

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

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 Contract for Professional Hydrographic Surveying Services (South Region) Statewide
2. Contract Number(s) as shown in the advertisement	4400035404
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 where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	Lowe Engineers, LLC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	VF. 0000567
6. Prime consultant mailing address	104 Speedpro Lane, Scott, LA 70583
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	104 Speedpro Lane, Scott, LA 70583
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Josh Daniel, PLS, Partner Phone: 985.809.4109 josh.daniel@loweengineers.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Josh Daniel, PLS, Partner Phone: 985.809.4109 josh.daniel@loweengineers.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.

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.



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

June 11, 2026

Date:

Firm(s):

N/A

Firm(s)' %:

12. Discipline Table:

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

The **only** disciplines to be used are 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.**

Sub-consultants are not allowed to be used for this proposal. Fill in the table by identifying only those disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, and the percentage of work in each discipline to be performed. The percentage estimated for each discipline is for evaluation purposes only and will not control the actual performance or payment of the work. (Add rows as needed)	
Discipline(s)	% of Overall Contract
Survey	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 (please specify)” and include the classification title inside the parentheses.

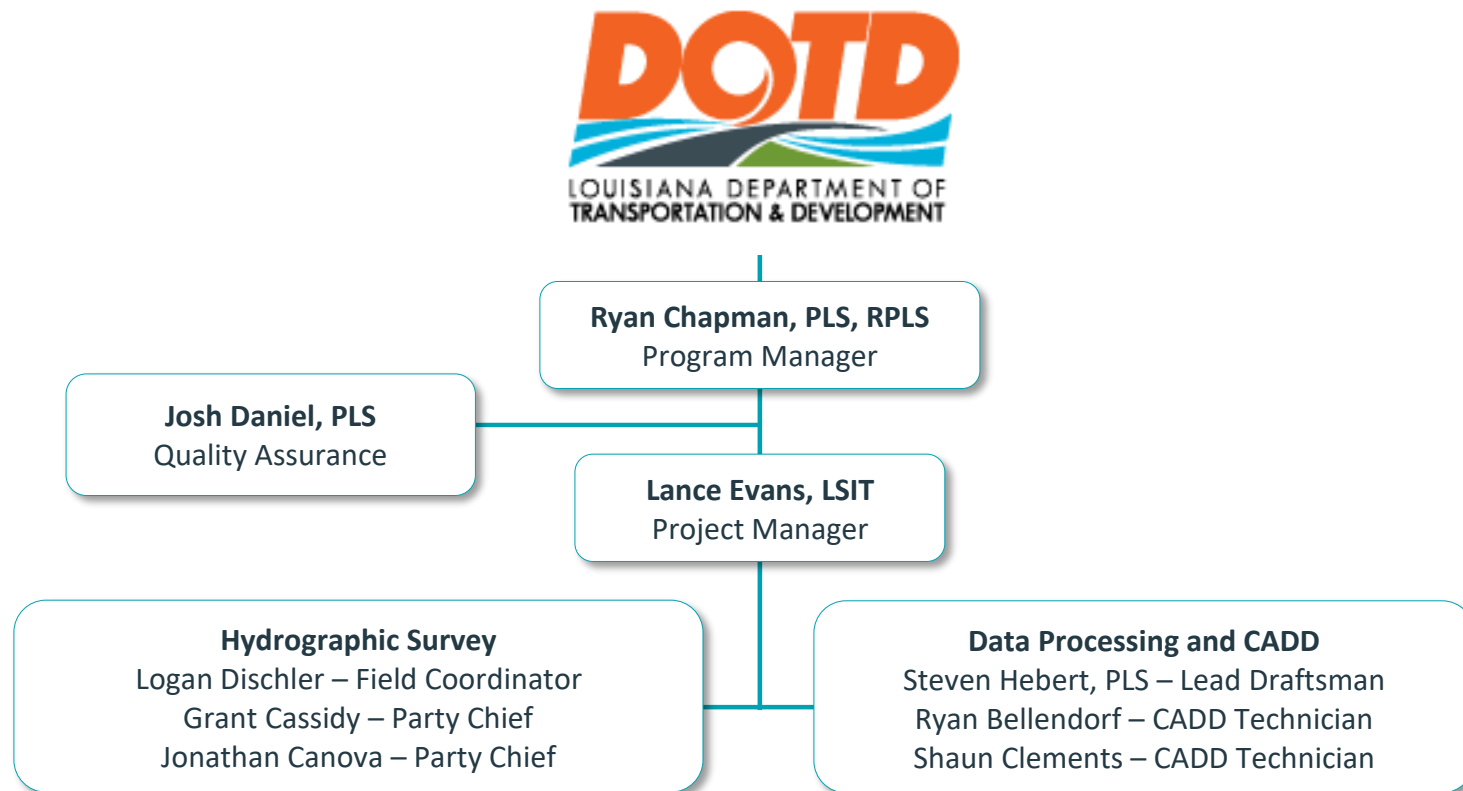
The DOTD Job Classification(s) to be used can be found at the following link: <https://bit.ly/DOTDJobClassifications>

Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
Lowe Engineers, LLC	Abstractor	1	4
Lowe Engineers, LLC	CADD Drafter	1	20
Lowe Engineers, LLC	CADD Technician	1	20
Lowe Engineers, LLC	CADD Operator	1	10
Lowe Engineers, LLC	Clerical	1	5
Lowe Engineers, LLC	Drafter	1	5
Lowe Engineers, LLC	GIS Analyst	1	15
Lowe Engineers, LLC	Instrument Man	5	15
Lowe Engineers, LLC	Party Chief	5	15
Lowe Engineers, LLC	Principal	1	10
Lowe Engineers, LLC	Professional	2	10
Lowe Engineers, LLC	Rodman	5	10
Lowe Engineers, LLC	Surveyor	2	4
Lowe Engineers, LLC	Technician	2	10

* **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:

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. **If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.** It is acceptable to use an 11x17 format for Section 14.



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	Ryan Chapman, PLS	Lowe Engineers, LLC	PLS No. 5096	LA	09/30/2027
2	Ryan Chapman, PLS	Lowe Engineers, LLC	PLS No. 5096	LA	09/30/2027

16. Staff Experience:

Firm employed by			Lowe Engineers, LLC			Meets both Minimum Personnel Requirements			
Name		Ryan Chapman, PLS		Years of relevant experience with this employer			6		
Title		Program Manager		Years of relevant experience with other employer(s)			20		
Degree(s) / Years / Specialization				BS, General Studies - University of Louisiana Lafayette, 2004 AS, Civil Engineering Technology - Louisiana Community and Technical College, 2003					
Active registration number / state / expiration date				No. 5096 / LA / Expires 09/30/2027					
Year registered		2013		Discipline		PLS			
Contract role(s) / brief description of responsibilities				Program Manager - Responsible for defining the overall scope, objectives, and success criteria for the survey, and providing strategic leadership and actionable insights.					
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).							
05/24 - 06/25		Port of Iberia West Yard Bulkhead Improvements - Port of Iberia, LA Program Manager - Managed survey support services for the construction of two new bulkheads at the Port of Iberia for LA DOTD and Merrick. Initial project efforts included performing a preliminary topographic survey of the project site to support the design and planning phases of the project. In addition, Lowe completed a tight first-class differential level survey between all project control benchmarks to verify vertical control throughout the site and establish reliable survey control for construction activities. Construction stakeout and layout services were also provided. Monthly deliverables, CAD files, survey reports, and as-built documentation were prepared and submitted to Merrick and LA DOTD on schedule in accordance with project requirements.							
11/24 - 04/25		Okaloosa Island Coastal Storm Risk Management Surveys - Okaloosa Island, FL Program Manager - Managed topographic and hydrographic surveying services to provide current beach and nearshore elevation data to compare with previous and future elevation data. The data is necessary to assess changes, damage, or adverse effects and the need for any mitigative responses. Work was conducted on-shore and off-shore.							
03/24 - 05/24		St. Stephen Power Plant Canal Survey - St. Stephen, SC Program Manager - Managed a topographic, hydrographic, and SUE investigation to two existing bridges crossing the canal near the St. Stephen Power Plant. Conventional survey methods were used in areas where GPS could not be used. GPS and conventional methods were used to establish targets across and below the bridge for LiDAR acquisition. Mobile LiDAR data was collected using a Velodyne HDL-32E LiDAR sensor mounted to a hydrographic surveying vessel and a pickup truck to acquire bridge clearance.							

Ryan Chapman, PLS, contd.

07/23 - 07/23	Compass Minerals Ferry Crossing Survey - Franklin, LA Program Manager - Managed an annual survey of the cable ferry crossing the intracoastal waterway. This crossing is the only access to the Compass Minerals mine in Franklin LA. Prior to bathymetric data collection Lowe set a deep rod monument near the jobsite. GPS static observations were collected and post-processed to establish horizontal and vertical coordinates. Sound velocity measurements were taken through the water column within the survey limits. Multibeam data was collected using Norbit and Hypack software. Equipment offsets were measured using a Leica GS 16 and input into the multibeam collection software. The collected multibeam data was post-processed and checked against the previously collected RTK water bottom shots.
06/23 - 07/23	Rigolets CSX Railroad Bridge Survey - Rigolets, LA Program Manager - Managed collection of topographic and hydrographic data of an existing railroad bridge crossing. GPS and conventional methods were used to establish targets across the bridge for the LiDAR survey. LiDAR data was collected across the bridge to pick up overhead bridge data. Crews performed a high precision single-beam hydrographic survey of the area with a minimum 3' water depth using a bow mounted an ODOM 3-degree transducer and Hypack software. LiDAR data was collected with the assistance of a drone.
06/23 - 06/23	Bayou Des Allemands Pipeline As-Built Survey, Des Allemands, LA Project Manager - Managed location of an existing 12" pipeline across Bayou Des Allemands and the adjacent marsh, specifically focusing on areas with reported exposed pipe. The project involved a G-882 Marine magnetometer, G-823A Land magnetometer, a 21' cabin boat, and an airboat. A new control point was established on each end of the project site by collecting two 180-epoch observations on each control point. Collected data was post processed and coordinates of the new control points were provided to the field staff. Project deliverables included an AutoCAD file with linework of collected features near the pipeline and the located pipeline. A CSV file containing all collected and processed point data was also provided.
06/20 - 08/20	Cow Bayou Hydrographic, Topographic, Boundary, and SUE Surveys - Orange County, TX Project Manager - Post-hurricane hydrographic, topographic, and bathymetric survey, including setting three new GPS control points. Data on these and four existing monuments, with data from the three new ones processed using a 3D constrained adjustment for horizontal and vertical coordinates. Work required 1,000-foot cross-sections along proposed levee centerline every 100' for approximately 1.5 miles at a shot spacing of up to 25'.
05/20 - 07/20	Bonnet Carre Spillway, Upper Guide Levee Survey - St. Charles Parish, LA Project Manager - Hydrographic and topographic survey. Collection of footprints only of roads, ramps, and bridges, such as Airline Highway, railroads, etc. Scope further included flood-side cross-sections, use of an sUAS (drone), and laser scanner. No utilities except those crossing the levee and drainage structures.

Firm employed by Lowe Engineers, LLC			
Name	Josh Daniel, PLS	Years of relevant experience with this employer	24
Title	Quality Assurance	Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization	GPS Training, OSHA HazMat Emergency Response Training, Annual Updates for OSHA and First Aid / CPR Certification		
Active registration number / state / expiration date	No. S33665 / AL / Expires 12/31/2026, No. 4285 / KY / Expires 6/30/2027		
Year registered	2013 AL / 2019 KY	Discipline	PLS
Contract role(s) / brief description of responsibilities	Quality Assurance - Responsible for quality assurance of performance and in preparation of hydrographic survey deliverables.		
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).		
05/24 - 06/25	Port of Iberia West Yard Bulkhead Improvements - Port of Iberia, LA Quality Assurance - Provided quality assurance for survey support services for the construction of two new bulkheads at the Port of Iberia for LA DOTD and Merrick. Initial project efforts included performing a preliminary topographic survey of the project site to support the design and planning phases of the project. In addition, Lowe completed a tight first-class differential level survey between all project control benchmarks to verify vertical control throughout the site and establish reliable survey control for construction activities. Construction stakeout and layout services were also provided. Monthly deliverables, CAD files, survey reports, and as-built documentation were prepared and submitted on schedule in accordance with project requirements.		
11/24 - 04/25	Okaloosa Island Coastal Storm Risk Management Surveys - Okaloosa Island, FL Quality Assurance - Provided quality assurance for topographic and hydrographic surveying services to provide current beach and nearshore elevation data to compare with previous and future elevation data. The data is necessary to assess changes, damage, or adverse effects and the need for any mitigative responses. Work was conducted on-shore and off-shore.		
03/24 - 05/24	St. Stephen Power Plant Canal Survey - St. Stephen, SC Quality Assurance - Provided quality assurance for a topographic, hydrographic, and SUE investigation to two existing bridges crossing the canal near the St. Stephen Power Plant. Conventional survey methods were used in areas where GPS could not be used. GPS and conventional methods were used to establish targets across and below the bridge for LiDAR acquisition. Mobile LiDAR data was collected using a Velodyne HDL-32E LiDAR sensor mounted to a hydrographic surveying vessel and a pickup truck to acquire bridge clearance.		
06/23 - 07/23	Rigolets CSX Railroad Bridge Survey - Rigolets, LA Quality Assurance - Provided quality assurance for collection of topographic data, initially, of an existing railroad bridge. GPS and conventional methods were used across the bridge for the LiDAR survey. Crews performed a high precision single-beam hydrographic survey of the area using a bow-mounted an ODOM 3-degree transducer and Hypack software.		

Firm employed by Lowe Engineers, LLC				
Name	Lance Evans, LSIT, CST Level I		Years of relevant experience with this employer	6
Title	Project Manager		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization			Attending Northwestern State University, Business Administration Attending South Louisiana Community College, Civil Surveying	
Active registration number / state / expiration date			No. 0L0666 / NV / Does Not Expire NSPS-CST I, No. 0515-5098 / Nationwide / Expires 06/30/2027	
Year registered	2022	Discipline	LSIT	
Contract role(s) / brief description of responsibilities			Project Manager – Responsible for management and oversight of survey standards compliance, quality assurance, and assistance with data analysis, as well as keeping projects on time and on budget.	
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).			
05/24 – 06/25	Port of Iberia West Yard Bulkhead Improvements – Port of Iberia, LA Project Manager – Oversaw survey support services for the construction of two new bulkheads at the Port of Iberia for LA DOTD and Merrick. Initial project efforts included performing a preliminary topographic survey of the project site to support the design and planning phases of the project. Construction stakeout and layout services were also provided. Monthly deliverables, CAD files, survey reports, and as-built documentation were prepared and submitted on schedule in accordance with project requirements.			
11/24 – 04/25	Okaloosa Island Coastal Storm Risk Management Surveys – Okaloosa Island, FL Project Manager – Oversaw topographic and hydrographic surveying services to provide current beach and nearshore elevation data to compare with previous and future elevation data. The data is necessary to assess changes, damage, or adverse effects and the need for any mitigative responses. Work was conducted on-shore and off-shore.			
03/24 – 05/24	St. Stephen Power Plant Canal Survey – St. Stephen, SC Project Manager – Managed a topographic, hydrographic, and SUE investigation to two existing bridges crossing the canal near the St. Stephen Power Plant. Conventional survey methods were used in areas where GPS could not be used. GPS and conventional methods were used to establish targets across and below the bridge for LiDAR acquisition. Mobile LiDAR data was collected using a Velodyne HDL-32E LiDAR sensor mounted to a hydrographic surveying vessel and a pickup truck to acquire bridge clearance.			
06/23 – 07/23	Rigolets CSX Railroad Bridge Survey – Rigolets, LA Project Manager – Oversaw collection of topographic and hydrographic data of an existing railroad bridge crossing. GPS and conventional methods were used to establish targets across the bridge for the LiDAR survey. Crews performed a high precision single-beam hydrographic survey of the area using a bow mounted an ODOM 3-degree transducer and Hypack software.			

Firm employed by Lowe Engineers, LLC			
Name	Logan Dischler	Years of relevant experience with this employer	3
Title	Field Coordinator	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		High School Diploma	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Field Coordinator - Responsible for hydrographic survey planning, field procedures, reconnaissance, and data evaluation. Collects field data via robotic and GPS methods.	
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).		
05/24 - 06/25	Port of Iberia West Yard Bulkhead Improvements - Port of Iberia, LA Field Coordinator - Coordinated field activities for survey support services for the construction of two new bulkheads at the Port of Iberia for LA DOTD and Merrick. Initial project efforts included performing a preliminary topographic survey of the project site to support the design and planning phases of the project. In addition, Lowe completed a tight first-class differential level survey between all project control benchmarks to verify vertical control throughout the site and establish reliable survey control for construction activities. Construction stakeout and layout services were also provided. Monthly deliverables, CAD files, survey reports, and as-built documentation were prepared and submitted on schedule in accordance with project requirements.		
11/24 - 04/25	Okaloosa Island Coastal Storm Risk Management Surveys - Okaloosa Island, FL Field Coordinator - Coordinated field activities for collection of topographic and hydrographic survey data to provide current beach and nearshore elevation data to compare with previous and future elevation data. The data is necessary to assess changes, damage, or adverse effects and the need for any mitigative responses. Work was conducted on-shore and off-shore.		
07/23 - 07/23	Compass Minerals Ferry Crossing Survey - Franklin, LA Field Coordinator - Coordinated field activities for an annual survey of the cable ferry crossing the intracoastal waterway. This crossing is the only access to the Compass Minerals mine in Franklin LA. GPS static observations were collected and post- processed to establish horizontal and vertical coordinates. Sound velocity measurements were taken through the water column within the survey limits. Multibeam data was collected using Norbit and Hypack software.		
06/23 - 07/23	Rigolets CSX Railroad Bridge Survey - Rigolets, LA Field Coordinator - Coordinated field activities for collection of topographic and hydrographic data of an existing railroad bridge crossing. GPS and conventional methods were used to establish targets across the bridge for the LiDAR survey. Crews performed a high precision single-beam hydrographic survey of the area using a bow mounted an ODOM 3-degree transducer and Hypack software.		

Firm employed by Lowe Engineers, LLC			
Name	Grant Cassidy		Years of relevant experience with this employer
Title	Party Chief		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	High School Diploma, 40 hrs of Civil, Survey, and Mapping Courses		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Party Chief - Responsible for executing and evaluating field surveys. Provides hydrographic, right-of-way, and control survey data with elevations. Collects field data via robotic and GPS methods.		
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).		
05/24 - 06/25	Port of Iberia West Yard Bulkhead Improvements - Port of Iberia, LA Party Chief - Led field surveys for the construction of two new bulkheads at the Port of Iberia for LA DOTD and Merrick. Initial project efforts included performing a preliminary topographic survey of the project site to support the design and planning phases of the project. Construction stakeout and layout services were also provided. Monthly deliverables, CAD files, survey reports, and as-built documentation were prepared and submitted on schedule in accordance with project requirements.		
07/23 - 07/23	Compass Minerals Ferry Crossing Survey - Franklin, LA Party Chief - Leads field survey for an annual survey of the cable ferry crossing the intracoastal waterway. This crossing is the only access to the Compass Minerals mine. GPS static observations were collected and post-processed to establish horizontal and vertical coordinates. Sound velocity measurements were taken through the water column within the survey limits. Multibeam data was collected using Norbit and Hypack software.		
06/23 - 06/23	Bayou Des Allemands Pipeline As-Built Survey, Des Allemands, LA Party Chief - Led field crew for the location of an existing 12” pipeline across Bayou Des Allemands and the adjacent marsh, specifically focusing on areas with reported exposed pipe. A new control point was established on each end of the project site by collecting two 180-epoch observations on each control point. Collected data was post processed and coordinates of the new control points were provided to the field staff. Project deliverables included an AutoCAD file with linework of collected features near the pipeline and the located pipeline. A CSV file containing all collected and processed point data was also provided.		
06/23 - 07/23	Rigolets CSX Railroad Bridge Survey - Rigolets, LA Party Chief - Led field crews collecting topographic and hydrographic data of an existing railroad bridge crossing. GPS and conventional methods were used to establish targets across the bridge for the LiDAR survey. Crews performed a high precision single-beam hydrographic survey of the area using a bow mounted an ODOM 3-degree transducer and Hypack software.		

Firm employed by				Lowe Engineers, LLC	
Name	Johnathan Canova		Years of relevant experience with this employer	7	
Title	Party Chief		Years of relevant experience with other employer(s)	2	
Degree(s) / Years / Specialization			General Education Development, Franklin High School, 2012		
Active registration number / state / expiration date			N/A		
Year registered	N/A		Discipline	N/A	
Contract role(s) / brief description of responsibilities			Party Chief - Responsible for executing and evaluating field surveys. Provides hydrographic, right-of-way, and control survey data with elevations. Collects field data via robotic and GPS methods.		
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).			
05/24 - 06/25		Port of Iberia West Yard Bulkhead Improvements - Port of Iberia, LA Party Chief - Led field surveys for the construction of two new bulkheads at the Port of Iberia for LA DOTD and Merrick. Initial project efforts included performing a preliminary topographic survey of the project site to support the design and planning phases of the project. Construction stakeout and layout services were also provided. Monthly deliverables, CAD files, survey reports, and as-built documentation were prepared and submitted on schedule in accordance with project requirements.			
06/23 - 07/23		Rigolets CSX Railroad Bridge Survey - Rigolets, LA Party Chief - Led field crews for collection of topographic and hydrographic data for an existing railroad bridge crossing. GPS and conventional methods were used to establish targets across the bridge for the LiDAR survey. Crews performed a high precision single-beam hydrographic survey of the area using a bow mounted an ODOM 3-degree transducer and Hypack software.			
03/23 - 05/23		Pearl River Boat Launch Survey - Pearl River, LA Party Chief - Led field crew to identify right-of-way line for the Pearl River turn-around and to distinguish ownership of neighboring parcels to the boat launch. Topographical features were collected of the roads, riverbanks and utilities in the area using total station methods. Once our boat with the SonarMite attached was deployed, the bathymetric survey determined the depth of the channel and existing boat launch. Combinations of the data were sent to the client.			
08/22 - 10/22		Menetre Park Public Boat Launch Survey - Covington, LA Party Chief - Led field crews for boundary, topographic, and bathymetric survey. Work included identification and location of the right-of-way for Water Street. Once a closed loop of control points was completed, the boundary was measured in by one crew, while a second crew began the topographic survey to speed up the effort. Once our boat was deployed, the bathymetric survey determined the depth of the channel and existing boat launch.			

Firm employed by Lowe Engineers, LLC				
Name	Steven Hebert, PLS		Years of relevant experience with this employer	7
Title	Lead Draftsman		Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		BS, General Studies - Southeastern Louisiana University, 2015 30 Hours Surveying Courses - University of Wyoming, 2018 Certified Draftsman - Delgado Community College, New Orleans		
Active registration number / state / expiration date		No. 5372 / LA / Expires 09/30/2027		
Year registered	2025	Discipline	PLS	
Contract role(s) / brief description of responsibilities		Lead Draftsman - Management of data analysis, maps, and electronic deliverables clearly illustrating hydrographic elevations.		
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).			
05/24 - 06/25	Port of Iberia West Yard Bulkhead Improvements - Port of Iberia, LA Lead Draftsman - Managed data analysis and electronic deliverables for the construction of two new bulkheads at the Port of Iberia for LA DOTD and Merrick. Initial project efforts included performing a preliminary topographic survey of the project site to support the design and planning phases of the project. Construction stakeout and layout services were also provided. Monthly deliverables, CAD files, survey reports, and as-built documentation were prepared and submitted on schedule in accordance with project requirements.			
11/24 - 04/25	Okaloosa Island Coastal Storm Risk Management Surveys - Okaloosa Island, FL Lead Draftsman - Managed data analysis and electronic deliverables for topographic and hydrographic surveying services to provide current beach and nearshore elevation data to compare with previous and future elevation data. The data was necessary to assess changes, damage, or adverse effects and the need for any mitigative responses. Work was conducted on-shore and off-shore.			
07/23 - 07/23	Compass Minerals Ferry Crossing Survey - Franklin, LA Lead Draftsman - Managed data analysis and electronic deliverables for an annual survey of the cable ferry crossing the intracoastal waterway. This crossing is the only access to the Compass Minerals mine in Franklin LA. GPS static observations were collected and post- processed to establish horizontal and vertical coordinates. Sound velocity measurements were taken through the water column within the survey limits. Multibeam data was collected using Norbit and Hypack software.			
06/23 - 07/23	Rigolets CSX Railroad Bridge Survey - Rigolets, LA Lead Draftsman - Managed data analysis and electronic deliverables for collection of topographic and hydrographic data for an existing railroad bridge crossing. GPS and conventional methods were used to establish targets across the bridge for the LiDAR survey. Crews performed a high precision single-beam hydrographic survey of the area using a bow mounted an ODOM 3-degree transducer and Hypack software.			

Firm employed by Lowe Engineers, LLC			
Name	Ryan Bellendorf, CST Level I	Years of relevant experience with this employer	7
Title	CADD Technician	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		High School Diploma, Covington High School, 2007	
Active registration number / state / expiration date		NSPS-CST I, No. 0518-6066 / Nationwide / Expires 06/30/2026 (Will Renew)	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		CADD Technician - Responsible for processing field data, compiling collected information, and preparing hydrographic drawings, with calculations of survey data in AutoCAD. Ensures correct data is collected for illustrations.	
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).		
05/24 – 06/25	Port of Iberia West Yard Bulkhead Improvements - Port of Iberia, LA CADD Technician - Produced CADD deliverables for the construction of two new bulkheads at the Port of Iberia for LA DOTD and Merrick. Initial project efforts included performing a preliminary topographic survey of the project site to support the design and planning phases of the project. Construction stakeout and layout services were also provided. Monthly deliverables, CAD files, survey reports, and as-built documentation were prepared and submitted on schedule in accordance with project requirements.		
06/23 – 07/23	Rigolets CSX Railroad Bridge Survey - Rigolets, LA CADD Technician - Produced CADD deliverables for collection of topographic and hydrographic data for an existing railroad bridge crossing. GPS and conventional methods were used to establish targets across the bridge for the LiDAR survey. Crews performed a high precision single-beam hydrographic survey of the area using a bow mounted an ODOM 3-degree transducer and Hypack software.		
03/23 – 05/23	Pearl River Boat Launch Survey - Pearl River, LA CADD Technician - Produced CADD deliverables for a project to identify right-of-way line for the Pearl River turn-around and to distinguish ownership of neighboring parcels to the boat launch. Topographical features were collected of the roads, riverbanks and utilities in the area using total station methods. Once our boat with the SonarMite attached was deployed, the bathymetric survey determined the depth of the channel and existing boat launch. Combinations of the data were sent to the client..		
12/22 – 03/23	Pruden Creek Drainage Improvements Survey - Covington, LA CADD Technician - Produced CADD deliverables for a survey and collected data of Pruden Creek for drainage improvement purposes. The scope of work included physical locations of the creek as well as creek defining cross sections to be obtained anywhere from 50’ to 500’. All drainage structures were located as well as Live Oak trees 18” DBH and greater with its driplines. Benchmarks were set throughout the site. Project was compiled using LSPC system with NAVD 1988.		

Firm employed by Lowe Engineers, LLC				
Name	Shaun Clements		Years of relevant experience with this employer	4
Title	CADD Technician		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization			AS, Applied Science Computer Drafting and Design - ITT Technical Institute, 2015	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			CADD Technician - Responsible for processing field data, compiling collected information, and preparing hydrographic drawings, with calculations of survey data in AutoCAD. Ensures correct data is collected for illustrations.	
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).			
05/24 - 06/25	Port of Iberia West Yard Bulkhead Improvements - Port of Iberia, LA CADD Technician - Produced CADD deliverables for the construction of two new bulkheads at the Port of Iberia for LA DOTD and Merrick. Initial project efforts included performing a preliminary topographic survey of the project site to support the design and planning phases of the project. Construction stakeout and layout services were also provided. Monthly deliverables, CAD files, survey reports, and as-built documentation were prepared and submitted on schedule in accordance with project requirements.			
11/24 - 04/25	Okaloosa Island Coastal Storm Risk Management Surveys - Okaloosa Island, FL Project Manager - Produced CADD deliverables for topographic and hydrographic surveying services to provide current beach and nearshore elevation data to compare with previous and future elevation data. The data is necessary to assess changes, damage, or adverse effects and the need for any mitigative responses. Work was conducted on-shore and off-shore.			
06/23 - 07/23	Rigolets CSX Railroad Bridge Survey - Rigolets, LA CADD Technician - Produced CADD deliverables for collection of topographic and hydrographic data for an existing railroad bridge crossing. GPS and conventional methods were used to establish targets across the bridge for the LiDAR survey. Crews performed a high precision single-beam hydrographic survey of the area using a bow mounted an ODOM 3-degree transducer and Hypack software.			
03/23 - 05/23	Pearl River Boat Launch Survey - Pearl River, LA CADD Technician - Produced CADD deliverables for a project to identify right-of-way line for the Pearl River turn-around and to distinguish ownership of neighboring parcels to the boat launch. Topographical features were collected of the roads, riverbanks and utilities in the area using total station methods. Once our boat with the SonarMite attached was deployed, the bathymetric survey determined the depth of the channel and existing boat launch. Combinations of the data were sent to the client.			

17. Firm Experience:

Firm name	Lowe Engineers, LLC		Discipline(s)*	Survey
Project name	Rigolets Bridge CSX Railroad Survey		Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	HDR, Inc.	
Project location	Rigolets, LA		Owner's Project Manager	Nabil Hamadani
Owner's address, phone, email	9999 Carver Road, #210, Cincinnati, OH 45242, 513.984.7500, nabil.hamadani@hdrinc.com			
Services commenced by this firm (mm/yy)	06/23	Total consultant contract cost (\$1,000's)		\$40,000
Services completed by this firm (mm/yy)	07/23	Cost of consultant services provided by this firm (\$1,000's)		\$40,000

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

Lowe Engineers was tasked with collecting topographic and hydrographic data of an existing railroad bridge crossing. RTK Base Rovers were used to collect topographic data in areas not affected by overhead bridge structures. Conventional survey methods were used in areas GPS would not allow. LiDAR data was collected across the bridge to pick up overhead bridge data. Crews performed a high precision single-beam hydrographic survey of the area with a minimum 3' water depth using a bow-mounted ODOM 3-degree transducer and Hypack software. RTK water bottom shots were also collected with the survey limits as a check for single-beam system performance. Sound velocity measurements were taken through the water column within the survey limits. The collected single-beam data was post-processed and checked against the previously collected RTK water bottom shots.

LiDAR data was collected with the assistance of a drone. We used the DJI Matrice 600-series with a Velodyne LiDAR unit. For control and point-cloud adjustment, we set targets along both sides of the bridge at a distance no longer than 500'. We also collected GPS static readings at a speed of 5 hertz (0.2 seconds) for a minimum of 2 hours. This GPS static was then processed through OPUS and used to assist us in the point-cloud creation procedure. After field work was completed, we used Inertial Explorer and Scanlook PC, two programs that, when combined, provide a georeferenced and adjusted point-cloud (LAZ or LAS file). Once we had the LAS or LAZ file, we ran some quick checks with the help of a program called Global Mapper. The last step was data extraction. For this, we used TopoDOT, an application that works inside MicroStation that is used to import and extract 3D models from point clouds.



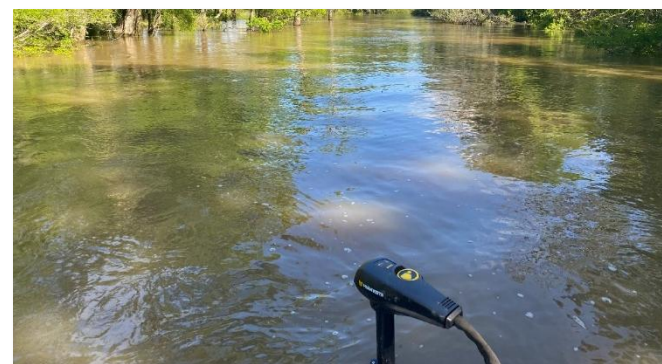
Project was completed on time and on budget.

Team Members Involved: Ryan Chapman, PLS, Lance Evans, LSIT, Josh Daniel, PLS, Logan Dischler, Grant Cassidy, Johnathan Canova, Steven Hebert, PLS, Ryan Bellendorf, Shaun Clements

Firm name	Lowe Engineers, LLC		Discipline(s)*	Survey
Project name	Bayou Des Allemands Pipeline As-Built Survey		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Encompass Energy Services, LLC	
Project location	Des Allemands, LA		Owner's Project Manager	Shawn Richard
Owner's address, phone, email	204 Harold Gauthe Drive, Scott, LA 70583, 225.907.6376, s.richard@encompass.com			
Services commenced by this firm (mm/yy)	06/23	Total consultant contract cost (\$1,000's)		\$23,000
Services completed by this firm (mm/yy)	06/23	Cost of consultant services provided by this firm (\$1,000's)		\$23,000

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

Lowe received the project scope from the client, tasking the team with locating an existing 12" pipeline across Bayou Des Allemands and the adjacent marsh, specifically focusing on areas with reported exposed pipe. The project involved equipment preparation, including the G-882 Marine magnetometer, G-823A Land magnetometer, a 21' cabin boat, and an airboat. The Project Manager created a field packet including a Hypack project file with the approximate pipeline location, and perpendicular lines every 100 feet for data collection.



The field crew mobilized to the project site and met with the client representative to discuss the project scope and safety requirements. As per the scope two new control points needed to be established. An RTK Base/Rover setup was used with the base positioned on an existing NGS Monument. A new control point was established on each end of the project site by collecting two 180 epoch observations on each control point. Collected data was post processed and coordinates of the new control points were provided to the field staff. Pre and post data collection a 180-epoch observation was collected on the NGS monument from one of the recently established control points and deltas were recorded. The crew then commenced locating the existing 12" pipeline, using the RTK Base/Rover setup and collecting data from the 21-foot vessel towing the G-882 Marine magnetometer in areas with over 3 feet of water. In areas shallower than 3 feet, the crew switched to the airboat with the G-823 Lang magnetometer mounted on the bow.

Project deliverables included an AutoCAD file with linework of collected features near the pipeline and the located pipeline. A CSV file containing all collected and processed point data was also provided. The project was completed ahead of schedule, under budget, and without any incidents.

Team Members Involved: Ryan Chapman, PLS, Grant Cassidy, Lance Evans, LSIT, Josh Daniel, PLS

Firm name	Lowe Engineers, LLC		Discipline(s)*	Survey
Project name	Port of Iberia West Yard Bulkhead Improvements		Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	LA DOTD / Merrick, LLC	
Project location	Port of Iberia, LA		Owner's Project Manager	Jonah Poret
Owner's address, phone, email	1332 Front Street, Cottonport, LA 71327, 318.359.1509, jonah@merrickllc.com			
Services commenced by this firm (mm/yy)	05/24	Total consultant contract cost (\$1,000's)		\$94,500
Services completed by this firm (mm/yy)	06/25	Cost of consultant services provided by this firm (\$1,000's)		\$94,500

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

Lowe Engineers was tasked with providing survey support services for the construction of two new bulkheads at the Port of Iberia for LA DOTD and Merrick. Initial project efforts included performing a preliminary topographic survey of the project site to support the design and planning phases of the project. In addition, Lowe completed a tight first-class differential level survey between all project control benchmarks to verify vertical control throughout the site and establish reliable survey control for construction activities.

Throughout construction, Lowe performed monthly survey control verification checks to confirm the integrity and accuracy of the project control network being used for construction of the new bulkheads. Monthly as-built surveys were also completed to document construction progress and confirm installed improvements matched design intent and project specifications.

Lowe additionally provided construction stakeout and layout services as needed during various phases of the project to support contractor operations and maintain project schedules. Raw field data was processed and reviewed promptly following each site visit to ensure quality control and identify any discrepancies requiring attention.

Monthly deliverables, CAD files, survey reports, and as-built documentation were prepared and submitted to Merrick and LA DOTD on schedule in accordance with project requirements. Lowe maintained consistent communication with the client team throughout the duration of the project to ensure all survey support services were completed efficiently and accurately.

Team Members Involved: Ryan Chapman, PLS, Ryan Bellendorf, Steven Hebert, PLS, Shaun Clements, Logan Dischler, Lance Evans, LSIT, Grant Cassidy, Johnathan Canova, Josh Daniel, PLS



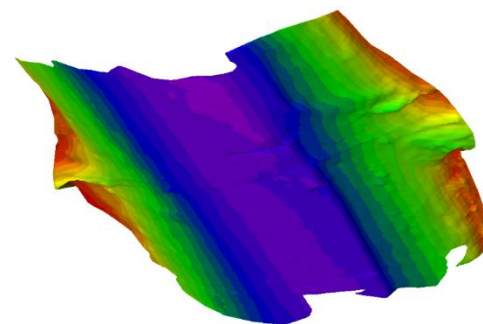
Firm name	Lowe Engineers, LLC		Discipline(s)*	Survey
Project name	Compass Minerals Ferry Crossing Survey		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Compass Minerals	
Project location	Intracoastal Canal, Franklin, LA		Owner's Project Manager	Paul Martin
Owner's address, phone, email	1382 Cote Blanche Road, Franklin, LA 70538, 337.923.7514, martinp@compassminerals.com			
Services commenced by this firm (mm/yy)	07/23	Total consultant contract cost (\$1,000's)		\$15,000
Services completed by this firm (mm/yy)	07/23	Cost of consultant services provided by this firm (\$1,000's)		\$15,000

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

Lowe Engineers was tasked with an annual survey of the cable ferry crossing the intracoastal waterway. This crossing is the only access to the Compass Minerals mine in Franklin LA. Prior to bathymetric data collection, Lowe set a deep rod monument near the jobsite. GPS static observations were collected and post-processed to establish horizontal and vertical coordinates.

Onboard the 21' aluminum-hull "Elise" crews performed a high precision multibeam hydrographic survey of the area with a minimum 3' water depth using a port-mounted Norbit Winghead multibeam, POSMV Ocean Master inertial measurement unit for motion. An RTK base was set on the previously established monument and the RTK Rover was mounted onboard the Elise to continuously collect elevation data on the water surface during multibeam collection. As a secondary QC, water surface shots were collected and recorded through the day with a secondary RTK system and checked against the continuously collected RTK data onboard the Elise. RTK water bottom shots were also collected with the survey limits as a check for multibeam system performance. Sound velocity measurements were taken through the water column within the survey limits.

Multibeam data was collected using Norbit and Hypack software. Equipment offsets were measured using a Leica GS 16 and input into the multibeam collection software. The collected multibeam data was post-processed and checked against the previously collected RTK water bottom shots. As per the scope a 3' post-processed sort was provided to the client along with TIN file and AutoCAD drawing.



Team Members Involved: Ryan Chapman, PLS, Lance Evans, LSIT, Josh Daniel, PLS

Firm name	Lowe Engineers, LLC		Discipline(s)*	Survey
Project name	St. Stephen Power Plant Canal Survey		Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	USACE Charleston District and Burns & McDonnell	
Project location	St. Stephen, SC		Owner's Project Manager	Vince Bredickas
Owner's address, phone, email	4004 Summit Blvd NE, Suite 1200, Atlanta, GA 30319, 678.448.7203, vrbredickas@burnsmcd.com			
Services commenced by this firm (mm/yy)	03/24	Total consultant contract cost (\$1,000's)		\$84,000
Services completed by this firm (mm/yy)	05/24	Cost of consultant services provided by this firm (\$1,000's)		\$84,000

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

Lowe Engineers performed a topographic, hydrographic, and SUE investigation to two existing bridges crossing the canal near the St. Stephen Power Plant. Four primary control points were set on each bank at both bridge crossings. A closed-traverse and level-loop was performed between the established control points prior to topographic data collection. An RTK base-station was set up on the newly established control and broadcasted the position for additional GPS rovers onsite used to collect topographic data in applicable areas. Conventional survey methods were used in areas where GPS could not be used. GPS and conventional methods were used to establish targets across and below the bridge for LiDAR acquisition.

Mobile LiDAR data was collected using a Velodyne HDL-32E LiDAR sensor mounted to a hydrographic surveying vessel and a pickup truck to acquire bridge clearance and to keep crews from traffic patterns. Static LiDAR data was collected using a Leica RTC-360 LiDAR sensor under the bridges. Hydrographic survey crews performed a high-precision multibeam hydrographic survey of the area using a starboard-mounted Norbit Winghead transducer and Hypack software. An RTK base was set on the previously established monument and the RTK data was integrated into the Hypack collection software for "tidal" adjustment. Water-surface shots were collected and recorded throughout the day with a secondary RTK system and checked against the continuously collected RTK data onboard the survey vessel. Additional bottom shots were acquired to check against the subsequently generated surface. Sound velocity measurements were taken through the water column within the survey limits and applied to the data collected.



Team Members Involved: Ryan Chapman, PLS, Lance Evans, LSIT, Josh Daniel, PLS

18. Approach and Methodology:

Provide a description of how the work will be performed and **provide the proposed project schedule**. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages.

INTRODUCTION

Lowe Engineers, LLC (Lowe), a Service-Disabled Veteran-Owned Small Business, operates two offices covering the State of Louisiana with offices in Mandeville and Scott. The location of the offices allows Lowe to be anywhere in the state for a hydrographic survey within hours of receiving a notice to proceed. This allows Lowe to support LA DOTD's need for hydrographic surveying services with the majority of work in the south region of Louisiana. Our longstanding surveying experience in the state, along with our staff's understanding of the type of work and level of expectation LA DOTD has for surveying services, means we are very familiar with applicable training required and excel in meeting or exceeding training requirements.

Our office in Scott, LA will be the principal office performing the services described in the scope of work. Our background performing high-precision surveys, hydrographic surveys, topographic cross-sections, and setting horizontal and vertical control is extensive. LA DOTD can be assured that the job will be performed on-schedule and correct the first time. Our survey teams are equipped with state-of-the-art equipment to perform accurately and efficiently. Standard equipment includes, but is not limited to, robotic total-stations, GPS (RTK/Static), and digital data collectors. Some of the less traditional equipment that our survey crews have are sUAS (drones), terrestrial LiDAR scanners, side-scan sonar, and airboats. Whatever projects present, our survey crews are accustomed to and equipped for the range of work environments across the state.



PAST PERFORMANCE

Lowe has considerable hydrographic and topographic surveying experience in Louisiana. We have more than 40 years of work in Louisiana on both government and private projects. The Mandeville office under the former name of John E. Bonneau & Associates, Inc., before being acquired by Lowe in 2019, has provided surveying services in the state since its founding in 1983. Lowe prides itself on being a company that provides our clients with high quality deliverables in the most timely and efficient manner possible. We have held multiple CPRA, US Army Corps of Engineers, and other contracts in south Louisiana so our crews are very experienced working in the terrain and possess intimate knowledge of the region, its rivers, lakes, bayous, and bays.



CAPACITY

Our Program Manager, Ryan Chapman, PLS, has over 26 years of professional land surveying experience, serving a diverse list of clients throughout the southern United States, and particularly Louisiana. This experience has given him the expertise necessary to handle unique demands and time constraints of a wide spectrum of projects. Ryan has performed and prepared geodetic, utility, topographic, hydrographic, and utilities surveys. His background as both a Project Manager and Professional Land Surveyor makes him extremely qualified to manage this LA DOTD contract.

Personnel assigned to this contract possess over 145 years of collective surveying experience. Moreover, we have 5 field crews of hydrographic surveyors who can quickly augment the proposed team if necessary.

OUR COMMITMENT

Lowe Engineers is dedicated to delivering best-value services and solutions based on innovative applications of science and technology. We have an uncompromising commitment to providing high quality technical products and services, while meeting the highest moral and ethical standards in the performance of our jobs. Our clients value this and have been extremely satisfied with the level of service we have provided on their projects. We have the technical skills, management structure, resources, equipment, and expertise in best practices to carry out our commitment. Our objective is to build positive and responsive working relationships with each of our clients. These relationships are built around three principles: Quality, Integrity, and Professionalism.

Our core values further include going the extra mile for our clients, loyalty to those we work with, positive relationships, doing what we say we are going to do, and believing in the glass being half-full.

EQUIPMENT

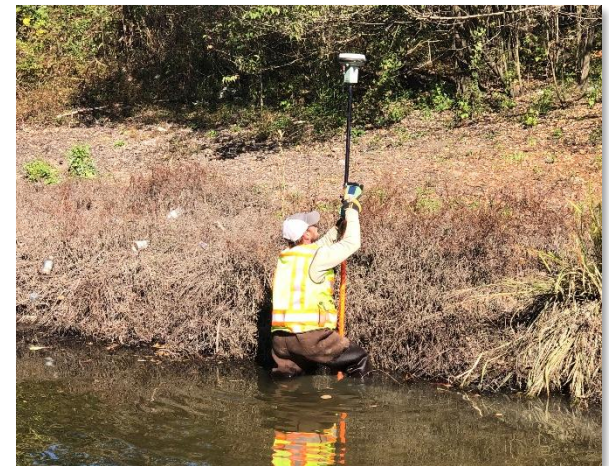
We understand that compilation of survey data is as important to a project's successful completion as the collection itself. Because of this, we hold regular meetings throughout the survey process to ensure all aspects are 100% covered. Illustrated in the table that follows are all the tools we utilize in our work.

Company Equipment List			
Field Equipment		Marine Equipment	
Leica GPS Equipment (RTK/Static)		Cabined-Boats	
GS-15	4	Length/Make	Propulsion
GS-16	10	33' Hanko's	Honda 150 (2)
GS-18	15	25' Sea Ark	E-Tec 75 HP (2)
Leica Robotic Total Stations		Center-Console Boats	
TS-12	4	18' Silver G3	Yamaha 60 HP
TS-13	2	18' Brown G3	Yamaha 60 HP
TS-15	2	16' Carolina Skiff	Yamaha 50 HP
TS-16	12	Airboats	
Levels		17' Alumitech	3-Blade Prop
Auto-levels (NA700 Series)	15	22' Alumitech	4-Blade Prop
Digital Levels (DNA Series)	3	Hydrographic Sensors	
Vehicles		Model	Quantity
2-wheel drive train	20	Multibeam	1
4-wheel drive train	20	Single-Beam	5
ATV (4-wheeler)	2	Odom MKIII	2
UTV (side-by-side)	2	Odom CV200	2
Unmanned Aerial Systems		Magnetometer	1
Mavic 2 Pro (rotary-wing)	2	Side-Scan Sonar	1
3DR Solo (rotary-wing)	3	Office Equipment	
eBee RTK (fixed-wing)	1	Computers	50
S.O.D.A. 20mp Camera	1	Hypack Licenses	6
DJI Matrice (rotary-wing)	1	AutoCAD Licenses	12
Veledyne HDL-32E LiDAR	1	MicroStation Licenses	8

SAMPLE SCHEDULE

Below is an example of a schedule for a typical hydrographic survey.

- Day 1-2
 - Receive project Notice to Proceed.
 - Locate and check required equipment.
 - Mobilize equipment and crew to jobsite.
 - Develop project Health and Safety Plan.
- Day 3
 - Meet with an on-site representative (if required).
 - Locate and check existing control or establish new control, if required.
 - Deploy vessel and run required checks.
 - Start collecting required data.
 - Send collected data to the office for processing and quality assurance.
- Day 4-7
 - Set up GPS on existing control.
 - Deploy vessel and run required checks.
 - Send collected data to the office for processing and quality assurance.
- Day 8
 - Demobilize equipment and crew from the job site.
 - Send the remaining collected data to the office for processing and quality assurance.
- Day 9
 - Crew PC will meet office processor to review how the data was collected and answer questions the processor may have.
- Day 10
 - Send processed data to Project Manager for review.
 - Make the required changes or adjustments, if required.
- Day 11
 - Send required deliverables to client for review



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**
Lowe Engineers, LLC	N/A	N/A	N/A	N/A

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 evaluation discipline.

** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. 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.**

Per instructions in Item 4 on the first page.



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Name	Type	City	Status
LOWE ENGINEERS, LLC	Limited Liability Company (Non-Louisiana)	ATLANTA	Active

Previous Names

Business: LOWE ENGINEERS, LLC

Charter Number: 36216866Q

Registration Date: 6/28/2006

Domicile Address

990 HAMMOND DRIVE
SUITE 990
ATLANTA, GA 30328

Mailing Address

990 HAMMOND DRIVE
SUITE 990
ATLANTA, GA 30328

Principal Business Office

990 HAMMOND DRIVE
SUITE 990
ATLANTA, GA 30328

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

1011 NORTH CAUSWAY BLVD,
SUITE 34
MANDEVILLE, LA 70471

Status

Status: **Active**

Annual Report Status: **In Good Standing**

Qualified: 6/28/2006

Last Report Filed: 6/8/2026

Type: Limited Liability Company (Non-Louisiana)

Lowe Engineers, LLC

LOWE

ENGINEERS

Registered Agent(s)

Agent: BUSINESS FILINGS INCORPORATED
Address 1: 3867 PLAZA TOWER DR.
City, State, Zip: BATON ROUGE, LA 70816
Appointment Date: 6/30/2021

Officer(s)

Additional Officers: No

Officer: RICHARD MEEHAN
Title: Member, Manager
Address 1: 990 HAMMOND DR
Address 2: SUITE 900
City, State, Zip: ATLANTA, GA 30328

Officer: WILLIAM DANIEL, III
Title: Member
Address 1: 990 HAMMOND DR
Address 2: SUITE 900
City, State, Zip: ATLANTA, GA 30328

Officer: WILLIAM DANIEL, IV
Title: Member
Address 1: 990 HAMMOND DR
Address 2: SUITE 900
City, State, Zip: ATLANTA, GA 30328

Officer: JON DRYSDALE
Title: Member
Address 1: 990 HAMMOND DRIVE
Address 2: SUITE 900
City, State, Zip: ATLANTA, GA 30328

Officer: JONATHAN GAZAWAY
Title: Member
Address 1: 990 HAMMOND DRIVE
Address 2: SUITE 990
City, State, Zip: ATLANTA, GA 30328

Officer: JASON COMBS
Title: Member
Address 1: 990 HAMMOND DRIVE
Address 2: SUITE 990
City, State, Zip: ATLANTA, GA 30328

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

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.**