



**NTB Associates, Inc.**

Surveyors • GIS • Engineers

[www.ntbainc.com](http://www.ntbainc.com)



**CONTRACT NO. 4400027687**

**IDIQ CONTRACT FOR PROFESSIONAL  
HYDROGRAPHIC SURVEYING SERVICES  
STATEWIDE WITH MAJORITY OF WORK  
IN DISTRICTS 04, 05, 08, AND 58**



LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

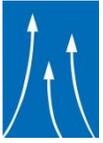
**Office Locations:**

**525 Louisiana Ave.,  
Shreveport, LA 71101  
(318) 226-9199**

**8643 Main St.  
Zachary, LA 70791  
(225) 751-4002**



**September 19, 2023**



**NTB Associates, Inc.**

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September 19, 2023

Louisiana Department of  
Transportation & Development  
Consultant Contract Services  
1201 Capitol Access Road  
Baton Rouge, LA 70802  
[DOTDConsultantAds80@la.gov](mailto:DOTDConsultantAds80@la.gov)

**RE: CONTRACT NO. 4400027687  
IDIQ CONTRACT FOR PROFESSIONAL  
HYDROGRAPHIC SURVEYING SERVICES  
STATEWIDE WITH MAJORITY OF WORK  
IN DISTRICTS 04, 05, 08, AND 58**

Dear Selection Committee:

**NTB Associates, Inc. (NTBA)** is pleased to submit our proposal to the **LaDOTD** for the above referenced contract. **NTBA** is a Louisiana based surveying and engineering small business providing exceptional services to our clients, both private and public for 36 years.

Since 2009, **NTBA** has performed hydrographic surveying services on six **LaDOTD** Hydrographic Retainer Contracts. Over the last fourteen years, **NTBA** staff have completed over a thousand hydrographic surveys statewide. In addition, we have performed hydrographic surveying services of the Ouachita River in Louisiana, Caddo Lake in Louisiana, the Little Red River in Arkansas, the Galveston Marine Facility in Galveston, Texas, the Red River in Shreveport, Louisiana, and the Fort Polk Railroad Consolidation in Texas, just to name a few.

**NTBA** offers a local, highly experienced, and responsive group of professionals and staff who are trained and proficient in specialized hydrographic survey equipment and software. With North & South office locations in Louisiana, we can provide hydrographic surveying services all over the State of Louisiana. We possess the local knowledge and understanding of what is required to complete the scope of work.

We are grateful for our relationship with the **LaDOTD** and look forward to the opportunity to continue to provide our professional surveying services. If you have any question or I can be of any assistance, please do not hesitate to call me at (318) 226-9199.

Sincerely,

NTB Associates, Inc.

Paul B. Rossini, PLS, LS, PS  
President

**SHREVEPORT, LA**  
525 Louisiana Ave.  
Shreveport, LA 71101  
Phone: (318) 226-9199  
Fax: (318) 221-1208

TX Surv No. 10118400  
TX Eng No. F-955

**ZACHARY, LA**  
8643 Main St.  
Zachary, LA 70791  
Phone: (225) 751-4002  
Fax: (225) 751-4006

TX Surv No. 10193873

**MOUNTAIN HOME, AR**  
100 Bomber Blvd.  
Ste. 2  
Mountain Home, AR 72653  
Phone: (870) 425-5353  
Fax: (870) 424-2333

**LITTLE ROCK, AR**  
500 D Pleasant Valley Dr.  
Ste. 102  
Little Rock, AR 72227  
Phone: (501) 664-6380  
Fax: (501) 280-0411

TX Surv No. 10118401

**DOTD FORM: 24-102**

(Revised January 1, 2023)

**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	<b>IDIQ CONTRACT FOR PROFESSIONAL HYDROGRAPHIC SURVEYING SERVICES WITH MAJORITY OF WORK IN DISTRICTS 04, 05, 08, AND 58</b>
2. Contract Number(s) as shown in the advertisement	<b>4400027687</b>
3. State Project Number(s), if shown in the advertisement	<b>N/A</b>
4. Prime consultant name ( <b>name must match as registered with the Louisiana Secretary of State where such registration is required by law</b> )	<b>NTB Associates, Inc.</b>
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	<b>Land Surveying: VF.0000451 Engineering: EF.0002481</b>
6. Prime consultant mailing address	<b>525 Louisiana Ave. Shreveport, LA 71101</b>
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	<b><u>Corporate Headquarters:</u> 525 Louisiana Ave. Shreveport, LA 71101  <u>Branch Office:</u> 8643 Main St. Zachary, LA 70791</b>
8. Name, title, phone number, and email address of prime consultant's contract point of contact	<b>Grant H. Gilleon, PLS, Vice President (318) 469-2006 <u>ggilleon@ntbainc.com</u></b>

<p>9. Name, title, phone number, and email address of the official with signing authority for this proposal</p>	<p><b>Paul B. Rossini, PLS, CEO</b>  <b>(318) 226-9199</b>  <u><b>prossini@ntbainc.com</b></u></p>
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Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

<p>10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.</p>	<p style="text-align: center;">   <hr/>                 Signature above shall be the same person listed in Section 9:                    9/19/23  <hr/>                 Date:             </p>
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<p>11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.</p>	<table style="width: 100%; border: none;"> <tr> <td style="border: none;"><u>Firm(s):</u></td> <td style="border: none; text-align: right;"><u>Firm(s)' %:</u></td> </tr> <tr> <td style="border: none;">N/A</td> <td style="border: none;"></td> </tr> </table>	<u>Firm(s):</u>	<u>Firm(s)' %:</u>	N/A	
<u>Firm(s):</u>	<u>Firm(s)' %:</u>				
N/A					

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

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

<p><b>Sub-consultants are not allowed to be used for this proposal.</b> Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, and the percentage of work in each past performance evaluation discipline to be performed. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work.</p>	
Past Performance Evaluation Discipline(s)	% of Overall Contract
<b>Survey</b>	<b>100%</b>

The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

**13. Firm Size:**

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify “Other (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:

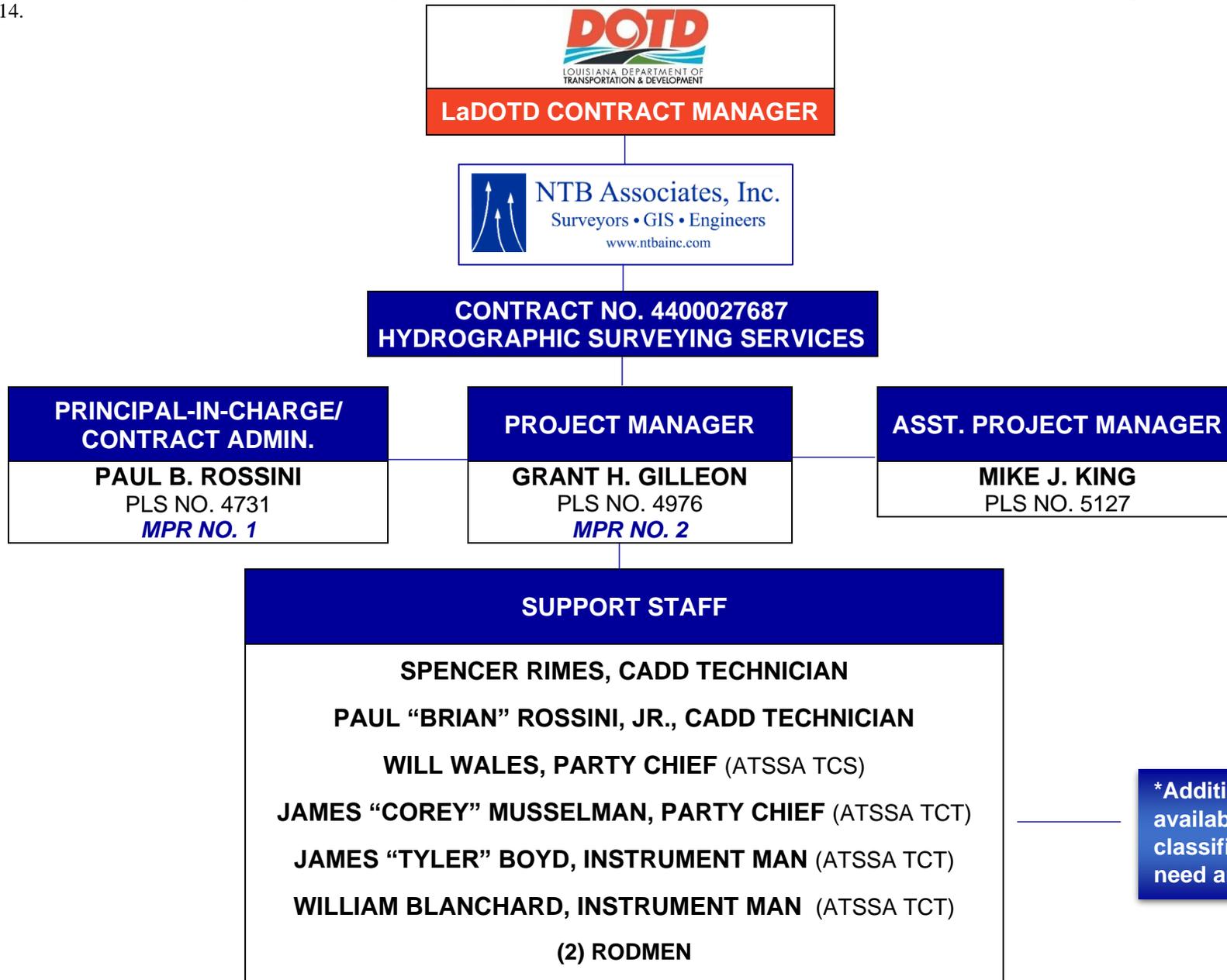
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
 <b>NTB Associates, Inc.</b> Surveyors • GIS • Engineers <a href="http://www.ntbainc.com">www.ntbainc.com</a>	<b>Principal</b>	<b>1</b>	<b>1</b>
	<b>Engineer</b>	<b>0</b>	<b>1</b>
	<b>Surveyor</b>	<b>2</b>	<b>6</b>
	<b>Supervisor Other</b>	<b>1</b>	<b>3</b>
	<b>Senior Technician</b>	<b>0</b>	<b>1</b>
	<b>CADD Technician</b>	<b>2</b>	<b>5</b>
	<b>Technician</b>	<b>0</b>	<b>1</b>
	<b>CADD Drafter</b>	<b>0</b>	<b>6</b>
	<b>Party-Chief</b>	<b>2</b>	<b>19</b>
	<b>Instrument-Man</b>	<b>2</b>	<b>8</b>
	<b>Rodman</b>	<b>2</b>	<b>6</b>

(Add rows as needed)

**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.



**\*Additional support staff available in each classification should the need arise.**

**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
<b>1</b>	<b>Paul B. Rossini</b>	<b>NTB Associates, Inc.</b>	<b>PLS # 4731 – Survey</b>	<b>LA</b>	<b>09/30/24</b>
<b>2</b>	<b>Grant H. Gilleon</b>	<b>NTB Associates, Inc.</b>	<b>PLS # 4976 – Survey</b>	<b>LA</b>	<b>03/31/24</b>

(Add rows as needed)

**16. Staff Experience:**

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by	<b>NTB Associates, Inc.</b>		
Name	<b>Paul Rossini</b>	Years of relevant experience with this employer	<b>36.5</b>
Title	<b>CEO/ Principal</b>	Years of relevant experience with other employer(s)	<b>7</b>
Degree(s) / Years / Specialization	<b>High School Diploma, 1980</b>		
Active registration number / state / expiration date	<b>4731 / Louisiana / 09/30/2024</b>		
Year registered	<b>1994</b>	Discipline	<b>Professional Surveyor</b>
Contract role(s) / brief description of responsibilities	<b>Mr. Paul Rossini, PLS will serve as NTBA Contract Administrator/ Principal-in-Charge during this contract. He will sign all contracts and assist in staffing, logistics, and QA/QC for all LaDOTD services. Paul satisfies MPR No. 1 per the advertisement.</b>		
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).		
<b>09/20 – 09/23</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) Principal-in-Charge</b> of contract administration, staffing, logistics, and QA/QC for <b>single beam and multibeam hydrographic surveying services</b> for multiple bridges at scheduled intervals upstream and downstream for 179 sites to date throughout southern districts.		
<b>08/18 – 11/21</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400012669) Principal-in-Charge</b> of staffing, logistics, training, and QA/QC for <b>single beam and multibeam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 320 sites throughout southern districts.		
<b>12/20 – 03/22</b>	<b>LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Principal-in-Charge</b> of contract administration, staffing, logistics, and QA/QC for a <b>multibeam hydrographic survey</b> of the bridge structure piers to determine scour impact.		
<b>02/18 – 10/19</b>	<b>City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Principal-in-Charge</b> of staffing, logistics, training, and QA/QC for <b>single beam and multibeam hydrographic surveying services</b> to accurately determine the river bottom and channel location in association with the design of a new stormwater outfall into the river.		
<b>02/16 – 08/18</b>	<b>LaDOTD Retainer Contract for Hydrographic Monitoring of Existing Bridges, Statewide, LA (4400006381 &amp; H.008768) Principal-in-Charge</b> of staffing, logistics, training, and QA/QC for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 225 sites throughout the state including tasks for emergency surveys for historical floods.		
<b>07/14 – 02/15</b>	<b>LaDOTD LA 16 Amite Drainage Improvements, Route LA 16, Tangipahoa Parish, LA (4400001798 &amp; H.009425.5) Principal-in-Charge</b> of contract administration, staffing, logistics, and QA/QC for a <b>single beam hydrographic survey</b> of the drainage pond and related outfalls on this project to collect the runoff of the drainage system.		
<b>04/14 – 04/14</b>	<b>Hydrographic Survey of the Ouachita River, Monroe, LA (Agency Proj. No. Unknown) Principal-in-Charge</b> of contract administration, staffing, logistics, and QA/QC for a <b>single beam hydrographic survey</b> to determine the river bottom elevations at a predetermined line in order to plan a directional drill for a new fiber optic line under the river.		

04/13 – 09/13	<b>LaDOTD LA 506 Castor Relief Bridges, Route LA 506, Caldwell Parish, LA (345-03-0029, 400001798, &amp; H.002650.5) Principal-in-Charge</b> of contract administration, staffing, logistics, and QA/QC for <b>single beam hydrographic surveys</b> as related to the creeks and tributaries crossing beneath the 7 bridges along the project route for use as basis for engineering design.
08/11 – 07/13	<b>Field Data Measurements within the Atchafalaya Basin, Buffalo Cove Area, LA (Agency Proj. No. Unknown) Principal-in-Charge</b> of contract administration, staffing, logistics, and QA/QC for GPS control and <b>single beam hydrographic surveying services</b> at predetermined locations across approx. 200 sq. miles of Atchafalaya Basin as a sub-consultant to Coastal Environments, Inc.
12/11 – 11/12	<b>LaDOTD Retainer Contract for Professional Hydrographic Surveying Services, Statewide, LA (400001798 &amp; H.008768.5) Principal-in-Charge</b> of contract administration, staffing, logistics, and QA/QC for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 106 sites throughout northern districts.
11/12 – 11/12	<b>Hydrographic Survey, Little Red River, Jack East Draw Point, Heber Springs, AR (Agency Proj. No. Unknown) Principal-in-Charge</b> of contract administration, staffing, logistics, and QA/QC for <b>single beam hydrographic surveys</b> for 5 locations on the Little Red River for environmental studies and permitting as a sub-consultant to Nixon Engineering Solutions.
04/11 – 12/11	<b>LaDOTD Retainer Contract for Hydrographic Survey Monitoring, Statewide, LA (4400000681 &amp; 700-99-0525) Principal-in-Charge</b> of contract administration, staffing, logistics, and QA/QC for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 64 sites throughout northern districts.
07/09 – 05/11	<b>LaDOTD Retainer Contract for Professional Surveying Services, Statewide, LA (4400000665 &amp; 700-99-0483) Principal-in-Charge</b> of contract administration, staffing, logistics, and QA/QC for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 187 sites throughout the State.
04/08 – 01/09	<b>Calcasieu Parish Police Jury, HMGP Hurricane Katrina/Rita Funding, Storm Water Master Planning Project, Houston River &amp; English Bayou Basin Watershed, Calcasieu Parish, LA (Agency Proj. No. Unknown) Principal-in-Charge</b> of contract administration, staffing, logistics, and QA/QC for GPS control, topographic, and <b>single beam hydrographic surveying services</b> in accordance to FEMA standards as a sub-consultant to URS Corp., an AECOM Company.
01/98 – 12/98	<b>SWEPCO Red River Crossing 169 KV Line Topographic and Hydrographic Surveys, Shreveport, LA (Agency Proj. No. Unknown) Surveyor-in-Charge</b> of boundary, topographic, and <b>single beam hydrographic surveys</b> , related mapping, courthouse research, plats, legal descriptions, and structure staking for the re-routing of 169 KV line under the Red River. Several revisions for the project required many re-surveys of the project including boundary and topographic surveying, mapping, research and use of state-of-the-art DGPS <b>hydrographic equipment</b> .
12/96 – 02/97	<b>SWEPCO Red River Crossing, Shreveport, LA (Agency Proj. No. Unknown) Surveyor-in-Charge</b> performed property and a <b>single beam hydrographic survey</b> required to design and layout proposed 2,800 ft. directional bore under the Red River for the purpose of re-routing an electric transmission line from Shreveport to Bossier City, LA. Prepared plats and legal descriptions for the required right-of-way and easements.
01/92 – 12/94	<b>Hydrographic Survey of Red River, Shreveport LA (Agency Proj. No. Unknown) Surveyor-in-Charge</b> performed <b>single beam hydrographic surveys</b> for the study of west bank erosion and scour analysis at two bridges along the length of the Clyde Fant Parkway (approximately three miles).

Firm employed by	<b>NTB Associates, Inc.</b>		
Name	<b>Grant H. Gilleon</b>	Years of relevant experience with this employer	<b>15.5</b>
Title	<b>Vice President</b>	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization	<b>B.S. / 1987 / Construction Engineering Technology, University of Southern Mississippi</b>		
Active registration number / state / expiration date	<b>4976 / Louisiana / 03/31/2024</b>		
Year registered	<b>2007</b>	Discipline	<b>Professional Surveyor</b>
Contract role(s) / brief description of responsibilities	<b>Mr. Grant Gilleon, PLS will serve as Project Manager for hydrographic surveys during this contract. He will manage survey crews, training, processing, drafting, and submittals. Grant satisfies MPR No. 2 per the advertisement.</b>		
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).		
<b>09/20 – 09/23</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>single beam and multibeam hydrographic surveying services</b> for multiple bridges at scheduled intervals upstream and downstream for 179 sites to date throughout southern districts.		
<b>11/22 – 12/22</b>	<b>ThermalTech Ouachita River Hydrographic Survey, Ashley County, AR (13004.330) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>multibeam hydrographic surveying services</b> to obtain elevations throughout the channel length along the Ouachita River from Monroe, Louisiana to Crossett Harbor west of Crossett, Arkansas.		
<b>07/22 – 07/22</b>	<b>KZJV Plaquemines Parish Hydrographic Survey, LA (000078-574141) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>multibeam hydrographic surveying services</b> including side scan sonar in the vicinity of the Plaquemines LNG Plant near a proposed Firewater Platform along the south end of the Mississippi River to confirm the depths beneath the platform and river water pumps.		
<b>12/20 – 03/22</b>	<b>LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Quality Control Surveyor</b> assisted in management of field crew for a <b>multibeam hydrographic survey</b> of the bridge structure piers to determine scour impact.		
<b>08/18 – 11/21</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400012669) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>single beam and multibeam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 320 sites throughout southern districts.		
<b>10/20 – 11/20</b>	<b>Caddo Lake Hydrographic Profile Survey, Caddo Parish, LA (Agency Proj. No. Unknown) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>single beam hydrographic surveying services</b> in support of a directional bore design. The crew obtained a cross section of the lake parallel to the LA Hwy. 1 bridge determining depths and elevations at 20’ intervals for a total distance of 1,100 feet.		
<b>02/18 – 10/19</b>	<b>City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Project Manager</b> supervised <b>single beam and multibeam hydrographic surveying services</b> to accurately determine the river bottom and channel location in association with the design of a new stormwater outfall into the river.		
<b>02/16 – 08/18</b>	<b>LaDOTD Retainer Contract for Hydrographic Monitoring of Existing Bridges, Statewide, LA (4400006381 &amp; H.008768) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 225 sites throughout the State including tasks for emergency surveys for historical floods.		

12/15 – 01/16	<b>City of Shreveport, Bickham Bayou Emergency Sewer Repairs, Shreveport, LA (Agency Proj. No. Unknown) Project Manager</b> directed field crews, file processing, drafting, and submittals for topographic and <b>single beam hydrographic surveying services</b> .
07/14 – 02/15	<b>LaDOTD LA 16 Amite Drainage Improvements, Route LA 16, Tangipahoa Parish, LA (4400001798 &amp; H.009425.5) Project Manager</b> directed field crews, file processing, drafting, and submittals for a <b>single beam hydrographic survey</b> of the drainage pond and related outfalls on this project to collect the run-off of the drainage system.
04/14 – 04/14	<b>Hydrographic Survey of the Ouachita River, Monroe, LA (Agency Proj. No. Unknown) Project Manager</b> directed field crews, file processing, drafting, and submittals for a <b>single beam hydrographic survey</b> to determine the river bottom elevations at a predetermined line in order to plan a directional drill for a new fiber optic line under the river.
04/13 – 09/13	<b>LaDOTD LA 506 Castor Relief Bridges, Route LA 506, Caldwell Parish, LA (345-03-0029, 400001798, &amp; H.002650.5) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>single beam hydrographic surveys</b> as related to the creeks and tributaries crossing beneath the 7 bridges along the project route for use as basis for engineering design.
08/11 – 07/13	<b>Field Data Measurements within the Atchafalaya Basin, Buffalo Cove Area, LA (Agency Proj. No. Unknown) Project Surveyor</b> supervised GPS control and <b>single beam hydrographic surveying services</b> at predetermined locations across approx. 200 sq. miles of Atchafalaya Basin as a sub-consultant to Coastal Environments, Inc.
12/11 – 11/12	<b>LaDOTD Retainer Contract for Professional Hydrographic Surveying Services, Statewide, LA (400001798 &amp; H.008768.5) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 106 sites throughout northern districts.
11/12 – 11/12	<b>Hydrographic Survey, Little Red River, Jack East Draw Point, Heber Springs, AR (Agency Proj. No. Unknown) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>single beam hydrographic surveys</b> for 5 locations on the Little Red River for environmental studies and permitting as a sub-consultant to Nixon Engineering Solutions.
04/11 – 12/11	<b>LaDOTD Retainer Contract for Hydrographic Survey Monitoring, Statewide, LA (4400000681 &amp; 700-99-0525) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 64 sites throughout northern districts.
07/09 – 05/11	<b>LaDOTD Retainer Contract for Professional Surveying Services, Statewide, LA (4400000665 &amp; 700-99-0483) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 187 sites throughout the State.
12/07 – 12/07	<b>Port of New Orleans, New Orleans, LA (Agency Proj. No. Unknown) Project Surveyor</b> directed <b>single beam hydrographic surveys</b> underneath docks and through the channel of the Mississippi River for maintenance purposes.
01/07 – 11/07	<b>City of Biloxi, Biloxi, MS (Agency Proj. No. Unknown) Project Surveyor</b> directed <b>single beam hydrographic survey</b> of commercial harbor and small craft harbor in relation to rebuilding after damages from Hurricane Katrina.
01/06 – 12/06	<b>Chevron/Texaco, Pascagoula, MS (Agency Proj. No. Unknown) Project Surveyor</b> directed <b>single beam hydrographic survey</b> of post Hurricane Katrina structural docks. Also, quarterly <b>hydrographic surveys</b> were conducted of Bayou Cassotte at the facility to determine berthing capabilities.

Firm employed by	<b>NTB Associates, Inc.</b>		
Name	<b>Mike King</b>	Years of relevant experience with this employer	<b>17</b>
Title	<b>Vice President</b>	Years of relevant experience with other employer(s)	<b>2</b>
Degree(s) / Years / Specialization	<b>B.S. / 2012 / Construction Management, Louisiana State University</b>		
Active registration number / state / expiration date	<b>5127 / Louisiana / 09/30/2025</b>		
Year registered	<b>2015</b>	Discipline	<b>Professional Surveyor</b>
Contract role(s) / brief description of responsibilities	<b>Mr. Mike King, PLS</b> will serve as <b>Assistant Project Manager</b> for <b>hydrographic surveys</b> during this contract. He will assist Grant Gilleon with the supervision and management of field crews, training, file processing, drafting, and submittals.		
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).		
<b>09/20 – 09/23</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) Assistant Project Manager</b> under the direction of Grant Gilleon assisting with management of field crews, file processing, drafting, and submittal preparation for <b>single beam and multibeam hydrographic surveying services</b> for multiple bridges at scheduled intervals upstream and downstream for 179 sites to date throughout southern districts.		
<b>11/22 – 12/22</b>	<b>ThermalTech Ouachita River Hydrographic Survey, Ashley County, AR (13004.330) Assistant Project Manager</b> under the direction of Grant Gilleon assisted with management of field crews, file processing, drafting, and submittal preparation for <b>multibeam hydrographic surveying services</b> to obtain elevations throughout the channel length along the Ouachita River from Monroe, Louisiana to Crossett Harbor west of Crossett, Arkansas.		
<b>07/22 – 07/22</b>	<b>KZJV Plaquemines Parish Hydrographic Survey, LA (000078-574141) Assistant Project Manager</b> under the direction of Grant Gilleon assisted in the management of field crews and technicians for <b>multibeam hydrographic surveying services</b> including side scan sonar in the vicinity of the Plaquemines LNG Plant near a proposed Firewater Platform along the south end of the Mississippi River to confirm the depths beneath the platform and river water pumps.		
<b>12/20 – 03/22</b>	<b>LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Assistant Project Manager</b> assisted in the management of field crews and technicians for surveying services including a <b>multibeam hydrographic survey</b> of the bridge structure piers to determine scour impact.		
<b>07/20 – 11/21</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) Assistant Project Manager</b> under the direction of Grant Gilleon assisted with management of field crews, file processing, drafting, and submittal preparation for <b>single beam and multibeam hydrographic surveying services</b> for multiple bridges at scheduled intervals upstream and downstream for 320 sites throughout southern districts.		
<b>10/20 – 11/20</b>	<b>Caddo Lake Hydrographic Profile Survey, Caddo Parish, LA (Agency Proj. No. Unknown) Assistant Project Manager</b> under the direction of Grant Gilleon assisted with management of field crews, file processing, drafting, and submittal preparation for <b>single beam hydrographic surveying services</b> in support of a directional bore design. The crew obtained a cross section of the lake parallel to the LA Hwy. 1 bridge determining depths and elevations at 20’ intervals for a total distance of 1,100 feet.		

07/14 – 02/15	<p><b>LaDOTD LA 16 Amite Drainage Improvements, Route LA 16, Tangipahoa Parish, LA (4400001798 &amp; H.009425.5)</b>  <b>Survey Party Chief/ Technician</b> ran a field crew and downloaded/processed data for topographic and <b>single beam hydrographic surveying services</b> for drainage improvements. <b>Hydrographic surveys</b> were performed of the drainage pond and related outfalls on this project to collect the run-off of the drainage system.</p>
04/13 – 09/13	<p><b>LaDOTD LA 506 Castor Relief Bridges, Route LA 506, Caldwell Parish, LA (345-03-0029, 400001798, &amp; H.002650.5)</b>  <b>Survey Party Chief/ Technician</b> ran a field crew and downloaded/processed data for topographic and <b>single beam hydrographic surveying services</b> for use as basis for engineering design for the replacement or rehabilitation of 7 bridges. <b>Hydrographic surveys</b> were performed as related to the creeks and tributaries crossing beneath the 7 bridges along the project route.</p>
04/08 – 01/09	<p><b>Calcasieu Parish Police Jury, HMGP Hurricane Katrina/Rita Funding, Storm Water Master Planning Project, Houston River &amp; English Bayou Basin Watershed, Calcasieu Parish, LA (Agency Proj. No. Unknown)</b> <b>Survey Party Chief/ Technician</b> ran a field crew and processed data for GPS control, topographic, and <b>single beam hydrographic surveys</b> in accordance to FEMA standards as a sub-consultant to URS Corporation, an AECOM Company.</p>

Firm employed by	<b>NTB Associates, Inc.</b>		
Name	<b>Spencer Rimes</b>	Years of relevant experience with this employer	<b>6</b>
Title	<b>CADD Technician</b>	Years of relevant experience with other employer(s)	<b>13</b>
Degree(s) / Years / Specialization		<b>MBA / 2009 / Landscape and Architecture, Louisiana State University</b>	
Active registration number / state / expiration date		<b>N/A</b>	
Year registered	<b>N/A</b>	Discipline	<b>N/A</b>
Contract role(s) / brief description of responsibilities		<b>Mr. Spencer Rimes</b> will serve as <b>CADD Technician</b> during this contract. He will assist in field tasks, download/process data, and perform other office tasks for <b>hydrographic surveys</b> .	
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).		
<b>09/23 – 09/23</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) CADD Technician</b> assisting in field tasks, downloading/processing data, and performing other office tasks as needed for <b>single beam and multibeam hydrographic surveying services</b> for multiple bridges at scheduled intervals upstream and downstream for 179 sites to date throughout southern districts.		
<b>10/22 – 10/22</b>	<b>Lockport / LaRose Post-Construction Multibeam Inspection (Agency Proj. No. Unknown) CADD Technician</b> collected and processed <b>multibeam hydrographic sonar data</b> used to verify construction specifications of a 3-mile canal.		
<b>06/22 – 10/22</b>	<b>LaDOTD Underwater Bridge Inspection, South Louisiana (Agency Proj. No. Unknown) CADD Technician</b> collected and processed <b>multibeam hydrographic sonar data</b> at 11 bridge locations to identify potential scour and bridge pier conditions as a sub-consultant for Moffat and Nichol.		
<b>09/22 – 09/22</b>	<b>West Bank Closure Complex, Belle Chase, LA (South Louisiana Flood Protection Agency – West) (Agency Proj. No. Unknown) CADD Technician</b> collected and processed <b>multibeam hydrographic sonar data</b> around the pump station after Hurricane Ida to identify potential scour and overall system condition after being operated for flood protection.		
<b>10/21 – 10/21</b>	<b>LaDOTD Calcasieu River/ I-10 Topographic and Hydrographic Surveying Services, LA (Agency Proj. No. Unknown) CADD Technician</b> collected and processed <b>multibeam hydrographic sonar data</b> .		
<b>06/20 – 10/20</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) CADD Technician</b> assisted in field tasks, downloaded/processed data, and performed other office tasks for <b>single beam and multibeam hydrographic surveying services</b> for multiple bridges at scheduled intervals upstream and downstream for 320 sites throughout southern districts.		
<b>10/20 – 11/20</b>	<b>Caddo Lake Hydrographic Profile Survey, Caddo Parish, LA (Agency Proj. No. Unknown) CADD Technician</b> assisted in field tasks, downloaded/processed data, and performed other office tasks for <b>single beam hydrographic surveying services</b> in support of a directional bore design. The crew obtained a cross section of the lake parallel to the LA Hwy. 1 bridge determining depths and elevations at 20’ intervals for a total distance of 1,100 feet.		

Firm employed by		<b>NTB Associates, Inc.</b>	
Name	<b>Paul “Brian” Rossini, Jr.</b>	Years of relevant experience with this employer	<b>18.5</b>
Title	<b>CADD Technician</b>	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		<b>High School Diploma, 2007</b>	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		<b>Mr. Brian Rossini</b> will serve as <b>CADD Technician</b> during this contract. He will assist in data processing, charting, and other office tasks for <b>hydrographic surveys</b> .	
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).		
<b>08/18 – 07/21</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400012669) Senior Survey Party Chief/ Technician</b> leading field crew, downloading/processing data, and performing other office tasks for <b>single beam and multibeam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 320 sites throughout southern districts.		
<b>02/18 – 10/19</b>	<b>City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Senior Survey Party Chief/ Technician</b> leading field crew and downloading/processing data for <b>single beam and multibeam hydrographic surveying services</b> to accurately determine the river bottom and channel location in association with the design of a new stormwater outfall into the river.		
<b>02/16 – 08/18</b>	<b>LaDOTD Retainer Contract for Hydrographic Monitoring of Existing Bridges, Statewide, LA (4400006381 &amp; H.008768) Senior Survey Party Chief/ Technician</b> leading field crew, downloading/processing data, and performing other office tasks for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 225 sites throughout the State including tasks for emergency surveys for historical floods.		
<b>12/15 – 01/16</b>	<b>City of Shreveport, Bickham Bayou Emergency Sewer Repairs, Shreveport, LA (Agency Proj. No. Unknown) Survey Party Chief</b> leading field crew and downloading data for topographic and <b>single beam hydrographic surveying services</b> .		
<b>07/14 – 02/15</b>	<b>LaDOTD LA 16 Amite Drainage Improvements, Route LA 16, Tangipahoa Parish, LA (4400001798 &amp; H.009425.5) Survey Party Chief</b> leading field crew and downloading data for <b>single beam hydrographic survey</b> of the drainage pond and related outfalls on this project to collect the run-off of the drainage system.		
<b>04/14 – 04/14</b>	<b>Hydrographic Survey of the Ouachita River, Monroe, LA (Agency Proj. No. Unknown) Survey Party Chief/ Technician</b> leading field crew and downloading/processing data for a <b>single beam hydrographic survey</b> to determine the river bottom elevations at a predetermined line in order to plan a directional drill for a new fiber optic line under the river.		
<b>04/13 – 09/13</b>	<b>LaDOTD LA 506 Castor Relief Bridges, Route LA 506, Caldwell Parish, LA (345-03-0029, 400001798, &amp; H.002650.5) Survey Party Chief</b> leading field crew and downloading data for <b>single beam hydrographic surveys</b> as related to the creeks and tributaries crossing beneath the 7 bridges along the project route for use as basis for engineering design.		

<b>08/11 – 07/13</b>	<b>Field Data Measurements within the Atchafalaya Basin, Buffalo Cove Area, LA (Agency Proj. No. Unknown) Survey Party Chief</b> leading field crew and downloading data for GPS control and <b>single beam hydrographic surveying services</b> at predetermined locations across approx. 200 sq. miles of Atchafalaya Basin as a sub-consultant to Coastal Environments, Inc.
<b>12/11 – 11/12</b>	<b>LaDOTD Retainer Contract for Professional Hydrographic Surveying Services, Statewide, LA (400001798 &amp; H.008768.5) Survey Party Chief/ Technician</b> leading field crew, downloading/processing data, and performing other office tasks for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 106 sites throughout northern districts.
<b>11/12 – 11/12</b>	<b>Hydrographic Survey, Little Red River, Jack East Draw Point, Heber Springs, AR (Agency Proj. No. Unknown) Survey Party Chief/ Technician</b> leading field crew and downloading/processing data for <b>single beam hydrographic surveys</b> for 5 locations on the Little Red River for environmental studies and permitting as a sub-consultant to Nixon Engineering Solutions.
<b>04/11 – 12/11</b>	<b>LaDOTD Retainer Contract for Hydrographic Survey Monitoring, Statewide, LA (4400000681 &amp; 700-99-0525) Survey Party Chief/ Technician</b> leading field crew, downloading/processing data, and performing other office tasks for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 64 sites throughout northern districts.
<b>07/09 – 05/11</b>	<b>LaDOTD Retainer Contract for Professional Surveying Services, Statewide, LA (4400000665 &amp; 700-99-0483) Survey Party Chief/ Technician</b> leading field crew, downloading/processing data, and performing other office tasks for <b>single beam hydrographic surveys</b> for multiple bridges at scheduled intervals upstream and downstream for 187 sites throughout the State.

Firm employed by	<b>NTB Associates, Inc.</b>		
Name	<b>Will Wales</b>	Years of relevant experience with this employer	<b>10</b>
Title	<b>Party Chief</b>	Years of relevant experience with other employer(s)	<b>20</b>
Degree(s) / Years / Specialization	<b>ATSSA TCS</b>		
Active registration number / state / expiration date	<b>N/A</b>		
Year registered	<b>N/A</b>	Discipline	<b>N/A</b>
Contract role(s) / brief description of responsibilities	<b>Mr. Will Wales will serve as a Survey Party Chief during this contract. He will lead a field crew, download &amp; process data, and complete charts &amp; sketches for hydrographic surveys.</b>		
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).		
<b>11/21 – 09/23</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) Survey Party Chief</b> running a field crew, downloading/processing data, and performing other office tasks for <b>single beam and multibeam hydrographic surveying services</b> for multiple bridges at scheduled intervals upstream and downstream for 179 sites to date throughout southern districts.		
<b>11/22 – 12/22</b>	<b>ThermalTech Ouachita River Hydrographic Survey, Ashley County, AR (13004.330) Survey Party Chief</b> ran a field crew and downloaded/processed data for <b>multibeam hydrographic surveying services</b> to obtain elevations throughout the channel length along the Ouachita River from Monroe, Louisiana to Crossett Harbor west of Crossett, Arkansas.		
<b>07/22 – 07/22</b>	<b>KZJV Plaquemines Parish Hydrographic Survey, LA (000078-574141) Survey Party Chief</b> ran a field crew and downloaded/processed data for <b>multibeam hydrographic surveying services</b> including side scan sonar in the vicinity of the Plaquemines LNG Plant near a proposed Firewater Platform along the south end of the Mississippi River to confirm the depths beneath the platform and river water pumps.		
<b>12/20 – 03/22</b>	<b>LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Survey Party Chief</b> ran a field crew and downloaded/processed data for surveying services including a <b>multibeam hydrographic survey</b> of the bridge structure piers to determine scour impact.		
<b>07/20 – 11/21</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) Survey Party Chief</b> running a field crew, downloading/processing data, and performing other office tasks for <b>single beam and multibeam hydrographic surveying services</b> at scheduled intervals upstream and downstream for 320 sites throughout southern districts.		
<b>10/20 – 11/20</b>	<b>Caddo Lake Hydrographic Profile Survey, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Party Chief</b> ran a field crew and downloaded/processed data for <b>single beam hydrographic surveying services</b> in support of a directional bore design. The crew obtained a cross section of the lake parallel to the LA Hwy. 1 bridge determining depths and elevations at 20’ intervals for a total distance of 1,100 feet.		
<b>07/14 – 02/15</b>	<b>LaDOTD LA 16 Amite Drainage Improvements, Route LA 16, Tangipahoa Parish, LA (4400001798 &amp; H.009425.5) Survey Party Chief</b> ran a field crew and downloaded/processed data for topographic and <b>single beam hydrographic surveying services</b> for drainage improvements. <b>Hydrographic surveys</b> were performed of the drainage pond and related outfalls on this project to collect the run-off of the drainage system.		
<b>04/13 – 09/13</b>	<b>LaDOTD LA 506 Castor Relief Bridges, Route LA 506, Caldwell Parish, LA (345-03-0029, 400001798, &amp; H.002650.5) Survey Party Chief</b> ran a field crew and downloaded/processed data for topographic and <b>single beam hydrographic surveying services</b> for use as basis for engineering design for the replacement or rehabilitation of 7 bridges. <b>Hydrographic surveys</b> were performed as related to the creeks and tributaries crossing beneath the 7 bridges along the project route.		

Firm employed by		<b>NTB Associates, Inc.</b>	
Name	<b>James “Corey” Musselman</b>	Years of relevant experience with this employer	<b>5</b>
Title	<b>Party Chief</b>	Years of relevant experience with other employer(s)	<b>2</b>
Degree(s) / Years / Specialization		<b>ATSSA TCT</b>	
Active registration number / state / expiration date		<b>N/A</b>	
Year registered	<b>N/A</b>	Discipline	<b>N/A</b>
Contract role(s) / brief description of responsibilities		<b>Mr. Corey Musselman</b> will serve as <b>Survey Party Chief</b> during this contract. He will lead/ perform on a field crew, download & process data, and complete charts & sketches for <b>hydrographic surveys</b> .	
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).		
<b>11/21 – 09/23</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) Survey Party Chief/ Instrument Man</b> performing on a field crew, downloading/processing data, and performing other office tasks for <b>single beam and multibeam hydrographic surveying services</b> for multiple bridges at scheduled intervals upstream and downstream for 179 sites to date throughout southern districts.		
<b>11/22 – 12/22</b>	<b>ThermalTech Ouachita River Hydrographic Survey, Ashley County, AR (13004.330) Instrument Man</b> performed on a field crew and downloaded/processed data for <b>multibeam hydrographic surveying services</b> to obtain elevations throughout the channel length along the Ouachita River from Monroe, Louisiana to Crossett Harbor west of Crossett, Arkansas.		
<b>07/22 – 07/22</b>	<b>KZJV Plaquemines Parish Hydrographic Survey, LA (000078-574141) Instrument Man</b> performed on a field crew and downloaded/processed data for <b>multibeam hydrographic surveying services</b> including side scan sonar in the vicinity of the Plaquemines LNG Plant near a proposed Firewater Platform along the south end of the Mississippi River to confirm the depths beneath the platform and river water pumps.		
<b>12/20 – 03/22</b>	<b>LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Instrument Man/ Rodman</b> performed on a field crew and downloaded/processed data for surveying services including a <b>multibeam hydrographic survey</b> of the bridge structure piers to determine scour impact.		
<b>09/20 – 11/21</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) Instrument Man/ Rodman</b> performing on a field crew, downloading/processing data, and performing other office tasks for <b>single beam and multibeam hydrographic surveying services</b> at scheduled intervals upstream and downstream for 320 sites throughout southern districts.		

Firm employed by	<b>NTB Associates, Inc.</b>		
Name	<b>James “Tyler” Boyd</b>	Years of relevant experience with this employer	<b>4</b>
Title	<b>Instrument Man</b>	Years of relevant experience with other employer(s)	<b>1</b>
Degree(s) / Years / Specialization	<b>ATSSA TCT</b>		
Active registration number / state / expiration date	<b>N/A</b>		
Year registered	<b>N/A</b>	Discipline	<b>N/A</b>
Contract role(s) / brief description of responsibilities	<b>Mr. Tyler Boyd</b> will serve as an <b>Instrument Man</b> during this contract. He will perform on a field crew, download & process data, and complete charts & sketches for <b>hydrographic surveys</b> .		
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).		
<b>11/21 – 09/23</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) Instrument Man</b> performing on a field crew, downloading/processing data, and performing other office tasks for <b>single beam and multibeam hydrographic surveying services</b> for multiple bridges at scheduled intervals upstream and downstream for 179 sites to date throughout southern districts.		
<b>07/22 – 07/22</b>	<b>KZJV Plaquemines Parish Hydrographic Survey, LA (000078-574141) Instrument Man</b> performed on a field crew and downloaded/processed data for <b>multibeam hydrographic surveying services</b> including side scan sonar in the vicinity of the Plaquemines LNG Plant near a proposed Firewater Platform along the south end of the Mississippi River to confirm the depths beneath the platform and river water pumps.		
<b>12/20 – 03/22</b>	<b>LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Instrument Man</b> performed on a field crew and downloaded/processed data for surveying services including a <b>multibeam hydrographic survey</b> of the bridge structure piers to determine scour impact.		
<b>09/19 – 11/21</b>	<b>LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) Instrument Man/ Rodman</b> performing on a field crew, downloading/processing data, and performing other office tasks for <b>single beam and multibeam hydrographic surveying services</b> at scheduled intervals upstream and downstream for 320 sites throughout southern districts.		

Firm employed by	<b>NTB Associates, Inc.</b>		
Name	<b>William Blanchard, Jr.</b>	Years of relevant experience with this employer	<b>12</b>
Title	<b>Instrument Man</b>	Years of relevant experience with other employer(s)	<b>0</b>
Degree(s) / Years / Specialization	<b>ATSSA TCT</b>		
Active registration number / state / expiration date	<b>N/A</b>		
Year registered	<b>N/A</b>	Discipline	<b>N/A</b>
Contract role(s) / brief description of responsibilities	<b>Mr. William Blanchard</b> will serve as an <b>Instrument Man</b> during this contract. He will perform on a field crew and download data for <b>hydrographic surveys</b> .		
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).		
<b>11/22 – 09/23</b>	<b>LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, &amp; 58 (4400019337) Instrument Man</b> performing on a field crew and downloading data for surveys of all sub-surface drainage structures, 200 feet upstream and downstream with cross-sections every 50 feet along channels, deck gutter lines, centerline of joints, low chord elevations, bent locations, and right-of-way 800 feet either side of structure in support of 34 bridge and culvert replacements as a sub-consultant to BKL.		
<b>11/22 – 09/23</b>	<b>LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, &amp; 62 (4400019338) Instrument Man</b> performing on a field crew and downloading data for surveys of all sub-surface drainage structures, 200 feet upstream and downstream with cross-sections every 50 feet along channels, deck gutter lines, centerline of joints, low chord elevations, bent locations, and right-of-way 800 feet either side of structure in support of 21 bridge and culvert replacements as a sub-consultant to Sigma.		
<b>03/23 – 09/23</b>	<b>LaDOTD Watershed Initiative (LWI) Modeling Contract – Region 1 (4400017067) Instrument Man</b> performing on a field crew and downloading data for surveys of rivers and tributaries in support of drainage basin modeling as a sub-consultant to Atkins.		
<b>06/15 – 02/17</b>	<b>LaDOTD LA 675 &amp; LA 87 Improvements in New Iberia, Iberia Parish, LA (4400002562 &amp; H.011781.5) Instrument Man</b> performed on a field crew and downloaded data for surveys for 1500’ of a new 24” drainage pipe along LA 675 and a drainage structure verification survey of 197 drainage structures for the subsurface drainage areas throughout the City of New Iberia as a sub-consultant to Stanley Consultants, Inc.		
<b>07/14 – 02/15</b>	<b>LaDOTD LA 16 Amite Drainage Improvements, Route LA 16, Tangipahoa Parish, LA (4400001798 &amp; H.009425.5) Instrument Man</b> performed on a field crew and downloaded data for topographic and <b>single beam hydrographic surveying services</b> for drainage improvements. <b>Hydrographic surveys</b> were performed of the drainage pond and related outfalls on this project to collect the run-off of the drainage system.		
<b>04/13 – 09/13</b>	<b>LaDOTD LA 506 Castor Relief Bridges, Route LA 506, Caldwell Parish, LA (345-03-0029, 400001798, &amp; H.002650.5) Instrument Man</b> performed on a field crew and downloaded data for topographic and <b>single beam hydrographic surveying services</b> for use as basis for engineering design for the replacement or rehabilitation of 7 bridges. <b>Hydrographic surveys</b> were performed as related to the creeks and tributaries crossing beneath the 7 bridges along the project route.		

**17. Firm Experience:**

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	<b>NTB Associates, Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>**Survey</b>
Project name	<b>IDIQ Contract for Hydrographic Surveying Services, Statewide, LA</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>4400019715</b>	Owner's name	<b>LaDOTD Baton Rouge</b>	
Project location	<b>Statewide, LA (South Districts)</b>		Owner's Project Manager	<b>Mr. Mitch Kent</b>
Owner's address, phone, email	<b>1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1013 mitch.kent@la.gov</b>			
Services commenced by this firm (mm/yy)	<b>09/20</b>	Total consultant contract cost (\$1,000's)	<b>\$1,000.0</b>	
Services completed by this firm (mm/yy)	<b>On-going</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$501.1 to date</b>	

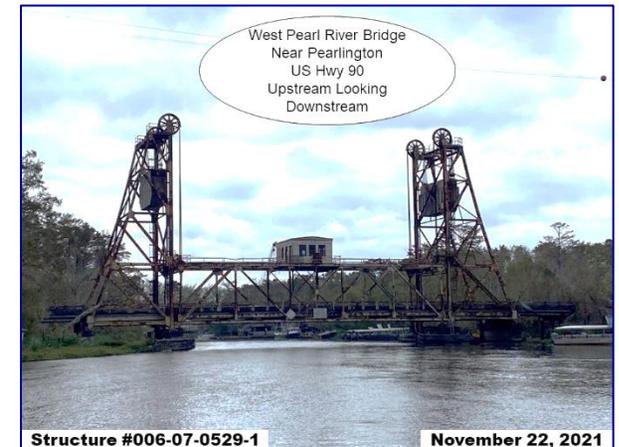
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) \* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. \*\*This field cannot be left blank and N/A is not acceptable. The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

NTBA is performing **single beam and multibeam hydrographic surveying services** at scheduled intervals upstream and downstream under an IDIQ Contract for existing bridges throughout the State currently totaling 179 sites including post hurricane assessments. The **hydrographic survey** duties include training crews in methods consisting of running range lines at predetermined stations over the water and on the banks and recovering baseline and pre-determined range lines utilizing **LaDOTD** benchmarks, determining water elevations, performing fathometer bar check to ensure correct speed of sound, running and charting predetermined range lines, obtaining marks at predetermined distances along the range lines, and obtaining photographs of the bridge and any debris or adverse conditions.

Duties also include the preparation of sketches of the water body surveyed, reduction of chart data from depths to elevations, preparation of a data chart with the depths, elevations, and locations of the data obtained, and preparation of written reports on each survey noting field conditions and findings. All charts, field notes, photographs, data charts, sketches, and reports are submitted electronically to the State's ProjectWise site.

**Firm members involved who are in this 24-102:**

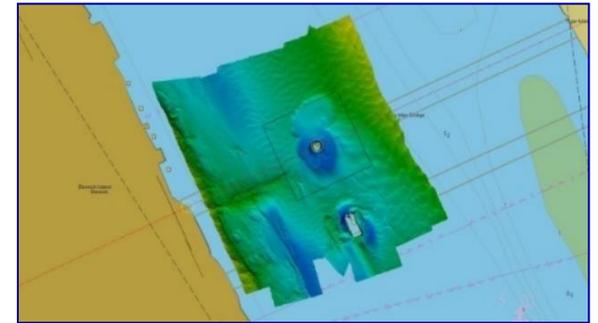
**P. Rossini**      **S. Rimes**      **T. Boyd**  
**G. Gilleon**    **W. Wales**  
**M. King**        **C. Musselman**



Firm name	<b>NTB Associates, Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>**Survey</b>	
Project name	<b>IDIQ Contract for Hydrographic Surveying Services Statewide</b>			Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>4400012669 (South Districts)</b>		Owner's name	<b>LaDOTD Baton Rouge</b>	
Project location	<b>LA Statewide</b>		Owner's Project Manager	<b>Mr. Joe Arretteig, PLS</b>	
Owner's address, phone, email	<b>1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1105 joseph.arretteig@la.gov</b>				
Services commenced by this firm (mm/yy)	<b>08/18</b>	Total consultant contract cost (\$1,000's)			<b>\$1,000.0</b>
Services completed by this firm (mm/yy)	<b>11/21</b>	Cost of consultant services provided by this firm (\$1,000's)			<b>\$977.3</b>

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. \*\*This field cannot be left blank and N/A is not acceptable. The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

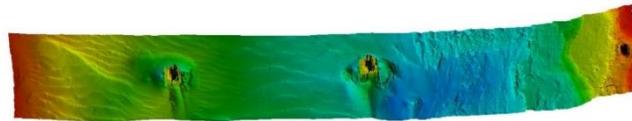
NTBA performed **single beam and multibeam hydrographic surveying services** at scheduled intervals upstream and downstream under an IDIQ Contract for existing bridges throughout the State totaling 320 sites including **multibeam surveys** of 4 bridges. For **multibeam surveys**, elevations were obtained beneath the bridge unless prevented by obstructions. The location of the project baseline, benchmark, and centerline at the bridge were identified using the current datum. A Quality Control Report of all data collecting procedures was developed. A comma delimited XYZ file of the georeferenced bathymetric survey, including the location of pier's are coded in compliance with **LaDOTD's** feature code guidebook.



**Hydrographic survey** duties included training crews in methods consisting of running range lines at predetermined stations over the water and on the banks and recovering baseline and pre-determined range lines utilizing **LaDOTD** benchmarks, determining water elevations, performing fathometer bar check to ensure correct speed of sound, running and charting predetermined range lines, obtaining marks at predetermined distances along the range lines, and obtaining photographs of the bridge and any debris or adverse conditions. Duties also included the preparation of sketches of the water body surveyed, reduction of chart data from depths to elevations, preparation of a data chart with the depths, elevations, and locations of the data obtained, and preparation of written reports on each survey noting field conditions and findings. All charts, field notes, photographs, data charts, sketches, and reports were submitted electronically to the State's ProjectWise site.

**Firm members involved who are in this 24-102:**

<b>P. Rossini</b>	<b>S. Rimes</b>	<b>T. Boyd</b>
<b>G. Gilleon</b>	<b>W. Wales</b>	<b>B. Rossini</b>
<b>M. King</b>	<b>C. Musselman</b>	

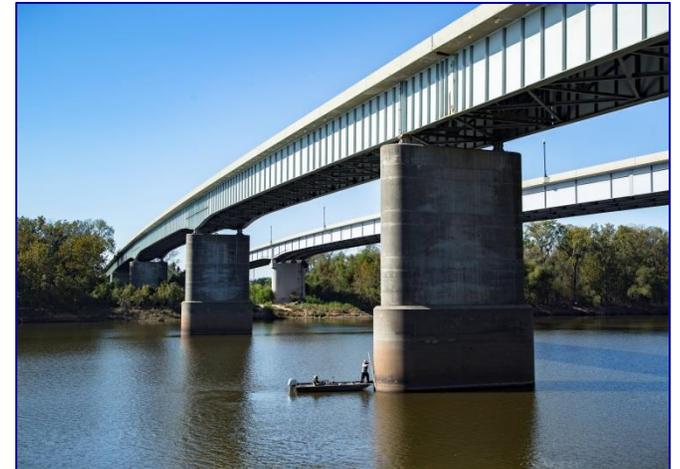


Firm name	<b>NTB Associates, Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>**Survey</b>
Project name	<b>Retainer Contract for Hydrographic Monitoring of Existing Bridges</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>4400006381 &amp; H.008768</b>		Owner's name	<b>LaDOTD Baton Rouge</b>
Project location	<b>LA Statewide (North &amp; South Districts)</b>		Owner's Project Manager	<b>Mr. Carl Hultgren, PLS, CH</b>
Owner's address, phone, email	<b>1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1723 <a href="mailto:carl.hultgren@la.gov">carl.hultgren@la.gov</a></b>			
Services commenced by this firm (mm/yy)	<b>02/16</b>	Total consultant contract cost (\$1,000's)	<b>\$1,000.0</b>	
Services completed by this firm (mm/yy)	<b>08/18</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$681.1</b>	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) \* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. \*\*This field cannot be left blank and N/A is not acceptable. The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

NTBA performed **single beam hydrographic surveying services** at scheduled intervals upstream and downstream under a Retainer Contract for existing bridges throughout the State totaling 225 sites. While the contract primarily covered North Districts, we also performed emergency **hydrographic surveys** for 8 bridges in the south to access possible scour damage done by the August 2016 historical; post spillway opening survey at the Bonne Carre Spillway to identify the effects of opening the spillway; and 21 regularly scheduled bridges in the south.

The **hydrographic survey** duties included training crews in methods consisting of running range lines at predetermined stations over the water and on the banks and recovering baseline and predetermined range lines utilizing **LaDOTD** benchmarks, determining water elevations, performing fathometer bar check to ensure correct speed of sound, running and charting predetermined range lines, obtaining marks at predetermined distances along the range lines, and obtaining photographs of the bridge and any debris or adverse conditions. Duties also included the preparation of sketches of the water body surveyed, reduction of chart data from depths to elevations, preparation of a data chart with the depths, elevations, and locations of the data obtained, and preparation of written reports on each survey noting field conditions and findings. All charts, field notes, photographs, data charts, sketches, and reports were submitted electronically to the State's ProjectWise site.



**Firm members involved who are in this 24-102:**

**P. Rossini**  
**G. Gilleon**  
**B. Rossini**

Firm name	<b>NTB Associates, Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>**Survey</b>
Project name	<b>Retainer Contract for Professional Hydrographic Surveying Services</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>400001798 &amp; H.008768.5</b>	Owner's name	<b>LaDOTD Baton Rouge</b>	
Project location	<b>LA Statewide (North Districts)</b>		Owner's Project Manager	<b>Mr. Joe Arretteig, PLS</b>
Owner's address, phone, email	<b>1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1105 joseph.arretteig@la.gov</b>			
Services commenced by this firm (mm/yy)	<b>12/11</b>	Total consultant contract cost (\$1,000's)	<b>\$1,806.8</b>	
Services completed by this firm (mm/yy)	<b>11/12</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$287.5 (Hydro TOs)</b>	

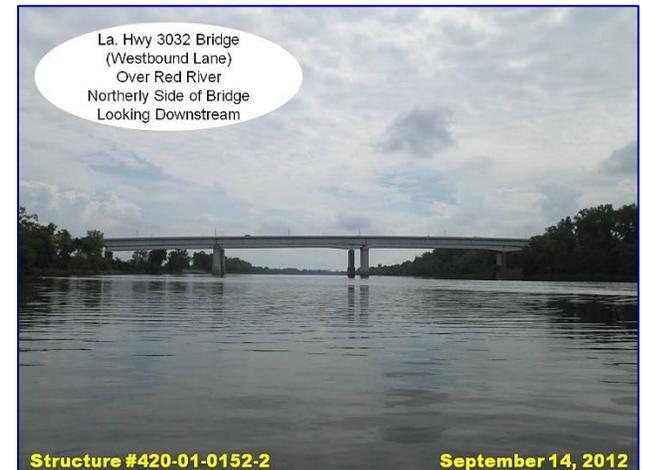
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. \*\*This field cannot be left blank and N/A is not acceptable. The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

**NTBA** performed all necessary survey services for **single beam hydrographic surveys** at scheduled intervals upstream and downstream for 106 bridges throughout the state. Each survey consisted of running range lines at predetermined stations over the water and on the banks. The survey included training crew, recovering baseline and predetermined range lines utilizing **LaDOTD** benchmarks, determining water elevation, performing fathometer bar check to ensure correct speed of sound, running and charting predetermined range lines, obtaining marks at predetermined distances along the range lines (in areas of shallow water a rod reading was obtained rather than by fathometer), and obtaining photographs of the bridge and any debris or adverse conditions.

Other **hydrographic survey** services included sketch preparation of the water body surveyed, reducing chart data from depths to elevations, preparation of a data chart with the depths, elevations, and locations of the data obtained, and preparing a written report on each survey noting field conditions and findings. All charts, field notes, photographs, data charts, sketches, and reports were submitted electronically to the State's ProjectWise site. \*Some Tasks performed under this contract number included right-of-way, control, property, and topographic surveying services. However, for the purpose of this submittal, we are only focusing on the **hydrographic tasks**.

**Firm members involved who are in this 24-102:**

**P. Rossini**  
**G. Gilleon**  
**B. Rossini**



Firm name	<b>NTB Associates, Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>**Survey</b>
Project name	<b>Retainer Contract for Professional Surveying Services</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>4400000665 &amp; 700-99-0483</b>	Owner's name	<b>LaDOTD Baton Rouge</b>	
Project location	<b>LA Statewide (North &amp; South Districts)</b>		Owner's Project Manager	<b>Mr. Joe Arretteig, PLS</b>
Owner's address, phone, email	<b>1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1105 <a href="mailto:joseph.arretteig@la.gov">joseph.arretteig@la.gov</a></b>			
Services commenced by this firm (mm/yy)	<b>07/09</b>	Total consultant contract cost (\$1,000's)	<b>\$1,000.0</b>	
Services completed by this firm (mm/yy)	<b>05/11</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$524.9</b>	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. \*\*This field cannot be left blank and N/A is not acceptable. The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

NTBA performed all necessary survey services for **single beam hydrographic surveys** at scheduled intervals upstream and downstream for 187 bridges throughout the state. Each survey consisted of running range lines at predetermined stations over the water and on the banks. Survey included training crew, recovering baseline and predetermined range lines utilizing **LaDOTD** benchmarks, determining water elevation, performing fathometer bar check to ensure correct speed of sound, running and charting predetermined range lines, obtaining marks at predetermined distances along the range lines (in areas of shallow water a rod reading was obtained rather than by fathometer), and obtaining photographs of the bridge and any debris or adverse conditions.

Other **hydrographic survey services** included sketch preparation of the water body surveyed, reducing chart data from depths to elevations, preparation of a data chart with the depths, elevations and locations of the data obtained, and preparing a written report on each survey noting field conditions and findings. All charts, field notes, photographs, data charts, sketches, and reports were submitted electronically to the State's ProjectWise site.

**Firm members involved who are in this 24-102:**

**P. Rossini**  
**G. Gilleon**  
**B. Rossini**



## **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. **If more than four pages are included, all pages after the fourth page will not be evaluated. If the consultant has information it believes is proprietary, label it accordingly.**

### **FIRM EXPERIENCE:**

NTBA has a strong commitment to quality service and client satisfaction as demonstrated in all our current and previous projects. Since 2009, NTBA has performed **hydrographic surveying services** on **six LaDOTD Hydrographic Retainer Contracts in both the North and South Regions**. Over the last fourteen years, NTBA staff have completed **over 1,000 hydrographic surveys statewide including both single and multi-beam surveys**. In addition, we have performed **hydrographic surveying services** of the Ouachita River in Louisiana, Caddo Lake in Louisiana, the Little Red River in Arkansas, the Galveston Marine Facility in Galveston, Texas, the Red River in Shreveport, Louisiana, and the Fort Polk Railroad Consolidation in Texas, just to name a few.

### **PROJECT STAFF AND MANAGEMENT:**

Grant Gilleon will serve as the Project Manager with Mike King serving as the Assistant Project Manager for the IDIQ Contract. The PM and Assistant PM will be responsible for all project delivery requirements including monthly status updates, maintaining the project schedules, and ensuring the surveys and reports are submitted according to **LaDOTD** requirements as stated in the advertisement for this IDIQ contract. All boat operators are required to obtain their boater education course conducted by LA Wildlife and Fisheries as well as experienced ATSSA professionals. Please refer to Section 17 for specific personnel experience. The core team managing and working on this project are listed below and have extensive experience on prior IDIQ contract for **LaDOTD**.



#### **✓ Grant H. Gilleon, PLS, Project Manager, NTBA 15.5 Years**

Grant has 32 years of **hydrographic surveying experience**. Grant has worked his way up from Rodman, Instrument Man, Survey Party Chief, and Technician to PLS-in-Charge of surveys in his career. Since 2009, Grant has managed five and currently manages his sixth **Hydrographic Survey Contract** for the **LaDOTD**.

#### **✓ Mike J. King, PLS, Assistant Project Manager, NTBA 17 Years**

Mike has 3 years of **hydrographic surveying experience**. Mike has also worked his way up from Rodman, Instrument Man, Survey Party Chief, and Technician to PLS-in-Charge of surveys in his career. Mike has been assisting Grant with management of the current **IDIQ Hydrographic Survey Contract** for the **LaDOTD** since 2020.

✓ **Paul “Brian” Rossini Jr., Senior Survey Party Chief/ Technician, NTBA 18 Years**

Since 2009, Brian has performed as a Survey Party Chief and Technician on **LaDOTD hydrographic surveys** under the direction and training of Hydro Project Manager, Grant Gilleon and Principal, Paul Rossini. His experience includes five **LaDOTD Hydrographic Retainer Contracts** as well as various **hydrographic surveys** for other agencies.

✓ **Will Wales, Hydrographic Survey Party Chief, NTBA 10 Years**

Will began his **LaDOTD hydrographic surveying experience** and training in 2020 under the direction and training of Hydro Project Manager, Grant Gilleon, and Assistant Project Manager Mike King. He has worked his way up from a Rodman to a Survey Party Chief and is currently the Party Chief on the current **IDIQ Hydrographic Survey Contract** for the **LaDOTD**.

**SPECIALIZED EQUIPMENT & SOFTWARE AVAILABLE:**

**NTBA** owns the following equipment and software which will satisfy the needs of this contract. Our **hydrographic survey crew** is highly trained and experienced with all the items listed. Additional equipment is available via rental, should the need arise.

<b>EQUIPMENT</b>
Fully Equipped Survey Trucks
20'X6' Cabin V Bottom Workboat Model 2072CV
17' Alumacraft Boat Model-1756
Teledyne/Odom Hydrotrac HTS7001 Fathometer
NORBIT iWBMS w/ Narrow TX - Sonar/INS Survey Sensor Kit
NORBIT Profiler & Reel – Base X Profiler Instrument w/ WIFI &
Portus Pole – Mini Mount Pole Kit
6” Single Beam Transducer TR6014
Leica P50, C10 , and BLK 360 Laser Scanners
L1/L2 GPS Static and RTK Receivers
Total Stations
Leica CS 20 and Trimble TSC3 Data Collectors
Digital and Automatic Levels & Rods
Standard Bar Checks
Kubota and Polaris Rangers w/ Trailers

<b>SOFTWARE</b>
HYPACK/HYSWEEP Software
ProjectWise Explorer Client V8i (Series 4) Edition
NORBIT OEM Version
Cyclone Processing Software
MicroStation
Bentley InRoads
AutoCAD Civil 3D
ACAD Recap
Cogowin
Pix4D Mapper
Global Mapper
ESRI ArcView/Map
Trimble Business Center
Leica Infinity
MS Projects

## PROJECT APPROACH AND SCHEDULE

Once a task order is received from **LaDOTD’s** Location and Survey Section, **NTBA’s** Project Manager will coordinate with the **LaDOTD** Project Manager and/or their personnel immediately to schedule the initial meeting to discuss the project objectives and overall scope, schedule, and effort needed to complete the task order as well as any necessary revisions. With our previous knowledge of available boat launches, travel times to each bridge once launched, range and base line locations, and challenges encountered at all the bridges within the anticipated task orders, we can begin field work on the project immediately upon Notice to Proceed.

**NTBA** creates our project schedule inclusive of all intermediate submittal dates along with the final project delivery date based on the list provided by **LaDOTD** with the Task Order. We schedule the field surveys for the beginning of the survey period to allow for weather delays or equipment issues so that all work can be completed within the timeline specified.

**NTBA** reviews previous information on boat launch locations to determine if they are still accessible a week prior to the scheduled survey date. If they are not still accessible, **NTBA** immediately begins looking for an alternate boat launch. When the survey takes us near a moveable bridge or through a lock, the crew is in contact with the bridge or lock operator to ensure safe passage for our crews as well as other vessels that are travelling in the area.

**NTBA** first establishes the horizontal control for the project using NTRIP service LEICA SmartNET or other available published control. The horizontal datum to be used for the project is NAD 83 Louisiana State Plane Coordinate System South Zone (1702), US Feet. **NTBA** recovers the project benchmark near the bridge for predetermined vertical control for the project. In the event there isn’t pre-determined vertical control for the bridge or the project benchmark has been destroyed, **NTBA** will attempt to reestablish the existing benchmark vertical datum. However, if that is not achievable, a new benchmark is established by using Static GPS observations, NAVD 88, Geoid 18 or current vertical datum.

Prior to collection of data, a Sound Velocity Profiler is used to measure the speed of sound throughout a column of water as well as a level run from the project benchmark to the water level. These tests are also run every 3 hours for the duration of the survey to account for any tide fluctuations that may occur during that timeframe. The fathometer is also bar checked each day and calibrated to accurate readings. Recovering or reestablishing existing baselines and range lines using acceptable material will be completed. Then at each range line, the water’s edge station is established based on the verified baseline. Only after all the checks are performed will the survey begin.

PHASE	INT	Last	Next	Bridge Number	Bridge Name	Road	HOURS	Miles	Early Survey Date	Late Survey Date	Scheduled Survey Date
14	0	9/14/2022	9/9/2023	454-02-1883-1	Tickfaw River Bridge (East)		8	80	8/25/2023	9/24/2023	09/11/23
15	6	9/14/2022	9/9/2023	454-02-1883-2	Tickfaw River Bridge (West)		8	80	8/25/2023	9/24/2023	09/11/23
16	6	9/14/2022	9/9/2023	454-03-1305-1	Tangipahoa River Bridge (East)		8	120	8/25/2023	9/24/2023	09/12/23
17	0	9/14/2022	9/9/2023	454-03-1305-2	Tangipahoa River Bridge (West)		8	120	8/25/2023	9/24/2023	09/12/23
18	3	9/15/2022	9/10/2023	260-02-0000-1	Amite River Bridge @ Port Vincent		8	80	8/26/2023	9/25/2023	09/13/23
19	0	6/13/2023	9/11/2023	006-08-0000-1	East Pearl River @ Pearlington		8	120	8/27/2023	9/26/2023	09/14/23
20	0	3/16/2023	9/12/2023	006-07-0676-1	West Middle Pearl River		8	120	8/28/2023	9/27/2023	09/15/23
21	12	9/19/2022	9/14/2023	450-09-0000-1	Mississippi River Bridge @ Baton Rouge		8	45	8/30/2023	9/29/2023	09/18/23
22	12	10/2/2022	9/22/2023	148-02-0106-1	Gulf Outlet Bridge LA 47		8	130	9/7/2023	10/7/2023	09/17/23
23	12	9/27/2022	9/22/2023	452-90-0000-1	I-55 @ Pass Manchac (Northbound)		8	70	9/7/2023	10/7/2023	09/19/23
24	12	9/27/2022	9/22/2023	452-90-0000-2	I-55 @ Pass Manchac (Southbound)		8	10	9/7/2023	10/7/2023	09/19/23

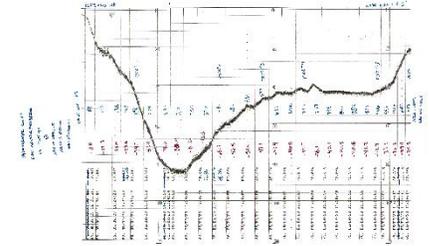
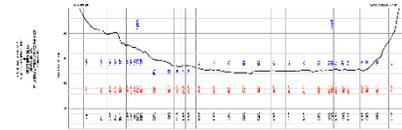


On larger rivers such as the Mississippi River or Atchafalaya River, **NTBA** utilizes multibeam technology to obtain more accurate data and provide additional safety for our crews. The NORBIT Multibeam System is used. It is equipped with two Trimble cards integrated into the system for positioning and for heading aiding. The antenna is RTK capable and uses the RTCM3 correctors to perform in RTK Narrow Lane mode. A HYPACK Project is created, and a plate Test performed to ensure all systems are operating property and verify offsets have been correctly entered. A Patch Test is performed to determine the Roll,

Pitch, and Yaw mounting angle. A 120° beam angle swath will be used for deeper water and a 160° beam angle swath for shallower water. Approximately 50% overlapping data between boat passes to ensure the best possible data.

Digital photography will be taken of the TBM used as well as the water level at the same location as previously taken to act as a verification of data. Photos are also taken of any debris around or against any portion of the bridge structure, banks, or revetment. The photos are annotated with structure number, direction photo was taken, date taken, and the bent number where photo was directed. If debris is located around a pier or piling or significant changes to the bottom, a photo and/or data will be sent to **LaDOTD** within twenty-four (24) hours for review by the engineer.

Once the crew returns to the office, the single beam charts are processed, the Bridge Data Chart (bdc) is completed, and the sketch of water's edge is produced by the CADD Technician. For multibeam surveys, data is post-processed using HYSWEEP Editor (MBMAX64) and a comma delimited XYZ file of the geo-referenced bathymetric survey, including the location of existing bridge footings or pilings is created in compliance with **LADOTD's** feature code guidebook. From this, charts are produced using AutoCAD Civil 3D. For both types of survey, the Project Manager reviews the data and prepares a report for submission within 7 days of the survey.



## QUALITY CONTROL

**NTBA** has established a Quality Management System (QMS) to provide a systematic method to maintain the highest quality professional services to our clients. Each team member is aware of the QMS Program and understands how significant maintaining quality is to our clients. The multi-step approach includes training of staff, technical review, quality assurance reviews, and director's review. Each bridge within the task order is reviewed for compliance with the scope of work, design parameters, and conformance with applicable standards and regulations. Members of the project team completing work in a particular phase of the project, sign-off on the portion of work they have completed and acknowledge accountability for the work performed. Each phase of the project follows the QMS, providing multiple levels of technical review by all levels of the project team. This prevents a mere "checking" at the end of the project, which is ineffective in eliminating errors when they occur. The Project Manager and the professional of record is involved at each phase to verify that project information is incorporated into the deliverables as the project progresses.

The most unique aspect of the QMS program is that a director of the firm reviews all submittals that leave the office. This review is most valuable because of the significant years of experience possessed by the directors. Sign-off is required before the submittal leaves the office.

*The Quality Management System is a living, breathing part of our firm. The project managers continually remind the project team of the importance of maintaining the quality process. The NTBA QMS establishes our commitment to continual quality improvement.*

Our firm understands that communication, not only within **NTBA** but with the **LaDOTD** personnel, is extremely important to the overall success of a project. By identifying issues immediately and devising solutions to these issues, we keep the project moving forward on schedule, and within budget. Constant communication is the only way to accomplish this, in person or virtually.

**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	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
NTB Associates, Inc.	Survey	4400019338 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (Sub to Sigma)	0
	Right-of-Way	4400019338 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (Sub to Sigma)	\$130,349
	Survey	4400019337 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (Sub to BKI)	0
	Right-of-Way	4400019337 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (Sub to BKI)	\$101,221
	Survey	4400017067 LWI Task Order 3	Louisiana Watershed Initiative (LWI) Modeling Contract – Region 1 (Sub to Atkins)	\$10,575
	Survey	4400019715 H.008768.5	IDIQ Contract for Hydrographic Surveying Services – Task Order No. 9 – Fall Bridges	\$92,640
	Right-of-Way	4400025041	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program	\$10,170
	Survey	4400026587 H.001779	Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/Huval & Associates, Inc.)	0
	Other (SUE)	4400026587 H.001779	Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/Huval & Associates, Inc.)	\$223,750

	<b>Right-of-Way</b>	<b>4400026587 H.001779</b>	<b>Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/Huval &amp; Associates, Inc.)</b>	<b>\$30,000</b>
--	---------------------	--------------------------------	---	-----------------

(Add rows as needed)

DO NOT SUM

\* The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

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

The screenshot displays the SAM.GOV interface for "Entity Workspace Results" with 3 total results. Each result is presented in a structured format with three columns: Unique Entity ID, CAGE/NCAGE, Entity Status, Doing Business As, Physical Address, Expiration Date, and Purpose of Registration.

Entity Name	Unique Entity ID	CAGE/NCAGE	Entity Status	Doing Business As	Physical Address	Expiration Date	Purpose of Registration
N T B Associates Inc	PNS1EJYESPB1	6RAT9	Active Registration		100 BOMBER BLVD STE 2 MOUNTAIN HOME , AR 72653-4626 USA	Oct 07, 2023	All Awards
NTB ASSOCIATES INC	E8PTT4ZELXE3	1NBV8	Active Registration		500D PLEASANT VALLEY DR STE 102 LITTLE ROCK , AR 72227-2151 USA	Oct 07, 2023	All Awards
N T B ASSOCIATES INC	DL8ELAPGQQ41	1PDD3	Active Registration		525 LOUISIANA AVE STE 200 SHREVEPORT , LA 71101-5449 USA	Oct 17, 2023	All Awards



# Louisiana Professional Engineering and Land Surveying Board

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Public Address:
NTB Associates, Inc.	Mr. Paul Rossini 525 Louisiana Avenue Shreveport, Louisiana 71101

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000451	Active	02/15/2000	09/30/2024	Mr. Paul Brian Rossini # PLS.0004731

[Print](#) [Close](#)



# Louisiana Professional Engineering and Land Surveying Board

## License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

**Name:**

Mr. Paul Brian Rossini

**Address:**

525 Louisiana Avenue  
Shreveport, Louisiana 71101

**License/Certificate Information**

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PLS.0004731	Active	06/07/1994	09/30/2024	

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[Online Contact Info Update \(User ID/Password required\)](#)



# Louisiana Professional Engineering and Land Surveying Board

## License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Address:
Mr. Grant Houston Gilleon	125 Pineknoll Point Hot Springs, Arkansas 71913

### License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PLS.0004976	Active	12/05/2007	03/31/2024	

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[Online Contact Info Update \(User ID/Password required\)](#)



### License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Address:
Mr. Michael Joseph King	8643 Main Street Zachary, Louisiana 70791

#### License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PLS.0005127	Active	01/28/2015	09/30/2025	

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# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**William Wales**

has attended

**Traffic Control Supervisor-LA State Specific**

Training Course

---

2/8/2023 to 2/8/2027  
Training Valid Through

Baton Rouge, LA  
Location

A handwritten signature in black ink, appearing to read "Don H. Clark".

Vice President of Education and Technical Services

A handwritten signature in black ink, appearing to read "Alexander T. Jackson".

President, CEO

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



American Traffic Safety Services Association [ATSSA.com](http://ATSSA.com)



# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**James Musselman**

has attended

**Traffic Control Technician-LA State Specific**

Training Course

---

2/7/2023 to 2/7/2027  
Training Valid Through

Baton Rouge, LA  
Location

Handwritten signature of Dawn H. Clark in black ink.

Vice President of Education and Technical Services

Handwritten signature of Alan Teichner in black ink.

President, CEO

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



American Traffic Safety Services Association [ATSSA.com](http://ATSSA.com)



# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**James Tyler Boyd**

has attended

**Traffic Control Technician-LA State Specific**

Training Course

2/7/2023 to 2/7/2027  
Training Valid Through

Baton Rouge, LA  
Location

A handwritten signature in black ink, appearing to read "Don H. Clark".

Vice President of Education and Technical Services

A handwritten signature in black ink, appearing to read "Alanna T. Johnson".

President, CEO

*ATSSA provider training and certification but neither constitutes employment by ATSSA.*



American Traffic Safety Services Association [ATSSA.com](http://ATSSA.com)



# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**William Blanchard**

has attended

**Traffic Control Technician-LA State Specific**

Training Course

2/7/2023 to 2/7/2027  
Training Valid Through

Baton Rouge, LA  
Location

Handwritten signature of Don H. Clark in black ink.

Vice President of Education and Technical Services

Handwritten signature of Alissa Teichner in black ink.

President, CEO

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



American Traffic Safety Services Association ATSSA.com

**21. QA/QC Plan:**

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.

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

(Add rows as needed)

**23. Location:**

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