface drainage plans. She coordinated construction staging and traffic control requirements to support implementation.
09/15-06/23	Kaliste Saloom Road Widening & Intersection Improvements – LA 3073 to LA 733, Lafayette Parish, LA. <i>Design Engineer.</i> Amiee led subsurface drainage design, utility coordination, and preparation of construction documents. She developed traffic control plans and supported construction sequencing and field implementation.

17. Firm Experience:

Project 1

Firm name	HDR Engineering, Inc.		Discipline(s)*	Data Collection, Environmental	
Project name	Bonnet Carre Spillway			Firm responsibility (prime or sub?)	Prime
Project number:	N/A	Owner's name	Canada National Railway		
Project location	Baton Rouge, LA			Owner's Project Manager	Kari Harris
Owner's address, phone, email	17641 S. Ashland Avenue, Homewood, IL 60430 / 312.459.7106 / kari.harris@cn.ca				
Services commenced by this firm (mm/yy)	10/21	Total consultant contract cost (\$1,000's)			\$129
Services completed by this firm (mm/yy)	06/25	Cost of consultant services provided by this firm (\$1,000's)			\$129

The Baton Rouge Subdivision Bonnet Carré Spillway Bridge, nearly 1.5 miles long, was built in 1935 to cross the Bonnet Carré Spillway Project. The USACE, New Orleans District, constructed the six-mile-long natural soil spillway to divert Mississippi River floodwaters into Lake Pontchartrain and the Gulf of Mexico. This bridge, part of the Baton Rouge Subdivision, was a vital element of the rail infrastructure for New Orleans and regional ports along the Mississippi River. However, the wooden trestle bridge had exceeded its design life and now required significant maintenance to manage aging infrastructure.

Team Members who Worked on this Project:

- Zack Overfield
- Ann Keen
- Jess Forbes

Replacing the Bonnet Carré Spillway Bridge on the Baton Rouge Subdivision enabled CN to contract with HDR again to permit another rail bridge replacement project across the spillway. HDR led permitting activities, including securing approvals from USACE (Sections 10/404 and 408), USCG Advance Approvals, Louisiana Coastal Use Permits, Louisiana State Unmarked Burial Excavation Permit, and Section 106 Consultation with the Louisiana SHPO and Department of Archaeology. Early planning, design coordination, and strategic agency engagement minimized project impacts and expedited reviews.

After discovering a potential Civil War-era burial ground within the project's Area of Potential Effect, HDR conducted extensive archival and historical research to determine its location. However, with limited information available in the archival record, **HDR proposed an innovative solution using detection dogs trained to detect human remains and remote sensing technology, thereby avoiding traditional excavation methods.** The multi-technology survey yielded negative results, leading to a No Historic Properties Present finding. This recommendation allowed for a quick permitting decision, and with strong team support and relationships with regulatory agencies, the project was permitted in just 11 months. Implementing these methods on a Section 106 project was a first for the State and required extensive coordination between SHPO, DOA, USACE, and the Louisiana Attorney General's Office. In addition, HDR assessed the wooden trestle bridge's potential as a Historic Property. The bridge was determined to be Not Eligible.



Cadaver dogs in action during the Bonnet Carre project.

Project 2

Firm name	HDR Engineering, Inc.		Discipline(s)*		Data Collection, Environmental	
Project name	Entergy Babel to Webre Transmission Line Project				Firm responsibility (prime or sub?)	Prime
Project number	C6PPTLZ700	Owner's name	Entergy Services, LLC			
Project location	Various Locations, LA			Owner's Project Manager	Jacob Frye	
Owner's address, phone, email	5564 Essen Ln, Baton Rouge, LA 70809 / (337) 431-6212 / Jfrye1@entergy.com					
Services commenced by this firm (mm/yy)		06/25	Total consultant contract cost (\$1,000's)			\$1,420
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$1,420

HDR is conducting cultural resource surveys in advance of the proposed Entergy Babel to Webre Transmission Line Project in Avoyelles, Evangeline, Iberville, Point Coupee, Rapides, St. Landry, and Vernon parishes in Louisiana. The project includes the construction of a new transmission line spanning approximately 160 miles within a 225-foot-wide right of way (ROW).

Prior to the cultural resources survey, HDR environmental scientists conducted a wetland delineation survey in support of a federal Section 404 Clean Water Act permit issued by USACE to determine jurisdictional Waters of the United States. Using the delineation data, HDR coordinated with USACE to designate the APE for cultural resources based on buffered stream crossings and wetlands within the ROW that were determined to be jurisdictional. Based on these criteria, the archaeological APE includes approximately 108.6 miles of transmission line ROW. The historic built environment APE encompasses the archaeological APE and a 0.5-mi radius to evaluate effects on aboveground historic resources.

HDR is currently conducting systematic subsurface testing and pedestrian surface inspection following the *Fieldwork Guidelines for Cultural Resource Investigations* published by the Louisiana Divisions of Archaeology and Historic Preservation (2021) to identify archaeological remains, including delineation and NRHP eligibility assessments of identified resources. Background research included a review of the Louisiana Cultural Resources Map database, National Register of Historic Places database, the regional geology, soil data, topography, and available historic maps to determine areas of high and low probability for archaeological remains.

HDR's architectural historians will conduct a survey and NRHP-eligibility evaluation of historic and architectural resources (buildings, structures, objects, landscapes, and districts) in the built environment APE in accordance with the *Fieldwork Guidelines for Cultural Resource Investigations* (LADOAHP 2021). Prior to conducting the field survey, HDR reviewed historic photographs, maps, and tax assessor data available online to identify aboveground resources of historic age. Fieldwork also includes research at local repositories to develop a historical context that informs the evaluation of the historical or architectural significance of recorded resources.

The project provides a **unique and challenging opportunity to study a large cross-section of southern and central Louisiana**. It also includes over 400 private property tracts with different landowners. HDR cultural resource specialists are working closely with Entergy land agents to verify appropriate notification and foster good relations with private landowners.

Team Members who Worked on this Project:

- Daniel Leard
- Rhys Bellman
- Rocio Lopez Cabral
- Marcus Huerta
- Jonathan Boyette



Jonathan Boyette conducting field work.

Project 3

Firm name	HDR Engineering, Inc.		Discipline(s)*		Environmental	
Project name	Louisiana Connector Pipeline			Firm responsibility (prime or sub?)		Prime
Project number	N/A	Owner's name	Sempra			
Project location	Cameron, Calcasieu, and Beauregard Parishes, LA			Owner's Project Manager		Jay Muschenheim
Owner's address, phone, email	1500 Post Oak Blvd, Houston, TX 77056 / 832.364.8011 / jmuschenheim@sempraglobal.com					
Services commenced by this firm (mm/yy)		6/23	Total consultant contract cost (\$1,000's)			\$1,242
Services completed by this firm (mm/yy)		6/24	Cost of consultant services provided by this firm (\$1,000's)			\$1,242

HDR is conducting a Phase I cultural resources investigation of segments of the PAPL Louisiana Connector Project. Since the project was under the purview of the Federal Energy Regulatory Commission (FERC), it was considered a federal undertaking and subject to Section 106 of the National Historic Preservation Act of 1966, and its implementing regulations, 36 Code of Federal Regulations (CFR) Part 800, as amended. Throughout the project, HDR's cultural resources specialists provided Section 106 support for the client, including project planning and budgeting, background research, field surveys, technical report preparation, and agency consultations.

The proposed new natural gas pipeline was intended to support the Port Arthur Liquefaction Project. It included approximately 77 miles of 42-inch-diameter pipeline, a compressor station in Beauregard Parish, multiple interconnects, and associated above- and below-ground equipment. Proposed modifications to the existing FERC-approved footprint consisted of alignment adjustments and included new right of way (ROW) for additional pipeline routes and horizontal directional drilling. The Area of Potential Effects (APE) was approximately 65 mi in length within a 300-foot-wide corridor along the pipeline route and a 50-foot-wide ROW along the access roads. The APE crossed swamp, marsh, and densely forested environments and included many remote areas that were extremely difficult to access. Despite environmental and logistical challenges, HDR's field staff completed fieldwork efficiently and safely. Safety protocols were implemented to confirm that no injuries or incidents occurred during the project.

HDR's archaeological survey resulted in the excavation of 1,233 shovel tests, 52 of which were positive with historic material, and the identification of 3 new localities for site 16CU28. Five previously recorded sites—16CU28, 16CU31, 16CU71, 16CM23, and 16CM101—were revisited during the survey. In accordance with 36 CFR 800, HDR recommended the three new localities of 16CU28—Locus AB, Locus AC, and Locus AD—not eligible for inclusion in the NRHP under Criteria A through D due to lack of significance. HDR's architectural historians documented 11 historic-age architectural resources, including ten new resources and one previously recorded resource (LHRI 10-06827). As part of the historic built environment survey, HDR documented segments of the two historic railroads: the Union Pacific Railroad (LHRI 10-06823) and the Kansas City Southern Railroad (LHRI 10-06827). In consultation with the Louisiana SHPO, both of these railroads were recommended for listing in the NRHP under Criterion A for their significance in the areas of Transportation and Community Planning and Development. HDR's cultural resources specialists also supported Section 106 consultation with the Louisiana SHPO and seven federally recognized tribes historically associated with the area.

Team Members who Worked on this Project:

- Zack Overfield
- Laura Short
- Mary Schmidt
- Marcus Huerta
- Daniel Leard
- Rhys Bellman
- Jonathan Boyette
- Jessica Forbes
- Rocio Lopez Cabral
- Caroline Knowlton
- Kelsey Radican
- Chelsea Reedy



Mary Schmidt conducting field work.

Project 4

Firm name	HDR Engineering, Inc.		Discipline(s)*	Environmental	
Project name	Turkey Peak Reservoir			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Palo Pinto County Municipal Water District 1		
Project location	Palo Pinto and Parker Counties, TX			Owner's Project Manager	Howard Huffman
Owner's address, phone, email	4500 North Lakeview Drive Palo Pinto, Texas 76484 / 940.328.7712 / ppcmwd1@mineralwells.tx.gov				
Services commenced by this firm (mm/yy)	11/18	Total consultant contract cost (\$1,000's)			\$11,555*
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$10,404*

*Fees are total project cost, including final design.

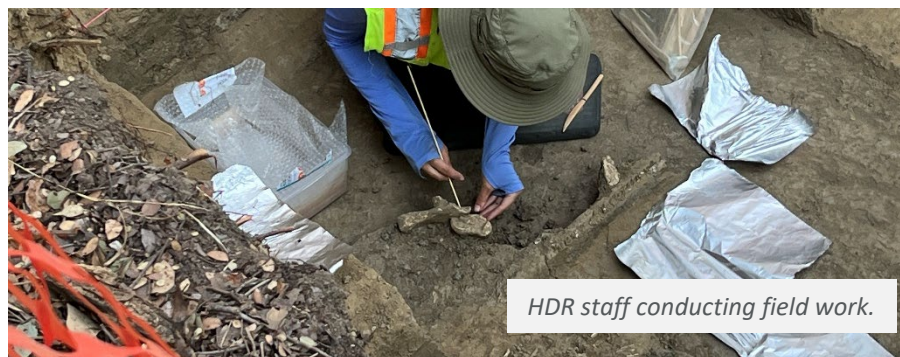
On behalf of the Palo Pinto County Municipal Water District 1, HDR conducted cultural resource services for the proposed Turkey Peak new dam and reservoir project, a proposed 22,000-acre-foot reservoir on Palo Pinto Creek. HDR conducted an archaeological and built environment survey/assessment and eligibility testing of archaeological sites for 41PP375, 41PP377, 41PP378, 41PP382, 41PP384, 41PP385, 41PP387, and 41PP388. To facilitate final agency NRHP eligibility determinations under Criteria A–D and SAL designations and, due to unavoidable impacts to the now-determined for inclusion in the NRHP under Criterion D, which considers their potential to contribute data important to an understanding of the prehistory of the North-central Texas Archaeological Region and the broader Southern Plains, HDR is currently conducting data recovery at 41PP377, 41PP384, 41PP385, 41PP386, 41PP387, and 41PP388 as a mitigation measure for anticipated unavoidable adverse effects. Eligibility testing included both geoarchaeological and multi-sensor archaeo-geophysical surveys, with post-field analyses including C-14 and bulk humate dating of components; historic artifact, groundstone, and lithic analyses; zooarchaeological analyses, including faunal identification and taphonomy of elements indicating bison and deer butchering and meat processing; fire-cracked rock analysis; and macrobotanical identification. In addition to similar analyses employed during eligibility testing, current in-progress data recovery efforts are utilizing drone and terrestrial LiDAR mapping, archaeomagnetic sampling, and photogrammetry to track fieldwork in real time, facilitate continued regulatory coordination, and enhance post-field analysis and forthcoming planned public outreach. The architectural resources investigation, in support of a USACE Section 404 permit for the impacts to the affected tributaries, triggering Section 106, documented a concrete weir associated with an oil company's short-lived settlement near Palo Pinto Creek along the former Texas and Pacific Railroad line. In use during the Wiles Siding period of significance (ca. 1915–1922), this Weir was recommended for NRHP listing at the local level under Criterion D and SAL designation for its potential to yield information of historical significance. As the proposed project would result in an adverse effect on the historic property, mitigation included documentation for the Historic American Engineering Record and the development of a Historic Property Treatment Plan.

Team Members who Worked on this Project:

- Zack Overfield
- Ann Keen
- Josh Haefner
- Nadya Prociuk
- Chelsea Reedy
- Mary Schmidt
- Jonathan Boyette
- Carlos Femmer
- Caroline Knowlton
- Ben Lipke
- Rocío López Cabral
- Kelsey Radican
- Laura Short



HDR staff conducting field work.



HDR staff conducting field work.

Project 5

Firm name	HDR Engineering, Inc.		Discipline(s)*		Environmental	
Project name	Cultural Resources IDIQ			Firm responsibility (prime or sub?)		Prime
Project number	Multiple by Task Order	Owner's name	Oklahoma Department of Transportation			
Project location	Statewide, OK			Owner's Project Manager	David Saulsberry	
Owner's address, phone, email	200 N.E. 21 st Street, Oklahoma City, OK 73105-3204b / (405) 824-5358 / dsaulsberry@odot.org					
Services commenced by this firm (mm/yy)		09/25	Total consultant contract cost (\$1,000's)			\$85
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$88

HDR is assisting ODOT in fulfilling its obligations under the National Environmental Policy Act of 1969, as amended, and 40 CFR 1500-1508 and the National Historic Preservation Act of 1966. Work is assigned through individual task orders to include cultural resources studies, evaluations, for National Register of Historic Places, mitigation efforts for adverse effects for transportation activities including data recovery of archeological resources or HABS/HAER documentation of buildings, bridges, or other structures, and/or other cultural resources general studies and context related studies, identification of historic properties through survey, evaluation of any identified resources, nominations to the National Register of Historic Places, and other mitigation activities such as creating, managing or updating inventories of historic properties, and geophysical studies. To date, HDR has been assigned three task orders for cultural resource services, including desktop review of the built environment, intensive archeological survey supplemented with shovel testing and hand auguring, built environment survey, and associated reports on the investigations. To date, task orders have been located in the same ODOT District to facilitate quick turnarounds on field work and associated report deliverables. HDR has combined task orders into single mobilizations, extending what would typically be two to four days of single outings into week-long surveys.

Team Members who Worked on this Project:

- Josh Haefner
- Zack Overfield
- Chelsea Reedy
- Marcus Huerta
- Nadya Prociuk



HDR staff conducting field work.



HDR staff conducting field work.

Project 6

Firm name	Gray & Pape, Inc.		Discipline(s)* Other		Environmental	
Project name	Bayou Eau Noire Project			Firm responsibility (prime or sub?)		Sub
Project number	23-94702.001	Owner's name	Plaquemines Parish Government			
Project location	Plaquemines Parish, LA			Owner's Project Manager		Project manager is no longer with the organization.
Owner's address, phone, email		607 Morris Street, Hammond, Louisiana 70403 / N/A / N/A				
Services commenced by this firm (mm/yy)		11/23	Total consultant contract cost (\$1,000's)			\$27
Services completed by this firm (mm/yy)		12/23	Cost of consultant services provided by this firm (\$1,000's)			\$27

The Phase I Submerged Cultural Resources Survey for the proposed Bayou Eau Noire Project was conducted in Plaquemines Parish, Louisiana. The Lead Federal Agency for this project was USACE New Orleans. The project area was located on the Mississippi River at Milepost 60 in Plaquemines Parish and consisted of two submerged tracts: the Southern Area (1.1 hectares, or 2.7 acres) and the Northern Area (2.9 hectares, or 7.2 acres).

Team Members Who Worked on this Project:

- John Rawls, MA, RPA

Gray & Pape conducted marine field investigations of the survey areas, including the use of magnetometers, side-scan sonar, and sub-bottom profilers. Gray & Pape conducted a comprehensive analysis of the recorded magnetic data and identified 8 magnetic anomalies. Anomalies were interpreted as modern ferrous debris and were determined not to represent significant cultural resources. Additionally, Gray & Pape conducted a review of the sub-bottom data, which did not reveal any evidence of buried cultural resources. As a result, Gray & Pape recommended that no further work be conducted. John analyzed magnetic and acoustic data and prepared the methodology and report results.

Project 7

Firm name	Gray & Pape, Inc.		Discipline(s)* Other		Environmental	
Project name	Sabine Neches Terminal Project			Firm responsibility (prime or sub?)		Sub
Project number	25-94305.001	Owner's name	Texas General Land Office			
Project location	Jefferson County, Texas			Owner's Project Manager	Christina Barnett	
Owner's address, phone, email	1700 North Congress Ave, Austin, Texas, 78711 / 512-463-5001 / Christina.Barnett@glo.texas.gov					
Services commenced by this firm (mm/yy)		02/25	Total consultant contract cost (\$1,000's)			\$40
Services completed by this firm (mm/yy)		02/26	Cost of consultant services provided by this firm (\$1,000's)			\$40

Phase I marine cultural resources survey in support of the planned Sabine Neches Terminal Project in Jefferson County, Texas. The project includes the proposed construction of three layberth facilities in the river, each to be connected to shore by a narrow pedestrian walkway and dredging of approximately 20.69 hectares (51.13 acres) of the river bottom to create berthing areas adjacent to the docks. The marine APE included approximately 28.85 hectares (71.3 acres) of submerged land. Gray & Pape conducted preliminary agency coordination and development of a desktop assessment to determine the appropriate methods and survey area. Coordination resulted in a request for a survey, and an Antiquities Permit was secured for the Project.

Team Members who Worked on this Project:

- Amanda Evans, PhD, RPA

Gray & Pape conducted a marine field investigation consisting of a bathymetric, magnetometer, and side-scan sonar investigation. Comprehensive analysis of the magnetic and acoustic data recorded for this project identified 154 magnetic anomalies; no sonar targets were identified. Following data processing and analysis using multiple filters, none of the interpreted magnetic anomalies were considered potentially historically significant. No cultural resources were identified, and no further work was recommended. Amanda completed the shallow-water survey and processed and interpreted the marine remote sensing data with assistance from marine archaeologists.

Project 8

Firm name	Gray & Pape, Inc.		Discipline(s)*		Environmental	
Project name	Blue Marlin Offshore Port Resurvey Project				Firm responsibility (prime or sub?)	Prime
Project number	23-74702.001	Owner's name	Texas General Land Office			
Project location	Orange County, Texas			Owner's Project Manager	Mark Evans	
Owner's address, phone, email		1700 North Congress Ave, Austin, Texas,78711, 512-463-5001, HeatherMartaindale@glo.texas.gov				
Services commenced by this firm (mm/yy)		01/24	Total consultant contract cost (\$1,000's)			\$39
Services completed by this firm (mm/yy)		06/24	Cost of consultant services provided by this firm (\$1,000's)			\$39

Gray & Pape conducted a Phase I marine cultural resources survey for the Blue Marlin Offshore Port Resurvey Project in Sabine Lake, Orange County, Texas. Gray & Pape collected fathometer, magnetometer, and side-scan sonar data within the project area. The project was awarded as a follow-up to a remote sensing survey conducted in 2021, for which Gray & Pape directed field acquisition of magnetometer data along a proposed centerline extending across Sabine Lake in Orange County, Texas, and Cameron Parish, Louisiana. That project received concurrence, but prior to construction, a route revision was made that required the acquisition of additional lake bottom coverage. The resurvey work was awarded directly to Gray & Pape and was located entirely in Texas state waters. The marine remote sensing survey took place from February 29 to March 2, 2024, and was conducted by Amanda Evans and John Rawls over three days. Gray & Pape processed and analyzed the magnetic and acoustic data, and Amanda reviewed the results.

Team Members Who Worked on this Project:

- Amanda Evans, PhD, RPA
- John Rawls, RPA

The comprehensive analysis of the magnetic data revealed 102 magnetic anomalies in the project area, none of which met the criteria for potentially significant cultural resources, such as historic shipwrecks. The side-scan sonar imagery identified nine distinct contacts in the survey area, none of which were considered potentially significant cultural materials. All magnetic targets and sonar contacts were interpreted as either pipelines, modern debris, or isolated debris and did not represent significant cultural resources. Therefore, the proposed project will not impact any significant cultural resources. Gray & Pape, Inc. has recommended that no further archaeological investigations are necessary.

Project 9

Firm name	C.H. Fenstermaker & Associates, L.L.C.		Discipline(s)*	Traffic	
Project name	IDIQ for Roadway Design Services Statewide with Majority of Work in Districts 03 & 07			Firm responsibility (prime or sub?)	Prime
Project number	Contract No. 4400030052	Owner's name	LADOTD		
Project location	District 3 and District 7			Owner's Project Manager	Brent Domingue, P.E.
Owner's address, phone, email	228 Rue de Voyages, Lafayette, LA 70508 / (337) 262-6211 / brent.domingue@la.gov				
Services commenced by this firm (mm/yy)	05/25	Total consultant contract cost (\$1,000's)			\$647
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$647

Fenstermaker is performing accelerated-schedule engineering for roadway, drainage, **traffic**, and survey-related work across multiple districts. This includes detailed design, plan production, utility conflict review, and compliance with LADOTD QA/QC procedures.

Team Members Who Worked on this Project:

- Amiee Latiolais

Key Services Performed
Task Order No. 1 (H.014842.5) – LA 3184: Patching, Milling, Asphalt Overlay & Related Improvements

Fenstermaker is developing construction plans for patching, milling, asphalt overlay, minor PCCP rehabilitation, guardrail adjustments, curb adjustments, driveway modifications, and ADA-compliant ramps.

Task Order No. 2 (H.015966.5) – LA 3233: R-CUT at I-49 South Interchange

Fenstermaker is converting an existing full-access median opening to an R-CUT configuration, including the design of eastbound and westbound U-turn lanes, the removal of an exit ramp right-turn flare, and geometric improvements.

Services Across Both Task Orders

- Survey review, supplemental field investigations, and utility conflict analysis.
- Horizontal/vertical alignments; plan & profile sheets; typical sections; cross sections.
- **Traffic control plans;** signing and striping; removals; quantities; summary tables.
- Development of detour routes and staging considerations.
- Rigorous QA/QC, including independent technical reviews and comment matrix documentation.
- Managed deliverables through Preliminary, 98%, and 100% Final Plans.

Challenge: Compressed LADOTD schedules and multi-discipline coordination requirements.

Solution: Applied disciplined QA/QC workflows and proactive coordination with district staff to streamline review cycles and maintain schedule adherence.

18. Approach and Methodology

Understanding of LADOTD Cultural Resources IDIQ Program

LADOTD requires reliable, on-call cultural resources support capable of executing archaeological and architectural history services statewide under multiple, concurrent task orders (TOs). These TOs vary widely in geographic setting, technical complexity, and schedule, and are implemented in accordance with Attachment A – Scope of Services. Projects range from small safety improvements and bridge replacements to large, phased corridor improvements and long-range capacity projects.

Based on our experience delivering similar on-call contracts for other state DOTs and supporting complex linear projects in Louisiana and similar Gulf Coast environments, we understand that LADOTD's primary priorities are schedule certainty, defensible National Register of Historic Places (NRHP) determinations, efficient regulatory coordination, and consistent, quality, DOTD-compliant deliverables that support timely project advancement.

Services provided under this IDIQ include cultural resources surveys within defined Area of Potential Effect (APEs); archaeological site testing and NRHP evaluations; remote sensing investigations where shovel testing alone is insufficient; data recovery planning and implementation; standing structure and built environment surveys for resources 50 years of age and older (with appropriate year buffers reflecting long planning horizons); preparation of Historic American Building Survey (HABS), Historic American Engineering Record (HAER), and Historic American Landscape (HALS) documentation; Section 106 findings of effect analyses; and coordination with LADOTD Environmental staff, State Historic Preservation Office (SHPO), and Tribal Historic Preservation Officers (THPOs), as applicable.

Our approach emphasizes early risk identification, scalable staffing, and development of clear, defensible documentation that supports LADOTD's delivery schedules while maintaining full regulatory compliance.

HDR Team

Local Presence and Technical Expertise. HDR's Louisiana cultural resources program is anchored by local staff based in New Orleans, supported by regional Gulf Coast offices and a deep bench of national

technical specialists. This structure allows us to rapidly mobilize field crews familiar with Louisiana's physiography, regulatory expectations, and LADOTD processes while seamlessly scaling staffing to meet concurrent TO demands. **The result is faster startup, fewer coordination delays, and consistent delivery across projects of varying size and complexity, without sacrificing technical rigor or schedule.**

Subconsultants. Gray & Pape will provide marine archaeology. CH Fenstermaker will provide traffic control plans for any fieldwork within the clear zone. We have successfully worked with both of these firms on projects along the Gulf Coast.

IDIQ Task Order Delivery Framework

On-Call Readiness and Concurrent Task Orders. We employ a dedicated IDIQ management framework structured to support multiple concurrent TOs without sacrificing quality or schedule control. Each contract is supported by a defined management structure that includes a contract manager, **Zack Overfield**, responsible for overall consistency and contract performance; TO leads, responsible for execution; and dedicated QA/QC oversight.

Staffing is scalable and aligned with the Task Order's scope, geography, and complexity, allowing us to efficiently meet LADOTD's standard 160-day TO timeline or accelerated schedules when required. Rapid mobilization follows the Notice to Proceed, with early kickoff coordination via a meeting or targeted email for smaller TOs to confirm scope, schedule, APE limits, access constraints, and deliverables.

Progress is tracked in real time and summarized through bi-weekly status updates that identify completed tasks, upcoming milestones, and potential risks. This framework provides LADOTD with predictable performance across both routine and complex TOs.

LADOTD Coordination and Compliance. Effective coordination is central to the successful delivery of Cultural Resources projects. SHPO coordination is conducted through or with the approval of LADOTD Environmental staff. We emphasize early identification of access and permitting needs, including landowner coordination utilizing our in-house real estate services, and Louisiana One Call notifications prior to ground disturbance.

Communication milestones are established at field initiation and completion, and potential eligibility or effect issues are discussed early to **avoid late-stage revisions**. This proactive approach supports efficient agency review and preserves project schedules.

Cultural Resources Survey and Evaluation Approach

Background Research and Field Survey. Each TO begins with focused background research to inform field methods and efficiently targets effort where resources are most likely to be found. Research includes review of site files, prior survey and testing reports, historic maps, aerial imagery, and landform and geomorphic context, particularly important in Louisiana's alluvial, deltaic, and coastal environments.

Background data are compiled in GIS to support survey planning and field execution. Field investigations are completed strictly within the approved APE and include the identification, recordation, and preliminary evaluation of prehistoric and historic archaeological sites, as well as standing structures, landscapes, and other built environment resources. Spatial data are collected using sub-meter GPS equipment and prepared in accordance with LADOTD GIS standards.

Safety. HDR maintains a robust safety program and considers safety the number one priority for fieldwork. HDR's corporate safety program requires that field projects with increased safety profiles, due to remote locations, extended field duration, weather, etc., have a site-specific safety plan, which provides project personnel with key local information in case of an emergency during fieldwork (key contact information, nearby medical facilities, protocols, etc.). Each HDR project also includes a Job Hazard Assessment that identifies potential safety concerns in the project area (weather, tripping hazards, poisonous plants, venomous animals, etc.). These documents are reviewed and approved by regional safety coordinators who confirm compliance with required training and verify that the plan is sufficient. In addition to the standard safety documentation, Fenstermaker will prepare traffic control plans for field studies within the clear zone, if needed for a project assignment.

Following safety plan approval, the field team reviews the JHA daily and acknowledges that they held a daily safety tailgate meeting before commencing fieldwork. HDR expects and requires that subconsultants maintain the same level of safety focus.

NRHP Evaluations and Effect Determinations. Our objective is to obtain sufficient information early to support clear NRHP eligibility and effect determinations. Evaluations are completed using applicable criteria, criteria considerations, and integrity assessments, with recommendations clearly supported by field and background data.

Deliverables include DOTD-compliant letters and management summaries; draft and final survey, testing, or negative findings reports; completed archaeological site and standing structure forms; supporting data spreadsheets; and GIS shapefiles and electronic datasets.

Advanced Archaeological Capabilities and Problem Solving

Risk-Based Archaeological Strategy. We apply a problem-solving, risk-based approach to archaeological investigations, proactively identifying areas likely to require deeper evaluation **before they become schedule constraints**. This approach is particularly effective in Louisiana's alluvial floodplains, terrace systems, and urban-fill environments, where site depths and preservation vary widely.

For example, on linear transportation projects in deep alluvial settings, our geoarchaeologists and remote sensing specialists have integrated geomorphic modeling and geophysical survey to refine testing locations, **reducing unnecessary excavation, shortening field durations, and enhancing safety**.

In sensitive cemetery and burial contexts, such as the Bonnet Carre Spillway project, HDR has successfully deployed **innovative** canine detection in coordination with SHPO, allowing LADOTD clients to quickly and non-invasively confirm burial absence and boundaries, avoiding costly redesigns and extended delays. Photogrammetry and Unmanned Aerial Vehicle (UAV)-based documentation have been used on complex sites, such as the Turkey Peak Reservoir project, and standing structures to accelerate data collection, improve agency communication, and reduce return field visits, **saving both time and project funds while improving documentation quality**.

This strategy supports efficient NRHP testing, targeted delineation within existing or proposed ROW, and reduced rework, unnecessary disturbance, and follow-on task orders.

Unique Technical Specializations. Our in-house specialists are routinely integrated into DOT transportation projects and include **geoarchaeologists, lithic analysts, macrobotanical specialists,**

osteologists, and zooarchaeologists. Close coordination between field staff and specialists verifies technically sound evaluations and defensible conclusions.

Remote Sensing and Detection Technologies. Where shovel testing alone is insufficient, we deploy advanced investigative tools with LADOTD and SHPO approval. These include ground-penetrating radar, magnetometry, UAV-- based imaging and photogrammetry, and canine detection for unmarked burials and other sensitive contexts. These tools have proven effective in Louisiana's deep alluvial settings, cemetery contexts, and complex sites, increasing efficiency while reducing disturbance and uncertainty.



Zack Overfield and Carlos Femmer utilizing drones for Tukey Peak Reservoir.

Data Recovery Planning and Execution

When avoidance is not feasible, we provide full data recovery support, including development of LADOTD- and SHPO-compliant Data Recovery Plans; timely plan submission and revision; controlled excavation meeting Louisiana Division of Archaeology standards; laboratory processing, analysis, illustration, reporting, and curation; and synthesis of results supporting LADOTD decision-making and Section 106 compliance.

HDR has experience conducting concurrent data recovery excavations at multiple archaeological sites. HDR's public and private clients trust HDR with their most complex and sensitive mitigation efforts. This includes testing and data recovery projects across the Southeast.

Architectural History and Built Environment Services

Standing Structure and Landscape Surveys. Our architectural history team evaluates built environment resources 50 years of age and older, incorporating appropriate year buffers to reflect project

planning horizons. Services include completing LADOTD- and SHPO-approved forms and spreadsheets, photography, consistent application of NRHP criteria and integrity assessments, and evaluations aligned with long-range transportation planning needs.



Marcus Huerta performing a site visit.

Louisiana-Specific Context. Our experience includes surveys of historic highway corridors, rural resources, small towns, and urban neighborhoods common to LADOTD projects across north, central, and south Louisiana.

HABS/HAER/HALS Documentation

We will prepare HABS, HAER, and HALS documentation in accordance with National Park Service guidelines and the Secretary of the Interior's Standards. Deliverables can include large-format photographic prints and negatives, measured drawings, and narrative documentation suitable for the Library of Congress and similar archival collections.

Technology-Driven Efficiency and Deliverables

Digital tools are integrated throughout our workflow to improve **efficiency and data quality**. Custom digital field forms aligned with LADOTD reporting requirements reduce transcription errors, accelerate QA/QC review, and shorten report production timelines. These tools enable real-time field data validation and seamless integration into GIS and reporting workflows, improving data quality while reducing rework and schedule risk.

Screenshots of the custom digital field forms utilized on another project.

Photogrammetry is used selectively for archaeological testing, data recovery, standing structures, and complex features to enhance visualization and agency communication. Electronic deliverables, including GIS, CAD, and PDF files, are compliant with LADOTD standards and uploaded to ProjectWise as required.

Quality Assurance, Reporting, and Client Partnership

Quality assurance is embedded in every phase of work. Quality control is led by the designated quality manager, **Nadya Prociuk**, who is independent from day-to-day TO production. Technical deliverables undergo a senior technical review by subject-matter experts who are not directly involved in authorship, providing an objective evaluation of methods, findings, and conclusions. This layered QA/QC process, applied consistently across archaeology and architectural history, results in defensible NRHP determinations, reduced agency comments, and faster LADOTD approvals. Biweekly reporting, proactive issue resolution, and a long-term partnership mindset provide consistent support for LADOTD's statewide program needs.

Key Benefits to LADOTD

This approach provides LADOTD with:

1. **Louisiana-based** cultural resources team supported by a regional/national specialized cultural resources experience to efficiently deliver projects
2. Predictable delivery under multiple concurrent Task Orders
3. Defensible NRHP and effect determinations that withstand agency review

4. Proven problem solving in Louisiana's complex archaeological and built environments
5. Advanced technical tools, including remote sensing and specialized detection methods
6. Strong architectural history capabilities aligned with long-range transportation planning
7. Technology-driven efficiency that improves data quality and reduces schedule risk

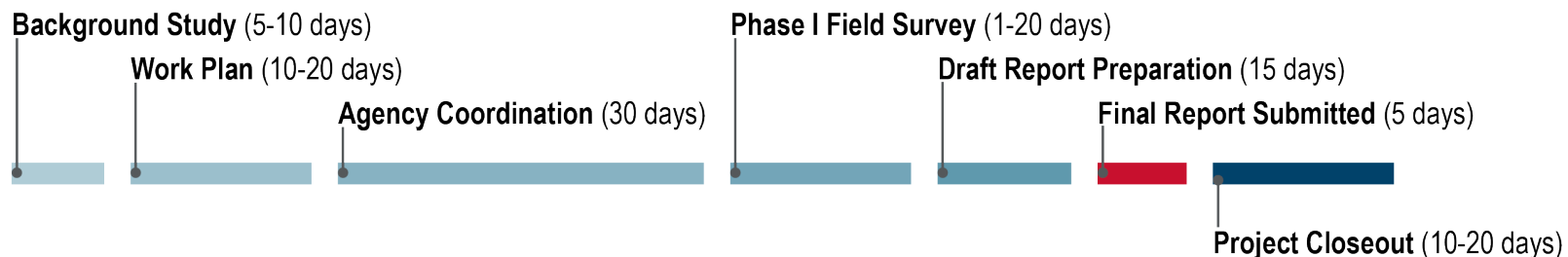
Schedule

Our standardized workflows and scalable staffing model are specifically designed to meet LADOTD's typical 160-day Task Order schedules, with flexibility to accommodate accelerated timelines when required. Below is an example milestone-based schedule following notice to proceed:

- Background Study – 5-10 business days
- Work Plan – 10-20 business days
- Agency Coordination – 30 business days
- Phase I Field Survey – 1-20+ business days (depending on size of project)
- Draft Report Preparation – 15 business days following fieldwork completion
- Final Report Submittal – 5 business days following LA DOTD comment resolution, if needed
- Project Closeout – 10-20 business days after SHPO approval

Typical Task Order Schedule

Preliminary, subject to change.



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) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
HDR Engineering, Inc.	Bridge	4400024186/H.015472	LADOTD Br Preservation TO4	\$106,185
	Planning	4400026365/H.015223.2	Baton Rouge to New Orleans Rail Corridor Environmental Study	\$593,433
	Bridge	4400021517	Contract 5 for Movable Bridges (6)	\$1,242,244
	Bridge	4400024186	LADOTD LA301 Priest Canal TO#5	\$40,072
	Planning	4400032783/H.015223.2	Baton Rouge – New Orleans Passenger Rail	\$5,970,594
	Bridge	4400024186	LADOTD_Br Preservation TO6	\$124,057
	Other (Hydraulic)	440017091	LADOTD LWI Region 5 TO 5	\$312,238
Gray & Pape, Inc.	Choose an item.			N/A
C.H. Fenstermaker & Associates, L.L.C.	Road	Contract No. 400005673 State Project No. H.011235.5	I-49 South @ Verot School Road US 90	\$77,082
	Road	Contract No. 4400020291 State Project No. H.012869	LA 182 (UNIV) @ LA 723(RENAUD) Roundabout LA 182 and LA 723	\$148,423
	Bridge	Contract No. 4400025023 State Project No. H.015513	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Elenor Road Over Coulee	\$4,400
	Bridge	Contract No. 4400025023 State Project No. H.015335	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Puma Road Over Coulee	\$39,750
	Bridge	Contract No. 4400025023 State Project No. H.015516	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Bieber Road Over Nezpique Bayou	\$550
	Bridge	Contract No. 4400025023 State Project No. H.015512	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Mullins Road Over Tete Bayou	\$1,650

	Bridge	Contract No. 4400025023 State Project No. H.015511	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 E. Martial Ave. Over Coulee	N/A
	Bridge	Contract No. 4400025023 State Project No. H.015515	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Andover Road Over Indian Bayou Lateral	\$1,100
	Bridge	Contract No. 4400025023 State Project No. H.015514	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Sarah Dee Pkwy. Over Coulee	\$31,100
	Bridge	Contract No. 4400025023 State Project No. H.015505	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Solid Waste Water Road Over Bayou Boeuf	\$1,100
	Bridge	Contract No. 4400025023 State Project No. H.015510	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Phillip Street Over Drainage Bayou	\$23,600
	Bridge	Contract No. 4400025023 State Project No. H.015509	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Huval Street Over True Canal	\$1,100
	Bridge	Contract No. 4400025023 State Project No. H.015508	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Adam Guidry Road Over Coulee	\$54,550
	Bridge	Contract No. 4400025023 State Project No. H.015507	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Minos Road Over Coulee	\$5,550
	Bridge	Contract No. 4400025023 State Project No. H.015506	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Aristide Road Over Coulee	\$1,100
	Bridge	Contract No. 4400025023 State Project No. H.015517	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Guegnon Street Over Youngs South Coulee	\$49,800
	Road	Contract No. 4400025625 State Project No. H.014622.2	St. Nazaire Road Ext: LA 96 – Corne Road	\$503,441
	Environmental	Contract No. 4400027474	IDIQ Contract for Environmental Permitting and Biological Services Task Order No. 2 MS4 Permitting Support East Baton Rouge Parish District 61	\$13,928
	Road	Contract No. 4400030052 State Project No.014842.2	IDIQ Contract for Roadway Design Services Statewide with Majority of Work in Districts 03 & 07 Task Order No. 1 LA 3184 LA 3025 – I-10	N/A

	Road	Contract No. 4400030052 State Project No. H.015966.5	IDIQ Contract for Roadway Design Services Statewide with Majority of Work in Districts 03 & 07 Task Order No. 2 LA 2333 R-Cut at I-49 South Interchange	\$91,269
	Road	Contract No. 4400030052 State Project No. H.015484.5	IDIQ Contract for Roadway Design Services Statewide with Majority of Work in Districts 03 & 07 Task Order No. 3 LA 1162: Keith Duplechain Road – LA 29	\$283,559

(Add rows as needed)

DO NOT SUM

*** The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.** If a firm has more than one discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per 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. **NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE.** 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.**



State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
HDR ENGINEERING, INC.	Business Corporation (Non-Louisiana)	OMAHA	Active

Previous Names

HDR INFRASTRUCTURE, INC. (Changed: 12/3/1987)

Business: HDR ENGINEERING, INC.

Charter Number: 34178558F

Registration Date: 6/17/1985

Domicile Address

1917 S. 67TH STREET

OMAHA, NE 68106

Mailing Address

1917 S. 67TH STREET

OMAHA, NE 68106

Principal Business Office

1917 S. 67TH STREET

OMAHA, NE 68106

Registered Office in Louisiana

201 RUE BEAUREGARD, STE. 202

LAFAYETTE, LA 70508

Principal Business Establishment in Louisiana

5750 JOHNSTON STREET

SUITE 105

LAFAYETTE, LA 70503

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 6/17/1985

Last Report Filed: 5/27/2025

Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent:	REGISTERED AGENTS INC
Address 1:	201 RUE BEAUREGARD, STE. 202
City, State, Zip:	LAFAYETTE, LA 70508

Name	Type	City	Status
C. H. FENSTERMAKER & ASSOCIATES, L.L.C.	Limited Liability Company	LAFAYETTE	Active

Previous Names

C. H. FENSTERMAKER & ASSOCIATES, INC. (Changed: 12/31/2011)

Business: C. H. FENSTERMAKER & ASSOCIATES, L.L.C.

Charter Number: 33922270K

Registration Date: 8/10/1982

Domicile Address

135 REGENCY SQUARE

LAFAYETTE, LA 70508

Mailing Address

P.O. BOX 52106

LAFAYETTE, LA 70505

Status

Status: Active

Annual Report Status: In Good Standing

File Date: 8/10/1982

Last Report Filed: 7/11/2025

Type: Limited Liability Company

Registered Agent(s)

Agent: WILLIAM H. FENSTERMAKER

Address 1: 135 REGENCY SQUARE

City, State, Zip: LAFAYETTE, LA 70508

Appointment Date: 8/12/1993

Officer(s)

Additional Officers: No

Officer: W. H. FENSTERMAKER

Title: Manager, Member

Address 1: 135 REGENCY SQUARE

City, State, Zip: LAFAYETTE, LA 70508

Amendments on File (9)

1 of 2

9/22/2025, 11:49 AM

Commercial - Search

<https://coraweb.sos.la.gov/CommercialSearch/CommercialSearchDetail...>

Description	Date
Disclosure of Ownership	10/27/1992
Disclosure of Ownership	12/16/1994
Disclosure of Ownership	7/15/1998
Disclosure of Ownership	6/28/1999
Disclosure of Ownership	4/1/2002
Disclosure of Ownership	6/20/2007
Conversion	12/31/2011
Name Change	12/31/2011
Appointing, Change, or Resign of Officer	1/30/2012

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State of
Louisiana
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State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
GRAY & PAPE, INC.	Business Corporation (Non-Louisiana)	CINCINNATI	Active

Previous Names

Business: GRAY & PAPE, INC.
Charter Number: 43837272F
Registration Date: 4/2/2020

Domicile Address

340 READING RD
CINCINNATI, OH 45202

Mailing Address

340 READING RD
CINCINNATI, OH 45202

Principal Business Office

340 READING RD
CINCINNATI, OH 45202

Registered Office in Louisiana

450 LAUREL STREET, 8TH FLOOR
BATON ROUGE, LA 70801

Principal Business Establishment in Louisiana

450 LAUREL STREET, 8TH FLOOR
DEPT REGISTERED AGENT
BATON ROUGE, LA 70801

Status

Status: Active
Annual Report Status: In Good Standing
Qualified: 4/2/2020
Last Report Filed: 3/18/2026
Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent:	CORPORATION SERVICE COMPANY
Address 1:	450 LAUREL STREET, 8TH FLOOR
City, State, Zip:	BATON ROUGE, LA 70801
Appointment Date:	4/2/2020

21. **QA/QC Plan:**

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.**

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 (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>)	Address	Point of Contact and email address	Phone Number
Gray & Pape, Inc.	340 Reading Road, Cincinnati, OH 45202	Amanda Evans aevans@graypape.com	850.445.5794
C.H. Fenstermaker & Associates, L.L.C.	135 Regency Square Lafayette, LA 70508	Dax Douet, PE dax@fenstermaker.com	225.237.2200

(Add rows as needed)

23. Location:

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement.**