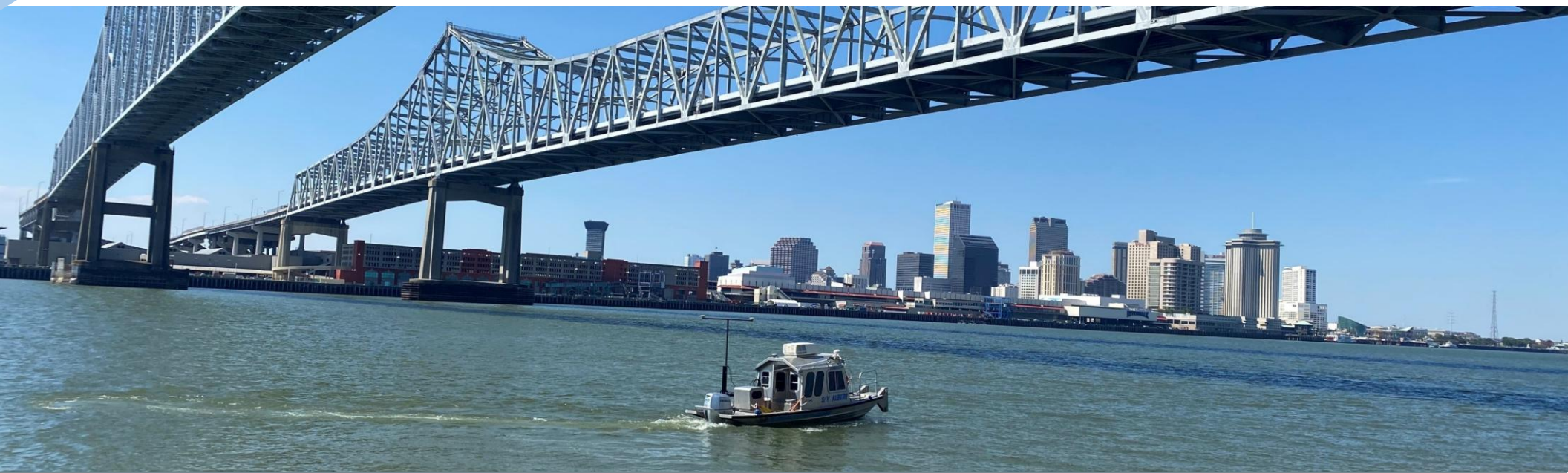




SURVEY. DESIGN. BUILD. SUCCEED.



CONTRACT NO. 4400035403
**IDIQ CONTRACT FOR PROFESSIONAL
HYDROGRAPHIC SURVEYING SERVICES
(NORTH REGION) STATEWIDE**



PREPARED FOR:
Louisiana Department of
Transportation & Development
1201 Capitol Access Road
Baton Rouge, LA 70802

PREPARED BY:
NTB Associates, Inc.
525 Louisiana Ave.
Shreveport, LA 71101

(844) 504-NTBA | INFO@NTBAINC.COM | NTBAINC.COM

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

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

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

1. Contract Name as shown in the advertisement	IDIQ CONTRACT FOR PROFESSIONAL HYDROGRAPHIC SURVEYING SERVICES (NORTH REGION) STATEWIDE											
2. Contract Number(s) as shown in the advertisement	4400035403											
3. State Project Number(s), if shown in the advertisement												
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	NTB Associates, Inc. 											
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Land Surveying: VF.0000451 Engineering: EF.0002481											
6. Prime consultant mailing address	525 Louisiana Ave. Shreveport, LA 71101											
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	<table border="0"> <tr> <td>Corporate Headquarters:</td> <td colspan="2">Branch Offices:</td> </tr> <tr> <td>525 Louisiana Ave.</td> <td>321 Saint Joseph St.</td> <td>8643 Main St.</td> </tr> <tr> <td>Shreveport, LA 71101</td> <td>Baton Rouge, LA 70802</td> <td>Zachary, LA 70791</td> </tr> </table>			Corporate Headquarters:	Branch Offices:		525 Louisiana Ave.	321 Saint Joseph St.	8643 Main St.	Shreveport, LA 71101	Baton Rouge, LA 70802	Zachary, LA 70791
Corporate Headquarters:	Branch Offices:											
525 Louisiana Ave.	321 Saint Joseph St.	8643 Main St.										
Shreveport, LA 71101	Baton Rouge, LA 70802	Zachary, LA 70791										
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Mike J. King, PLS, Vice President Project Manager (225) 454-8925 mking@ntbainc.com											
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Aaron G. Bunch, PS, LS, RPLS President/ CEO (318) 226-9199 abunch@ntbainc.com											

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

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.	 Signature above shall be the same person listed in Section 9: 6/9/26 Date:		
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.	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><u>Firm(s):</u></td> <td style="width: 50%;"><u>Firm(s)' %:</u></td> </tr> </table>	<u>Firm(s):</u>	<u>Firm(s)' %:</u>
<u>Firm(s):</u>	<u>Firm(s)' %:</u>		

12. Discipline Table:

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

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

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

13. Team Size:

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

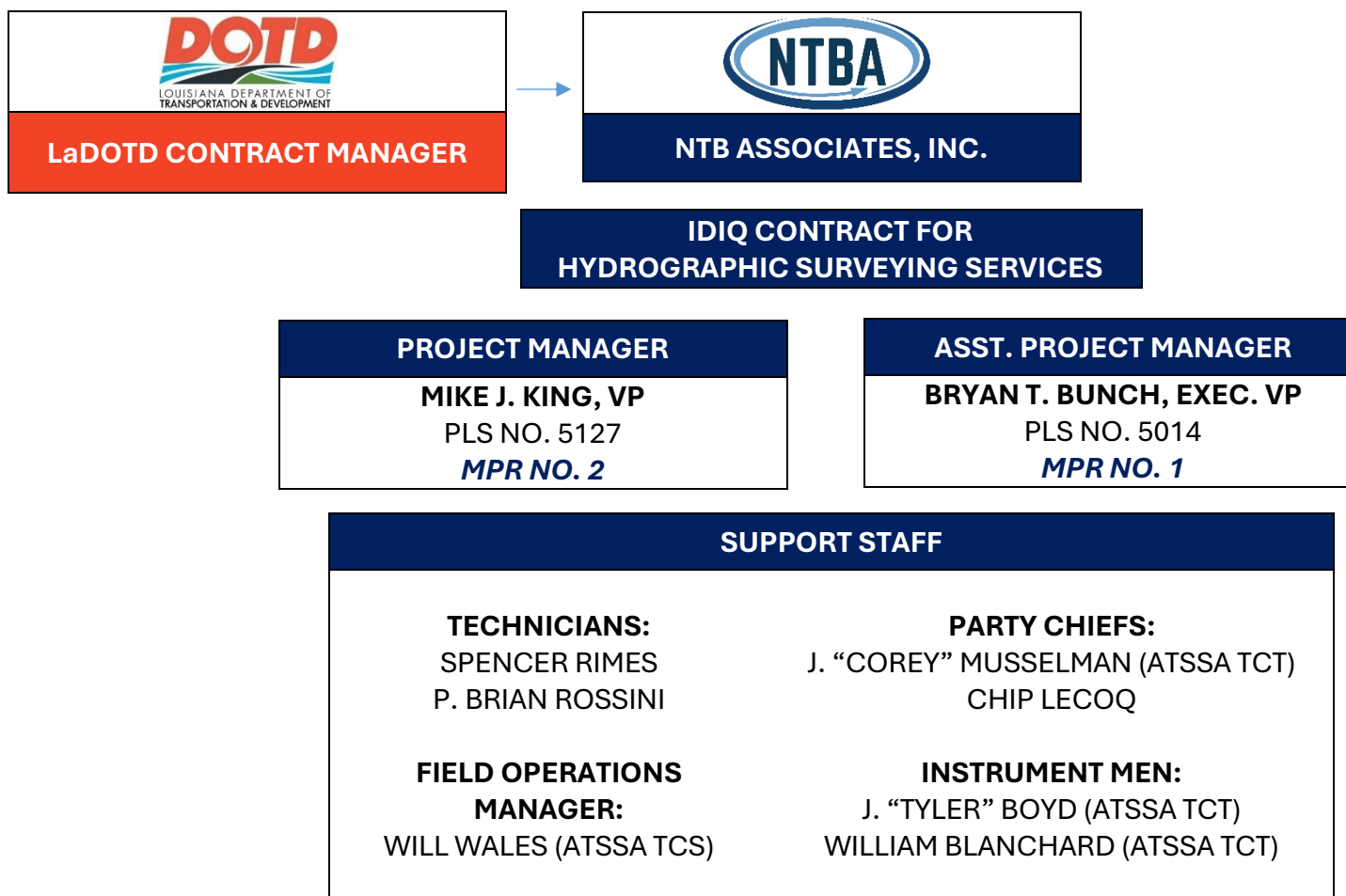
Firm name	DOTD Job Classification	Number of personnel committed to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
NTB Associates, Inc. 	Principal	1	1
	Engineer	0	1
	Engineer Intern	0	1
	Surveyor	2	6
	Supervisor - Other	1	5
	Senior Technician	0	1
	CADD Technician	1	10
	Technician	1	2
	CADD Drafter	1	8
	Party Chief	3	20
	Instrument Man	2	12
	Rodman	2	12

(Add rows as needed)

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

14. Organizational Chart:

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



15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1.	Bryan T. Bunch	NTB Associates, Inc.	PLS # 5014 - Survey	LA	03/31/28
2.	Mike J. King	NTB Associates, Inc.	PLS # 5127 - Survey	LA	09/30/27

(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 are **limited to 2 pages per person**. Any certificates **required** by the advertisement are to be placed in Section 20.

PLEASE SEE STAFF EXPERIENCE ON THE FOLLOWING PAGES

Firm employed by NTB Associates, Inc.				
Name	Mike J. King, PLS		Years of relevant experience with this employer	20
Title	Vice President		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			B.S. / 2012 / Construction Management, Louisiana State University	
Active registration number / state / expiration date			5127 / Louisiana / 09/30/2027	
Year registered	2015	Discipline	Professional Surveyor	
Contract role(s) / brief description of responsibilities			Mr. Mike King, PLS will serve as the Project Manager for hydrographic surveys during this contract. He will manage survey crews, training, processing, drafting, quality control reviews, and submittals. He satisfies MPR No. 2 per the advertisement.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/24 – 06/26	IDIQ Contract for Professional Hydrographic Surveying Services, Statewide, LA (4400027686) Project Manager/ Assistant Project Manager under the direction of Grant Gilleon assisting with management then transitioning to Project Manager of field crews, file processing, drafting, and submittal preparation for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 185 sites to date throughout southern districts.			
03/26 – 06/26	Energy Transfer, Arkansas River Crossing, AR (Agency Proj. No. Unknown) Project Manager directed field crew, file processing, drafting, and submittals for multibeam hydrographic surveying services of the Arkansas River to support the proposed bore crossing and easement evaluation, delivering detailed profile data with state plane coordinates, AutoCAD surface drawings, and a comprehensive bathymetric survey report.			
12/24 – 12/25	Energy Transfer Gathering System Hydrographic Survey, ND (Agency Proj. No. Unknown) Project Manager directed field crew, file processing, drafting, and submittals for multibeam hydrographic surveying services of Lake Sakakawea covering a 250 acre area in support of project planning and bore design.			
12/24 – 03/25	NuStar Ouachita River Crossing, AR (Agency Proj. No. Unknown) Project Manager directed field crew, file processing, drafting, and submittals for hydrographic surveying of the Ouachita River to support a modified HDD crossing, delivering detailed bathymetric profiles, state plane coordinates, and AutoCAD surface models for route evaluation and design.			
09/20 – 03/25	LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) Assistant Project Manager under the direction of Grant Gilleon assisting with management of field crews, file processing, drafting, and submittal preparation for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 301 sites throughout southern districts.			
11/22 – 12/22	ThermalTech Ouachita River Hydrographic Survey, Ashley County, AR (13004.330) Assistant Project Manager under the direction of Grant Gilleon assisted with management of field crews, file processing, drafting, and submittal preparation for multibeam hydrographic surveying services to obtain elevations throughout the channel length along the Ouachita River from Monroe, LA to Crossett Harbor west of Crossett, AR.			
07/22 – 07/22	KZJV Plaquemines Parish Hydrographic Survey, LA (000078-574141) Assistant Project Manager under the direction of Grant Gilleon assisted in the management of field crews and technicians for multibeam hydrographic surveying services 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.			

12/20 – 03/22	LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Assistant Project Manager assisted in the management of field crews and technicians for surveying services including multibeam hydrographic surveying services of the bridge structure piers to determine scour impact.
07/20 – 11/21	LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) Assistant Project Manager under the direction of Grant Gilleon assisted with management of field crews, file processing, drafting, and submittal preparation for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 320 sites throughout southern districts.
10/20 – 11/20	Caddo Lake Hydrographic Profile Survey, Caddo Parish, LA (Agency Proj. No. Unknown) Assistant Project Manager under the direction of Grant Gilleon assisted with management of field crews, file processing, drafting, and submittal preparation for single beam hydrographic surveying services 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	LaDOTD LA 16 Amite Drainage Improvements, Route LA 16, Tangipahoa Parish, LA (4400001798 & H.009425.5) Survey Party Chief/ Technician ran a field crew and downloaded/processed data for topographic and single beam hydrographic surveying services for drainage improvements. Hydrographic surveys were performed of the drainage pond and related outfalls on this project to collect the run-off of the drainage system.
04/13 – 09/13	LaDOTD LA 506 Castor Relief Bridges, Route LA 506, Caldwell Parish, LA (345-03-0029, 400001798, & H.002650.5) Survey Party Chief/ Technician ran a field crew and downloaded/processed data for topographic and single beam hydrographic surveying services for use as basis for engineering design for the replacement or rehabilitation of 7 bridges. Hydrographic surveys were performed as related to the creeks and tributaries crossing beneath the 7 bridges along the project route.
04/08 – 01/09	Calcasieu Parish Police Jury, HMGP Hurricane Katrina/Rita Funding, Storm Water Master Planning Project, Houston River & English Bayou Basin Watershed, Calcasieu Parish, LA (Agency Proj. No. Unknown) Survey Party Chief/ Technician ran a field crew and processed data for GPS control, topographic, and single beam hydrographic surveying services in accordance to FEMA standards as a sub-consultant to URS Corporation, an AECOM Company.

Firm employed by NTB Associates, Inc.			
Name	Bryan T. Bunch, PLS		Years of relevant experience with this employer
Title	Executive Vice President		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.S. / 1988 / Survey and Land Information Systems, University of Arkansas	
Active registration number / state / expiration date		5014 / Louisiana / 03/31/2028	
Year registered	2009	Discipline	Professional Surveyor
Contract role(s) / brief description of responsibilities		Mr. Bryan Bunch, PLS will serve as Assistant Project Manager overseeing office and field staff and assisting with project tasks as needed for hydrographic surveys. He satisfies MPR No. 1 per the advertisement.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/24 – 06/26	IDIQ Contract for Professional Hydrographic Surveying Services, Statewide, LA (4400027686) QC Surveyor assisting with project oversight and strategic coordination for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 185 sites to date throughout southern districts.		
03/26 – 06/26	Energy Transfer, Arkansas River Crossing, AR (Agency Proj. No. Unknown) QC Surveyor assisted with project oversight and strategic coordination for multibeam hydrographic surveying services of the Arkansas River to support the proposed bore crossing and easement evaluation, delivering detailed profile data with state plane coordinates, AutoCAD surface drawings, and a comprehensive bathymetric survey report.		
12/24 – 12/25	Energy Transfer Gathering System Hydrographic Survey, ND (Agency Proj. No. Unknown) QC Surveyor assisted with project oversight and strategic coordination for multibeam hydrographic surveying services of Lake Sakakawea covering a 250-acre area in support of project planning and bore design.		
12/24 – 03/25	NuStar Ouachita River Crossing, AR (Agency Proj. No. Unknown) QC Surveyor assisted with project oversight and strategic coordination for hydrographic surveying of the Ouachita River to support a modified HDD crossing, delivering detailed bathymetric profiles, state plane coordinates, and AutoCAD surface models for route evaluation and design.		
09/20 – 03/25	LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) QC Surveyor assisted with project oversight and strategic coordination for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 301 sites throughout southern districts.		
11/22 – 12/22	ThermalTech Ouachita River Hydrographic Survey, Ashley County, AR (13004.330) QC Surveyor assisted with project oversight and strategic coordination for multibeam hydrographic surveying services to obtain elevations throughout the channel length along the Ouachita River from Monroe, LA to Crossett Harbor west of Crossett, AR.		
07/22 – 07/22	KZJV Plaquemines Parish Hydrographic Survey, LA (000078-574141) QC Surveyor assisted with project oversight and strategic coordination for multibeam hydrographic surveying services 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.		
12/20 – 03/22	LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) QC Surveyor assisted with project oversight and strategic coordination for multibeam hydrographic surveying services of the bridge structure piers to determine scour impact.		

08/18 – 11/21	LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) QC Surveyor assisted in project oversight and strategic coordination for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 320 sites throughout southern districts.
10/20 – 11/20	Caddo Lake Hydrographic Profile Survey, Caddo Parish, LA (Agency Proj. No. Unknown) QC Surveyor assisted in project oversight and strategic coordination for single beam hydrographic surveying services 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.
08/16 – 08/18	LaDOTD Retainer Contract for Hydrographic Monitoring of Existing Bridges, Statewide, LA (4400006381 & H.008768) QC Surveyor assisted in project oversight and strategic coordination for single beam hydrographic surveys for multiple bridges at scheduled intervals upstream and downstream for 225 sites throughout the State including tasks for emergency surveys for historical floods.
07/14 – 02/15	LaDOTD LA 16 Amite Drainage Improvements, Route LA 16, Tangipahoa Parish, LA (4400001798 & H.009425.5) QC Surveyor performing quality control checks for topographic and single beam hydrographic surveying services for drainage improvements. Hydrographic surveys were performed of the drainage pond and related outfalls on this project to collect the run-off of the drainage system.
04/13 – 09/13	LaDOTD LA 506 Castor Relief Bridges, Route LA 506, Caldwell Parish, LA (345-03-0029, 400001798, & H.002650.5) QC Surveyor performing quality control checks for single beam hydrographic surveys as related to the creeks and tributaries crossing beneath the 7 bridges along the project route for use as basis for engineering design.

Firm employed by NTB Associates, Inc.			
Name	Spencer Rimes		Years of relevant experience with this employer
Title	CADD Technician		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MBA / 2009 / Landscape and Architecture, Louisiana State University	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Spencer Rimes will serve as CADD Technician during this contract. He will assist in field tasks, download/process data, and perform other office tasks for hydrographic surveys as needed.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/24 – 06/26	IDIQ Contract for Professional Hydrographic Surveying Services, Statewide, LA (4400027686) CADD Technician downloading/ processing data and performing other office tasks as needed for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 185 sites to date throughout southern districts.		
03/26 – 06/26	Energy Transfer, Arkansas River Crossing, AR (Agency Proj. No. Unknown) CADD Technician downloading/ processing data for multibeam hydrographic surveying services of the Arkansas River to support the proposed bore crossing and easement evaluation, delivering detailed profile data with state plane coordinates, AutoCAD surface drawings, and a comprehensive bathymetric survey report.		
09/23 – 03/25	LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) CADD Technician assisted in field tasks, downloaded/ processed data, and performed other office tasks for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 301 sites throughout southern districts.		
10/22 – 10/22	Lockport/ LaRose Post-Construction Multibeam Inspection (Agency Proj. No. Unknown) CADD Technician collected and processed multibeam hydrographic sonar data used to verify construction specifications of a 3-mile canal.		
06/22 – 10/22	LaDOTD Underwater Bridge Inspection, South Louisiana (Agency Proj. No. Unknown) CADD Technician collected and processed multibeam hydrographic sonar data at 11 bridge locations to identify potential scour and bridge pier conditions as a sub-consultant for Moffat and Nichol.		
09/22 – 09/22	West Bank Closure Complex, Belle Chase, LA (South Louisiana Flood Protection Agency – West) (Agency Proj. No. Unknown) CADD Technician collected and processed multibeam hydrographic sonar data around the pump station after Hurricane Ida to identify potential scour and overall system condition after being operated for flood protection.		
10/21 – 10/21	LaDOTD Calcasieu River/ I-10 Topographic and Hydrographic Surveying Services, LA (Agency Proj. No. Unknown) CADD Technician collected and processed multibeam hydrographic sonar data .		

06/20 – 10/20	LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) CADD Technician assisted in field tasks, downloaded/processed data, and performed other office tasks for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 320 sites throughout southern districts.
10/20 – 11/20	Caddo Lake Hydrographic Profile Survey, Caddo Parish, LA (Agency Proj. No. Unknown) CADD Technician assisted in field tasks, downloaded/processed data, and performed other office tasks for single beam hydrographic surveying services 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 NTB Associates, Inc.			
Name	P. Brian Rossini, Jr.		Years of relevant experience with this employer
Title	CADD Technician		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High School Diploma, 2007	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Brian Rossini will serve as CADD Technician during this contract. He will assist in data downloading/processing, charting, and other office tasks as needed for hydrographic surveys .	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/24 – 06/26	IDIQ Contract for Professional Hydrographic Surveying Services, Statewide, LA (4400027686) CADD Technician downloading/processing data for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 185 sites to date throughout southern districts.		
03/26 – 06/26	Energy Transfer, Arkansas River Crossing, AR (Agency Proj. No. Unknown) CADD Technician processing data and preparing drawings for multibeam hydrographic surveying services of the Arkansas River to support the proposed bore crossing and easement evaluation, delivering detailed profile data with state plane coordinates, AutoCAD surface drawings, and a comprehensive bathymetric survey report.		
05/25 – 05/25	Energy Transfer Gathering System Hydrographic Survey, ND (Agency Proj. No. Unknown) CADD Technician processed data and prepared drawings for multibeam hydrographic surveying services of Lake Sakakawea covering a 250-acre area in support of project planning and bore design.		
12/24 – 03/25	NuStar Ouachita River Crossing, AR (Agency Proj. No. Unknown) CADD Technician processed data and prepared drawings for hydrographic surveying of the Ouachita River to support a modified HDD crossing, delivering detailed bathymetric profiles, state plane coordinates, and AutoCAD surface models for route evaluation and design.		
03/23 – 10/24	LaDOTD Watershed Initiative (LWI) Modeling Contract – Region 1 (4400017067) CADD Technician processed data and prepared drawings for the submittal package for surveys of rivers and tributaries in support of drainage basin modeling as a sub-consultant to Atkins.		
08/18 – 07/21	LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400012669) Senior Survey Party Chief/ Technician ran a field crew, downloaded/ processed data, and performed other office tasks for single beam and multibeam hydrographic surveys for multiple bridges at scheduled intervals upstream and downstream for 320 sites throughout southern districts.		
02/18 – 10/19	City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Senior Survey Party Chief/ Technician ran a field crew and downloaded/ processed data for single beam and multibeam hydrographic surveying services to accurately determine the river bottom and channel location in association with the design of a new stormwater outfall into the river.		

02/16 – 08/18	LaDOTD Retainer Contract for Hydrographic Monitoring of Existing Bridges, Statewide, LA (4400006381 & H.008768) Senior Survey Party Chief/ Technician ran a field crew, downloaded/ processed data, and performed other office tasks for single beam hydrographic surveys 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	City of Shreveport, Bickham Bayou Emergency Sewer Repairs, Shreveport, LA (Agency Proj. No. Unknown) Survey Party Chief ran a field crew and downloaded data for topographic and single beam hydrographic surveying services .
07/14 – 02/15	LaDOTD LA 16 Amite Drainage Improvements, Route LA 16, Tangipahoa Parish, LA (4400001798 & H.009425.5) Survey Party Chief ran a field crew and downloaded data for single beam hydrographic survey of the drainage pond and related outfalls on this project to collect the run-off of the drainage system.
04/14 – 04/14	Hydrographic Survey of the Ouachita River, Monroe, LA (Agency Proj. No. Unknown) Survey Party Chief/ Technician ran a field crew and downloaded/ processed data for a single beam hydrographic survey 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	LaDOTD LA 506 Castor Relief Bridges, Route LA 506, Caldwell Parish, LA (345-03-0029, 400001798, & H.002650.5) Survey Party Chief ran a field crew and downloaded data for single beam hydrographic surveys 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	Field Data Measurements within the Atchafalaya Basin, Buffalo Cove Area, LA (Agency Proj. No. Unknown) Survey Party Chief ran a field crew and downloaded data for GPS control and single beam hydrographic surveying services at predetermined locations across approx. 200 sq. miles of Atchafalaya Basin as a sub-consultant to Coastal Environments, Inc.
12/11 – 11/12	LaDOTD Retainer Contract for Professional Hydrographic Surveying Services, Statewide, LA (400001798 & H.008768.5) Survey Party Chief/ Technician ran a field crew, downloaded/ processed data, and performed other office tasks for single beam hydrographic surveys for multiple bridges at scheduled intervals upstream and downstream for 106 sites throughout northern districts.
11/12 – 11/12	Hydrographic Survey, Little Red River, Jack East Draw Point, Heber Springs, AR (Agency Proj. No. Unknown) Survey Party Chief/ Technician ran a field crew and downloaded/ processed data for single beam hydrographic surveys 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	LaDOTD Retainer Contract for Hydrographic Survey Monitoring, Statewide, LA (4400000681 & 700-99-0525) Survey Party Chief/ Technician ran a field crew, downloaded/ processed data, and performed other office tasks for single beam hydrographic surveys for multiple bridges at scheduled intervals upstream and downstream for 64 sites throughout northern districts.
07/09 – 05/11	LaDOTD Retainer Contract for Professional Surveying Services, Statewide, LA (4400000665 & 700-99-0483) Survey Party Chief/ Technician ran a field crew, downloaded/ processed data, and performed other office tasks for single beam hydrographic surveys for multiple bridges at scheduled intervals upstream and downstream for 187 sites throughout the State.

Firm employed by NTB Associates, Inc.			
Name	Will Wales		Years of relevant experience with this employer
Title	Party Chief		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		ATSSA TCS	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Will Wales will serve as Field Operations Manager during this contract. He will supervise field operations for hydrographic surveys .	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/24 – 06/26	IDIQ Contract for Professional Hydrographic Surveying Services, Statewide, LA (4400027686) Field Operations Manager supervising field operations for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 185 sites to date throughout southern districts.		
03/26 – 06/26	Energy Transfer, Arkansas River Crossing, AR (Agency Proj. No. Unknown) Field Operations Manager supervising field operations for multibeam hydrographic surveying services of the Arkansas River to support the proposed bore crossing and easement evaluation, delivering detailed profile data with state plane coordinates, AutoCAD surface drawings, and a comprehensive bathymetric survey report.		
05/25 – 06/25	Energy Transfer Gathering System Hydrographic Survey, ND (Agency Proj. No. Unknown) Field Operations Manager supervised field operations for multibeam hydrographic surveying services of Lake Sakakawea covering a 250 acre area in support of project planning and bore design.		
12/24 – 03/25	NuStar Ouachita River Crossing, AR (Agency Proj. No. Unknown) Field Operations Manager supervised field operations for hydrographic surveying of the Ouachita River to support a modified HDD crossing, delivering detailed bathymetric profiles, state plane coordinates, and AutoCAD surface models for route evaluation and design.		
11/21 – 03/25	LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) Field Operations Manager/ Survey Party Chief supervised field operations and ran a field crew for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 301 sites throughout southern districts.		
11/22 – 12/22	ThermalTech Ouachita River Hydrographic Survey, Ashley County, AR (13004.330) Survey Party Chief ran a field crew and downloaded/ processed data for multibeam hydrographic surveying services to obtain elevations throughout the channel length along the Ouachita River from Monroe, LA to Crossett Harbor west of Crossett, AR.		
07/22 – 07/22	KZJV Plaquemines Parish Hydrographic Survey, LA (000078-574141) Survey Party Chief ran a field crew and downloaded/ processed data for multibeam hydrographic surveying services 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.		
12/20 – 03/22	LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Survey Party Chief ran a field crew and downloaded/ processed data for surveying services including a multibeam hydrographic survey of the bridge structure piers to determine scour impact.		

07/20 – 11/21	LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) Survey Party Chief ran a field crew, downloading/ processing data, and performing other office tasks for single beam and multibeam hydrographic surveying services at scheduled intervals upstream and downstream for 320 sites throughout southern districts.
10/20 – 11/20	Caddo Lake Hydrographic Profile Survey, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Party Chief ran a field crew and downloaded/ processed data for single beam hydrographic surveying services 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	LaDOTD LA 16 Amite Drainage Improvements, Route LA 16, Tangipahoa Parish, LA (4400001798 & H.009425.5) Survey Party Chief ran a field crew and downloaded/ processed data for topographic and single beam hydrographic surveying services for drainage improvements. Hydrographic surveys were performed of the drainage pond and related outfalls on this project to collect the run-off of the drainage system.
04/13 – 09/13	LaDOTD LA 506 Castor Relief Bridges, Route LA 506, Caldwell Parish, LA (345-03-0029, 400001798, & H.002650.5) Survey Party Chief ran a field crew and downloaded/ processed data for topographic and single beam hydrographic surveying services for use as basis for engineering design for the replacement or rehabilitation of 7 bridges. Hydrographic surveys were performed as related to the creeks and tributaries crossing beneath the 7 bridges along the project route.

Firm employed by NTB Associates, Inc.			
Name	J. "Corey" Musselman		Years of relevant experience with this employer
Title	Party Chief		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		ATSSA TCT	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Corey Musselman will serve as Senior Survey Party Chief during this contract. He will lead a field crew, download & process data, and complete charts & sketches for hydrographic surveys .	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/24 – 06/26	IDIQ Contract for Professional Hydrographic Surveying Services, Statewide, LA (4400027686) Survey Party Chief running a field crew, downloading/ processing data, and completing charts and sketches for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 185 sites to date throughout southern districts.		
03/26 – 06/26	Energy Transfer Arkansas River Crossing, AR (Agency Proj. No. Unknown) Survey Party Chief ran a field crew and downloaded/ processed data for multibeam hydrographic surveying services of the Arkansas River to support the proposed bore crossing and easement evaluation, delivering detailed profile data with state plane coordinates, AutoCAD surface drawings, and a comprehensive bathymetric survey report.		
05/25 – 06/25	Energy Transfer Gathering System Hydrographic Survey, ND (Agency Proj. No. Unknown) Survey Party Chief ran a field crew and downloaded/ processed data for multibeam hydrographic surveying services of Lake Sakakawea covering a 250-acre area in support of project planning and bore design.		
12/24 – 03/25	NuStar Ouachita River Crossing, AR (Agency Proj. No. Unknown) Survey Party Chief ran a field crew and downloaded/ processed data for hydrographic surveying of the Ouachita River to support a modified HDD crossing, delivering detailed bathymetric profiles, state plane coordinates, and AutoCAD surface models for route evaluation and design.		
11/21 – 03/25	LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) Survey Party Chief/ Instrument Man ran a field crew, downloaded/ processed data, and completed charts and sketches for single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 301 sites throughout southern districts.		
11/22 – 12/22	ThermalTech Ouachita River Hydrographic Survey, Ashley County, AR (13004.330) Instrument Man performed on a field crew and downloaded/ processed data for multibeam hydrographic surveying services to obtain elevations throughout the channel length along the Ouachita River from Monroe, LA to Crossett Harbor west of Crossett, AR.		

07/22 – 07/22	KZJV Plaquemines Parish Hydrographic Survey, LA (000078-574141) Instrument Man performed on a field crew and downloaded/ processed data for multibeam hydrographic surveying services 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.
12/20 – 03/22	LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Instrument Man/ Rodman performed on a field crew and downloaded/ processed data for surveying services including multibeam hydrographic surveying services of the bridge structure piers to determine scour impact.
09/20 – 11/21	LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) Instrument Man/ Rodman performed on a field crew, downloaded/ processed data, and performed other office tasks for single beam and multibeam hydrographic surveying services at scheduled intervals upstream and downstream for 320 sites throughout southern districts.

Firm employed by NTB Associates, Inc.				
Name	Chip LeCoq		Years of relevant experience with this employer	10
Title	Party Chief		Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization			High School Diploma, 1996	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Chip LeCoq will serve as Survey Party Chief during this contract. He will lead/ perform on a field crew, download & process data, and complete charts & sketches as needed for hydrographic surveys .	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/24 – 06/26	IDIQ Contract for Professional Hydrographic Surveying Services, Statewide, LA (4400027686) Survey Party Chief ran a field crew, downloaded/ processed data, and providing office support functions related to single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 185 sites to date throughout southern districts.			
11/22 – 06/26	LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Instrument Man 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.			
11/22 – 06/26	LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Instrument Man 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.			
09/20 – 03/25	LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) Survey Party Chief ran a field crew, downloaded/ processed data, and provided office support functions related to single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 301 sites throughout southern districts.			
03/23 – 10/24	LaDOTD Watershed Initiative (LWI) Modeling Contract – Region 1 (4400017067) Survey Party Chief ran a field crew and downloaded/ processed data for surveys of rivers and tributaries in support of drainage basin modeling as a sub-consultant to Atkins.			
12/20 – 03/22	LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Survey Party Chief ran a field crew and downloaded/ processed data for surveying services including multibeam hydrographic surveying services of the bridge structure piers to determine scour impact.			
08/18 – 11/21	LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) Survey Party Chief ran a field crew, downloaded/ processed data, and provided office support functions related to single beam and multibeam hydrographic surveying services at scheduled intervals upstream and downstream for 320 sites throughout southern districts.			

Firm employed by NTB Associates, Inc.			
Name	J. "Tyler" Boyd		Years of relevant experience with this employer
Title	Instrument Man		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	ATSSA TCT		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Mr. Tyler Boyd will serve as Instrument Man during this contract. He will perform on a field crew, download & process data, and complete charts & sketches for hydrographic surveys .		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/24 – 01/25 01/26 – 06/26	IDIQ Contract for Professional Hydrographic Surveying Services, Statewide, LA (4400027686) Instrument Man serving on a field crew, downloading/ processing data, and providing office support functions related to single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 185 sites to date throughout southern districts.		
03/26 – 06/26	Energy Transfer, Arkansas River Crossing, AR (Agency Proj. No. Unknown) Instrument Man serving on a field crew and downloading/ processing data for multibeam hydrographic surveying services of the Arkansas River to support the proposed bore crossing and easement evaluation, delivering detailed profile data with state plane coordinates, AutoCAD surface drawings, and a comprehensive bathymetric survey report.		
12/24 – 03/25	NuStar Ouachita River Crossing, AR (Agency Proj. No. Unknown) Instrument Man served on a field crew and downloaded/ processed data for hydrographic surveying of the Ouachita River to support a modified HDD crossing, delivering detailed bathymetric profiles, state plane coordinates, and AutoCAD surface models for route evaluation and design.		
11/21 – 01/25	LaDOTD IDIQ Contract for Hydrographic Surveying Services, Statewide, LA (4400019715) Instrument Man served on a field crew, downloaded/ processed data, and provided office support functions related to single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 301 sites throughout southern districts.		
03/23 – 10/24	LaDOTD Watershed Initiative (LWI) Modeling Contract – Region 1 (4400017067) Instrument Man served on a field crew and downloaded/ processed data for surveys of rivers and tributaries in support of drainage basin modeling as a sub-consultant to Atkins.		
07/22 – 07/22	KZJV Plaquemines Parish Hydrographic Survey, LA (000078-574141) Instrument Man served on a field crew and downloaded/ processed data for multibeam hydrographic surveying services 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.		

12/20 – 03/22	LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Instrument Man served on a field crew and downloaded/ processed data for surveying services including multibeam hydrographic surveying services of the bridge structure piers to determine scour impact.
09/19 – 11/21	LaDOTD IDIQ Contract for Hydrographic Surveying Services Statewide, LA (4400012669) Instrument Man/ Rodman served on a field crew, downloading/ processing data, and providing office support functions related to single beam and multibeam hydrographic surveying services at scheduled intervals upstream and downstream for 320 sites throughout southern districts.

Firm employed by NTB Associates, Inc.			
Name	William Blanchard, Jr.		Years of relevant experience with this employer
Title	Instrument Man		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		ATSSA TCT	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. William Blanchard will serve as Instrument Man during this contract. He will perform on a field crew and download data for hydrographic surveys .	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
11/22 – 06/26	LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Instrument Man 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.		
11/22 – 06/26	LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Instrument Man 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.		
05/25 – 05/25	IDIQ Contract for Professional Hydrographic Surveying Services, Statewide, LA (4400027686) Instrument Man serving on a field crew, downloading/ processing data, and providing office support functions related to single beam and multibeam hydrographic surveying services for multiple bridges at scheduled intervals upstream and downstream for 185 sites to date throughout southern districts.		
03/23 – 10/24	LaDOTD Watershed Initiative (LWI) Modeling Contract – Region 1 (4400017067) Instrument Man 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.		
06/15 – 02/17	LaDOTD LA 675 & LA 87 Improvements in New Iberia, Iberia Parish, LA (4400002562 & H.011781.5) Instrument Man 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.		
07/14 – 02/15	LaDOTD LA 16 Amite Drainage Improvements, Route LA 16, Tangipahoa Parish, LA (4400001798 & H.009425.5) Instrument Man performed on a field crew and downloaded data for topographic and single beam hydrographic surveying services for drainage improvements. Hydrographic surveys were performed of the drainage pond and related outfalls on this project to collect the run-off of the drainage system.		
04/13 – 09/13	LaDOTD LA 506 Castor Relief Bridges, Route LA 506, Caldwell Parish, LA (345-03-0029, 400001798, & H.002650.5) Instrument Man performed on a field crew and downloaded data for topographic and single beam hydrographic surveying services for use as basis for engineering design for the replacement or rehabilitation of 7 bridges. Hydrographic surveys 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.

* If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent.

**This field cannot be left blank and N/A is not acceptable.

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

~~~Copy these disciplines exactly as they are listed above.~~~

\*\*\* Consultants have the flexibility to determine what a project is though **still limited to one project per sheet**. For example, an IDIQ or other retainer-type contract can be considered a project for the purpose of this section.

**PLEASE SEE RELEVANT PROJECTS ON THE FOLLOWING PAGES**

|                                         |                                                                               |                                                                                                                               |                                                               |                                     |        |                            |
|-----------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------|--------|----------------------------|
| Firm name                               | NTB Associates, Inc.                                                          |                                                                                                                               | Discipline(s)*                                                |                                     | Survey |                            |
| Project name                            | IDIQ Contract for Professional Hydrographic Surveying Services, Statewide, LA |                                                                                                                               |                                                               | Firm responsibility (prime or sub?) |        | Prime                      |
| Project number                          | 4400027686                                                                    | Owner's name                                                                                                                  | LaDOTD Baton Rouge                                            |                                     |        |                            |
| Project location                        | Southern Districts                                                            |                                                                                                                               |                                                               | Owner's Project Manager             |        | Mr. Carl Hultgren, PLS, CH |
| Owner's address, phone, email           |                                                                               | 1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1723 <a href="mailto:carl.hultgren@la.gov">carl.hultgren@la.gov</a> |                                                               |                                     |        |                            |
| Services commenced by this firm (mm/yy) |                                                                               | 02/24                                                                                                                         | Total consultant contract cost (\$1,000's)                    |                                     |        | \$1,000                    |
| Services completed by this firm (mm/yy) |                                                                               | On-going                                                                                                                      | Cost of consultant services provided by this firm (\$1,000's) |                                     |        | \$558 - to date            |

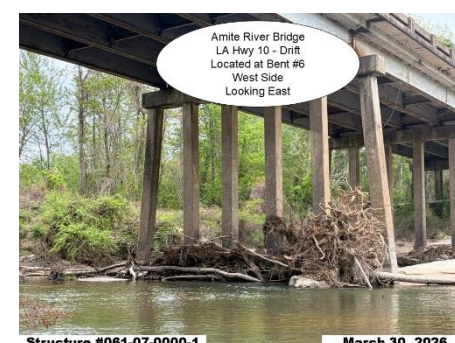
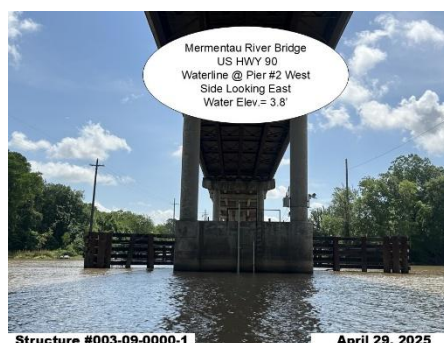
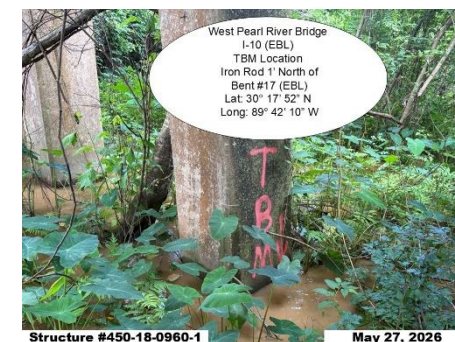
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

**NTBA** performed **single beam and multibeam hydrographic surveying services** and the development of surface models from LiDAR data at scheduled intervals upstream and downstream under an IDIQ Contract for existing bridges throughout the State totaling 185 sites to date. **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 are submitted electronically to the State's ProjectWise site.

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

|              |          |              |
|--------------|----------|--------------|
| M. King      | B. Bunch | C. Musselman |
| B. Rossini   | S. Rimes | T. Boyd      |
| W. Blanchard | W. Wales | C. LeCoq     |



|                                         |                                                                                  |                                                               |                    |                                     |                |
|-----------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------|-------------------------------------|----------------|
| Firm name                               | NTB Associates, Inc.                                                             |                                                               | Discipline(s)*     | Survey                              |                |
| Project name                            | IDIQ Contract for Hydrographic Surveying Services, Statewide, LA                 |                                                               |                    | Firm responsibility (prime or sub?) | Prime          |
| Project number                          | 4400019715                                                                       | Owner's name                                                  | LaDOTD Baton Rouge |                                     |                |
| Project location                        | Southern Districts                                                               |                                                               |                    | Owner's Project Manager             | Mr. Mitch Kent |
| Owner's address, phone, email           | 1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1013 mitch.kent@la.gov |                                                               |                    |                                     |                |
| Services commenced by this firm (mm/yy) | 09/20                                                                            | Total consultant contract cost (\$1,000's)                    |                    |                                     | \$1,000        |
| Services completed by this firm (mm/yy) | 03/25                                                                            | Cost of consultant services provided by this firm (\$1,000's) |                    |                                     | \$886          |

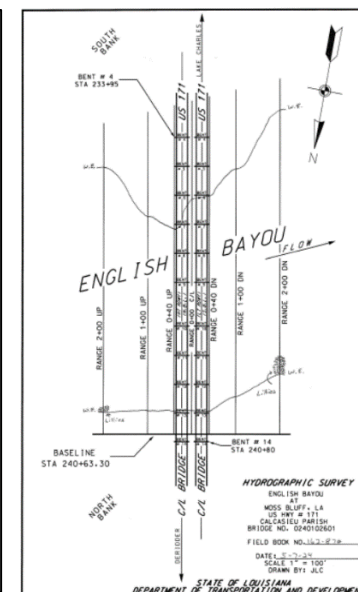
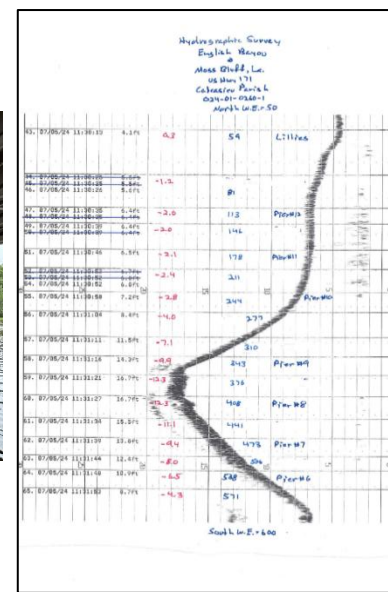
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

NTBA performed **single beam and multibeam hydrographic surveying services** and the development of surface models from LiDAR data at scheduled intervals upstream and downstream under an IDIQ Contract for existing bridges throughout the State totaling 301 sites including post hurricane assessments. **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 are submitted electronically to the State's ProjectWise site.

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

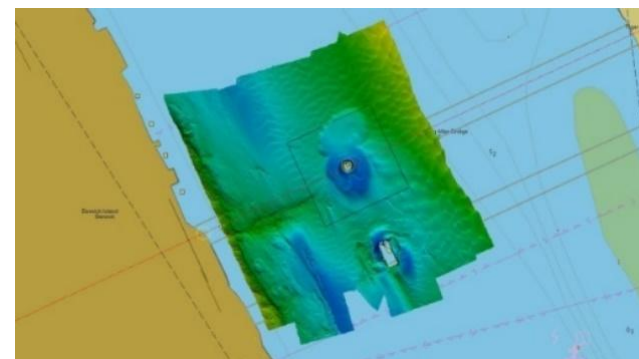
|          |              |          |
|----------|--------------|----------|
| M. King  | B. Bunch     | S. Rimes |
| W. Wales | C. Musselman | T. Boyd  |
| C. LeCoq |              |          |



|                                         |                                                                                        |                                                               |                    |                                     |                        |
|-----------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------|-------------------------------------|------------------------|
| Firm name                               | NTB Associates, Inc.                                                                   |                                                               | Discipline(s)*     | Survey                              |                        |
| Project name                            | IDIQ Contract for Hydrographic Surveying Services, Statewide, LA                       |                                                               |                    | Firm responsibility (prime or sub?) | Prime                  |
| Project number                          | 4400012669                                                                             | Owner's name                                                  | LaDOTD Baton Rouge |                                     |                        |
| Project location                        | Southern Districts                                                                     |                                                               |                    | Owner's Project Manager             | Mr. Joe Arretteig, PLS |
| Owner's address, phone, email           | 1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1105 joseph.arretteig@la.gov |                                                               |                    |                                     |                        |
| Services commenced by this firm (mm/yy) | 08/18                                                                                  | Total consultant contract cost (\$1,000's)                    |                    |                                     | \$1,000                |
| Services completed by this firm (mm/yy) | 11/21                                                                                  | Cost of consultant services provided by this firm (\$1,000's) |                    |                                     | \$977                  |

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

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 geo-referenced **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:

|          |            |              |
|----------|------------|--------------|
| M. King  | B. Bunch   | S. Rimes     |
| W. Wales | B. Rossini | C. Musselman |
| T. Boyd  | C. LeCoq   |              |



|                                         |                                                                                                                                      |                                                               |                           |                                     |                                   |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------|-------------------------------------|-----------------------------------|
| Firm name                               | <b>NTB Associates, Inc.</b>                                                                                                          |                                                               | Discipline(s)*            | <b>Survey</b>                       |                                   |
| Project name                            | <b>Retainer Contract for Hydrographic Monitoring of Existing Bridges, Statewide, LA</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>Northern &amp; Southern 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</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</b>                      |

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

**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 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:**

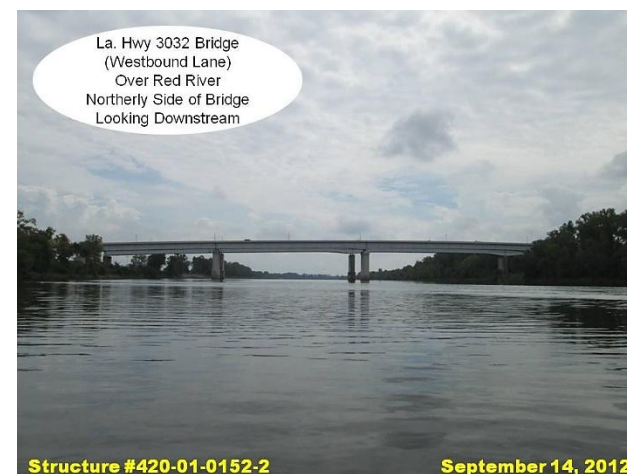
B. Bunch  
B. Rossini

|                                         |                                                                                        |                                                               |                    |                                     |                        |
|-----------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------|-------------------------------------|------------------------|
| Firm name                               | NTB Associates, Inc.                                                                   |                                                               | Discipline(s)*     | Survey                              |                        |
| Project name                            | Retainer Contract for Professional Hydrographic Surveying Services, Statewide, LA      |                                                               |                    | Firm responsibility (prime or sub?) | Prime                  |
| Project number                          | 4400001798 & H.008768.5                                                                | Owner's name                                                  | LaDOTD Baton Rouge |                                     |                        |
| Project location                        | Northern Districts                                                                     |                                                               |                    | Owner's Project Manager             | Mr. Joe Arretteig, PLS |
| Owner's address, phone, email           | 1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1105 joseph.arretteig@la.gov |                                                               |                    |                                     |                        |
| Services commenced by this firm (mm/yy) | 12/11                                                                                  | Total consultant contract cost (\$1,000's)                    |                    |                                     | \$1,807                |
| Services completed by this firm (mm/yy) | 11/12                                                                                  | Cost of consultant services provided by this firm (\$1,000's) |                    |                                     | \$288<br>(Hydro TOs)   |

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

**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, topographic surveying services, and **hydro** support. However, for the purpose of this submittal, we are focusing on the **hydrographic task orders**.



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

M. King      B. Rossini      W. Blanchard  
B. Bunch      W. Wales

## 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.**

### KEY PROJECT STAFF



**Mike J. King, PLS, VP, Project Manager**

**NTBA 20 Years**

Mike has over 20 years of surveying experience, including projects involving rivers, tributaries, and other waterway features, with dedicated **LaDOTD Hydrographic Contract** management experience beginning in 2020, focusing on lakes, rivers, and bays. He has performed on four **LaDOTD Hydrographic Contracts** and has additional **hydrographic survey** experience with various clients. He has managed field crews and directed **single beam and multibeam** data acquisition and processing. His **hydrographic** expertise was strengthened through mentorship under Grant H. Gilleon, a seasoned professional with decades of **hydrographic surveying** experience.



**P. "Brian" Rossini, Jr., CADD Technician**

**NTBA 21 Years**

Brian brings over 20 years of surveying experience, beginning with extensive field work on waterways such as streams, tributaries, and rivers, and later helping establish the firm's **LaDOTD hydrographic** program as a captain and lead Hydro Party Chief in 2009. He led numerous statewide **LaDOTD hydrographic surveys**, managing crews and data collection. He now serves as a CADD Technician/Coordinator, producing deliverables using both **single beam and multibeam** data, reflecting strong expertise from field to final deliverables.



**Will Wales, Field Operations Manager**

**NTBA 13 Years**

Will began his **LaDOTD hydrographic surveying** experience in 2020 under the direction Grant Gilleon & Mike King. He progressed from Rodman to Survey Party Chief and currently serves as Field Operations Manager overseeing **hydrographic survey** field efforts. As Party Chief, he led crews performing **single beam and multibeam hydrographic surveys**. His experience includes managing field crews, coordinating data collection, and supporting the successful delivery of **hydrographic surveys**. This progression reflects strong hands-on experience and leadership in **hydrographic** field operations.



**J. "Corey" Musselman, Sr. Survey Party Chief**

**NTBA 7.5 Years**

Corey has over 7 years of surveying experience, with dedicated **hydrographic** work supporting **LaDOTD** and other clients. He progressed from Rodman and Instrument Man roles to Party Chief leading crews on **single beam and multibeam hydrographic surveys**. He currently leads field crews, overseeing data collection, processing, and sketch/chart development for **hydrographic survey** deliverables. His background demonstrates a well-rounded understanding of **hydrographic survey** execution and reliable field leadership.

## WE UNDERSTAND WHAT YOU NEED.

**NTBA** has been serving **LaDOTD** throughout Louisiana since 1986. Our organization of in-house professionals sets the standard for responsiveness and precision. **Since 2009, NTBA has performed hydrographic surveying services on seven LaDOTD Hydrographic Retainer Contracts in both the North and South Regions.** Over the last seventeen years, **NTBA** staff have completed well over 1,000 **hydrographic surveys** statewide including both **single beam and multibeam surveys**.



**NTBA** is currently supporting **LaDOTD hydrographic surveys** in southern districts under its seventh contract, demonstrating long-standing experience delivering these services in accordance with **LaDOTD** standards, procedures, and specifications. Our ability to provide accurate data efficiently, combined with advanced technology, ensures projects stay on schedule even under demanding conditions.

The Project Manager is 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.



## WE ARE READY TO LEAD YOUR PROJECT FROM BATON ROUGE AND SHREVEPORT.

Our Project Manager, Mike J. King, PLS, VP, has been a licensed surveyor in Louisiana since 2015, with over 20 years of survey experience that includes extensive work on **hydrographic** and waterway-related surveys. He is supported by Louisiana licensed surveyors and **hydrographic** field crews capable of performing **single beam and multibeam surveys**

statewide, ensuring responsive and reliable services wherever needed across Louisiana.

## WE ARE AVAILABLE.

**NTBA** is prepared to begin work immediately upon Notice to Proceed and is committed to delivering high-quality results on schedule. With extensive experience supporting **LaDOTD hydrographic surveying contracts**, our team can mobilize quickly and execute efficiently from day one. We understand the importance of responsiveness and timely data delivery for these projects and are equipped to meet those demands while staying within budget.



## PROJECT APPROACH & 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 specified timeline. **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.

### Sample Schedule (Excerpt from an Active LaDOTD Hydro Task Order)

| NTBA TASK ORDER SCHEDULE<br>DOTD 4400027678 - H.008768.5 - TASK ORDER NO. 8 |      |               |                                |                  |                       |                       |                                                   |                                            |                          |
|-----------------------------------------------------------------------------|------|---------------|--------------------------------|------------------|-----------------------|-----------------------|---------------------------------------------------|--------------------------------------------|--------------------------|
| PHASE                                                                       | IN T | Bridge Number | Bridge Name                    | Last Survey Date | Suggested Survey Date | Scheduled Survey Date | Early Survey Date (15 days before Suggested Date) | Late Survey Date (15 days after Suggested) | Scheduled Submittal Date |
| 01                                                                          | 3    | 424-05-2260-1 | Wax Lake Outlet @ Calumet (E)  | 3/1/2026         | 6/1/2026              | 06/01/26              | 5/17/2026                                         | 6/16/2026                                  | 06/08/26                 |
| 02                                                                          | 3    | 424-05-2260-2 | Wax Lake Outlet @ Calumet (W)  | 3/1/2026         | 6/1/2026              | 06/01/26              | 5/17/2026                                         | 6/16/2026                                  | 06/08/26                 |
| 03                                                                          | 3    | 006-05-0000-1 | Chef Menteur Pass              | 3/7/2026         | 6/7/2026              | 06/08/26              | 5/23/2026                                         | 6/22/2026                                  | 06/15/26                 |
| 04                                                                          | 3    | 006-08-0000-1 | East Pearl River @ Pearlington | 3/9/2026         | 6/9/2026              | 06/09/26              | 5/25/2026                                         | 6/24/2026                                  | 06/16/26                 |
| 05                                                                          | 6    | 450-18-0960-1 | West Pearl Bridge (East)       | 11/20/2025       | 5/19/2026             | 05/26/26              | 5/4/2026                                          | 6/3/2026                                   | 06/02/26                 |
| 06                                                                          | 6    | 450-18-0960-2 | West Pearl Bridge (West)       | 11/20/2025       | 5/19/2026             | 05/27/26              | 5/4/2026                                          | 6/3/2026                                   | 06/03/26                 |
| 07                                                                          | 6    | 450-19-0000-1 | East Pearl River Bridge        | 11/19/2025       | 5/18/2026             | 05/27/26              | 5/3/2026                                          | 6/2/2026                                   | 06/03/26                 |
| 08                                                                          | 24   | 012-09-0000-1 | Bayou Nezpique @ Basile        | 6/25/2024        | 6/15/2026             | 06/15/26              | 5/31/2026                                         | 6/30/2026                                  | 06/22/26                 |
| 09                                                                          | 12   | 454-04-0796-1 | Tchefuncte River Bridge (East) | 7/8/2025         | 7/3/2026              | 07/03/26              | 6/18/2026                                         | 7/18/2026                                  | 07/10/26                 |
| 10                                                                          | 12   | 450-04-0796-2 | Tchefuncte River Bridge (West) | 7/8/2025         | 7/3/2026              | 07/03/26              | 6/18/2026                                         | 7/18/2026                                  | 07/10/26                 |

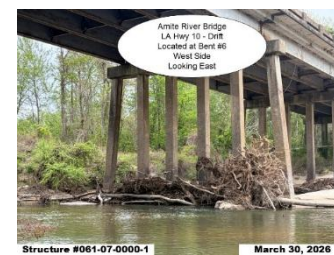
**NTBA** first establishes the horizontal control for the project using NTRIP service LEICA SmartNET or other available published control. The horizontal datum to be used for the project is NAD 83 Louisiana State Plane Coordinate System South Zone (1702), US Feet. **NTBA** recovers the project benchmark 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.

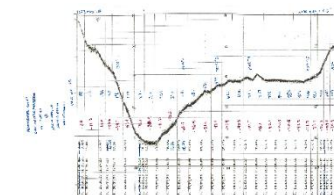
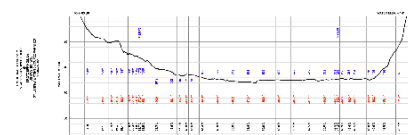
On larger rivers such as the Mississippi River or Atchafalaya River, **NTBA** utilizes **multibeam** technology to obtain more accurate data and

provide additional safety for our crews. The NORBIT Multibeam System is used and 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 properly 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.



## SPECIALIZED EQUIPMENT & SOFTWARE

**NTBA** owns the equipment and software necessary to meet contract requirements, with a highly trained **hydrographic** survey crew experienced in all listed systems. Rental equipment available as needed.

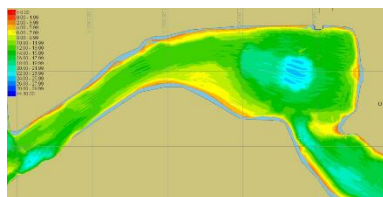
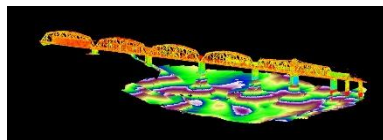
### EQUIPMENT

- 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 & GPS
- 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



### SOFTWARE

- ✓ 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



## 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)<br><b>ALL FIRMS</b> MUST BE<br>REPRESENTED IN THIS<br>TABLE                                                   | Discipline(s) * | Contract Number and<br>State Project Number           | Project Name                                                                                                                                            | Remaining<br>Unpaid<br>Balance** |
|-----------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <b>NTB Associates, Inc.</b><br><br> | Survey          | <b>4400019338<br/>Multiple SP Nos.<br/>per bridge</b> | <b>Contract for Rural Bridge Replacement Initiative<br/>Phase II, Districts 05, 08, &amp; 58 (Sub to Waggoner)</b>                                      | <b>\$48,739</b>                  |
|                                                                                                                       | Survey          | <b>4400019337<br/>Multiple SP Nos.<br/>per bridge</b> | <b>Contract for Rural Bridge Replacement Initiative<br/>Phase II, Districts 02, 03, 07, 61, &amp; 62 (Sub to BKI)</b>                                   | <b>\$34,577</b>                  |
|                                                                                                                       | Other (SUE)     | <b>4400026587<br/>H.001779</b>                        | <b>Jimmie Davis Bridge (LA 511) (HBI) Design Build<br/>Project, Bossier Parish (Sub to James Construction/<br/>Huval &amp; Associates, Inc.)</b>        | <b>N/A</b>                       |
|                                                                                                                       | Survey          | <b>4400027918<br/>H.012869.5</b>                      | <b>IDIQ Contract for Professional Boundary Surveying<br/>Services – Task Order 3 – LA 182 (Univ) @ LA 723<br/>(Renaud) Roundabout, Lafayette Parish</b> | <b>\$27,332</b>                  |
|                                                                                                                       | Survey          | <b>4400027918<br/>H.011310</b>                        | <b>IDIQ Contract for Professional Boundary Surveying<br/>Services – Task Order 4 – Ford Street Extension,<br/>District 61</b>                           | <b>\$8,603</b>                   |
|                                                                                                                       | Survey          | <b>4400027918<br/>H.015721</b>                        | <b>IDIQ Contract for Professional Boundary Surveying<br/>Services – Task Order 5 – LA 30 Roundabout,<br/>Ascension Parish</b>                           | <b>\$23,592</b>                  |

|  |                        |                                       |                                                                                                                                         |           |
|--|------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------|
|  | Survey                 | 4400027918<br>H.015568                | IDIQ Contract for Professional Boundary Surveying Services – Task Order 6 – LA 44 Pelican Point Roundabout & Widening, Ascension Parish | \$44,108  |
|  | Survey                 | 4400027918<br>H.014059                | IDIQ Contract for Professional Boundary Surveying Services – Task Order 7 – US 80: Bridges Near Minden, Webster Parish                  | \$10,024  |
|  | Survey                 | 4400027918<br>H.014059                | IDIQ Contract for Professional Boundary Surveying Services – Task Order 8 – US 80: Bridges Near Minden, Addt'l Site, Webster Parish     | \$842     |
|  | Survey                 | 4400027918<br>H.011970.5              | IDIQ Contract for Professional Boundary Surveying Services – Task Order 9 – LA 182: Bayou Terrebonne Bridges, Terrebonne Parish         | \$30,452  |
|  | Survey                 | 4400027918<br>H.016325.5              | IDIQ Contract for Professional Boundary Surveying Services – Task Order 10 – LA 358: Creek Bridge, St. Landry & Acadia Parishes         | \$13,467  |
|  | Survey                 | 4400027918<br>H.010795.5              | IDIQ Contract for Professional Boundary Surveying Services – Task Order 11 – LA 42: Roundabout @ Joe Sevario Road, Ascension Parish     | \$27,774  |
|  | Survey                 | 4400027678<br>H.008768.5              | IDIQ Contract for Hydrographic Surveying Services – Task Order 8 – Summer Bridges                                                       | 87,843    |
|  | Other (SUE)/<br>Survey | 4400030630<br>H.015724.5              | Kings Hwy: Healthcare & Dev. Corridor, Caddo Parish (Sub to AFJ&M, City of Shreveport, & Forte & Tablada)                               | \$193,085 |
|  | Other (SUE)            | Parish Proj. No. 2025-118<br>H.003855 | Cong Relief Winfield Road, Bossier Parish (Sub to Volkert)                                                                              | \$3,566   |
|  | Survey                 | 4400031331<br>H.015477.5              | Shreveport Pavement Program- Task Order No. 2 – LA 1 Caddo Lake Bridge, Caddo Parish                                                    | \$3,469   |

(Add rows as needed)

DO NOT SUM

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

**\*\* Round to the nearest dollar. Do not round to the nearest thousands.** If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. **NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE.** LEAVING THE “REMAINING UNPAID BALANCE” COLUMN BLANK IS NOT ACCEPTABLE.

**20. Certifications/Licenses:**

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



|                                                                                                                                                       |                                                                                   |                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------|
| <b>NTB ASSOCIATES INC</b> ● Active Registration <span style="float: right;"> <a href="#">View</a> <a href="#">Update</a> <a href="#">More</a> </span> |                                                                                   |                                               |
| Unique Entity ID:<br><b>E8PTT4ZELXE3</b>                                                                                                              | Doing Business As:<br><b>(blank)</b>                                              | Expiration Date<br><b>Jul 14, 2026</b>        |
| CAGE/NCAGE:<br><b>1NBV8</b>                                                                                                                           | Physical Address:<br><b>500D PLEASANT VALLEY DR<br/>LITTLE ROCK, AR 72227 USA</b> | Purpose of Registration:<br><b>All Awards</b> |

|                                                                                                                                                         |                                                                                              |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>NTB ASSOCIATES, INC.</b> ● Active Registration <span style="float: right;"> <a href="#">View</a> <a href="#">Update</a> <a href="#">More</a> </span> |                                                                                              |                                               |
| Unique Entity ID:<br><b>DL8ELAPGQQ41</b>                                                                                                                | Doing Business As:<br><b>NTB ASSOCIATES, INC.</b>                                            | Expiration Date<br><b>Jul 30, 2026</b>        |
| CAGE/NCAGE:<br><b>1PDD3</b>                                                                                                                             | Physical Address:<br><b>525 LOUISIANA AVE, STE 200<br/>SHREVEPORT, LA 71101-5449<br/>USA</b> | Purpose of Registration:<br><b>All Awards</b> |

|                                                                                                                                                         |                                                                                        |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>NTB ASSOCIATES, INC.</b> ● Active Registration <span style="float: right;"> <a href="#">View</a> <a href="#">Update</a> <a href="#">More</a> </span> |                                                                                        |                                               |
| Unique Entity ID:<br><b>PNS1EJYESPB1</b>                                                                                                                | Doing Business As:<br><b>(blank)</b>                                                   | Expiration Date<br><b>Jul 30, 2026</b>        |
| CAGE/NCAGE:<br><b>6RAT9</b>                                                                                                                             | Physical Address:<br><b>100 BOMBER BLVD STE 2<br/>MOUNTAIN HOME, AR 72653-4626 USA</b> | Purpose of Registration:<br><b>All Awards</b> |

|                                                                                                                                                       |                                                                    |                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------|
| <b>NTB ASSOCIATES INC</b> ● Active Registration <span style="float: right;"> <a href="#">View</a> <a href="#">Update</a> <a href="#">More</a> </span> |                                                                    |                                               |
| Unique Entity ID:<br><b>T2K7VQN6DL58</b>                                                                                                              | Doing Business As:<br><b>(blank)</b>                               | Expiration Date<br><b>Feb 03, 2027</b>        |
| CAGE/NCAGE:<br><b>9V6U6</b>                                                                                                                           | Physical Address:<br><b>8643 MAIN ST<br/>ZACHARY, LA 70791 USA</b> | Purpose of Registration:<br><b>All Awards</b> |

**NTB Associates, Inc.**



*Louisiana*  
**SECRETARY  
 OF STATE** **NANCY LANDRY**


[Buy Certificates and Certified Copies](#)
[Subscribe to Electronic Notification](#)
[Print Detailed Record](#)

| Name                 | Type                 | City       | Status |
|----------------------|----------------------|------------|--------|
| NTB ASSOCIATES, INC. | Business Corporation | SHREVEPORT | Active |

#### Previous Names

NTB, INC. (Changed: 1/4/2000)

Business: NTB ASSOCIATES, INC.

Charter Number: 34216133D

Registration Date: 8/14/1986

#### Domicile Address

525 LOUISIANA AVE.  
 SHREVEPORT, LA 71101

#### Mailing Address

525 LOUISIANA AVE.  
 SHREVEPORT, LA 71101

#### Principal Office Address

525 LOUISIANA AVE.  
 SHREVEPORT, LA 71101

#### Status

Status: **Active**

Annual Report Status: **In Good Standing**

File Date: 8/14/1986

Last Report Filed: 7/25/2025

Type: Business Corporation



# 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

  
Vice President of Education and Technical Services

  
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

  
Vice President of Education and Technical Services

  
President, CEO

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



American Traffic Safety Services Association 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 "Alana Tabor".

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

**William Blanchard**

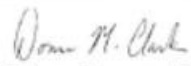
has attended

**Traffic Control Technician-LA State Specific**

Training Course

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

Baton Rouge, LA  
Location

  
Vice President of Education and Technical Services

  
President, CEO

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



American Traffic Safety Services Association [ATSSA.com](http://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</b><br><b>(Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>)</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 (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement.**