



Site visit:  
November 10, 2022  
Structure No. 624630391904571

**CONTRACT NO. 4400025054**  
**CONTRACT FOR OFF SYSTEM HIGHWAY BRIDGE PROGRAM**  
**MCLIN ROAD OVER DARLING CREEK**  
**STATE PROJECT NO. H.015025.5**  
**F.A.P. NO. H015025**  
**ST. HELENA PARISH**





**MONROE & CORIE, INC.**  
CONSULTING ENGINEERS

**SECTIONS**

**1-11**

# **DOTD FORM: 24-102**


(Revised March 1, 2022)


## **PROPOSAL TO PROVIDE CONSULTANT SERVICES**

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

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

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

1. Contract title as shown in the advertisement	CONTRACT FOR OFF SYSTEM HIGHWAY BRIDGE PROGRAM MCLIN ROAD OVER DARLING CREEK
2. Contract number(s) as shown in the advertisement	4400025054
3. State Project Number(s), if shown in the advertisement	H.015025.5
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	 <b>MONROE &amp; CORIE, INC.</b> CONSULTING ENGINEERS
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF # 0002216
6. Prime consultant mailing address	11325 Pennywood Ave., Baton Rouge, LA 70809
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	11325 Pennywood Ave., Baton Rouge, LA 70809
8. Name, title, phone number, and email address of prime consultant's contract point of contact	William C. Monroe, P.E., CEO (225)293-1905 wcm@monroecorie.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	William C. Monroe, P.E., CEO (225)293-1905 wcm@monroecorie.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has	

<p>sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.</p>	<p>Signature (shall be the same person as #9):</p> <p></p> <hr/> <p>Date: November 10, 2022</p>	
<p>11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.</p>	<p><u>Firm(s):</u></p>	<p><u>Firm(s)' %:</u></p>





SECTIONS

12-15



MONROE & CORIE, INC.  
CONSULTING ENGINEERS

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

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

Sub-consultants are allowed to be used for this proposal. Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102\*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract. (Add rows and columns as needed)

Evaluation Disciplines	% of Overall Contract	Prime <b>Monroe &amp; Corie, Inc.</b>	Firm B <b>Landsource, Inc.</b>	Firm C <b>Terracon</b>
Bridge	66%	100%		
Survey	28%	60%	40%	
Environmental	6%			100%
Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant				
Percent of Contract	100%	82.8.%	11.2%	6%

**13. Firm Size:**

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

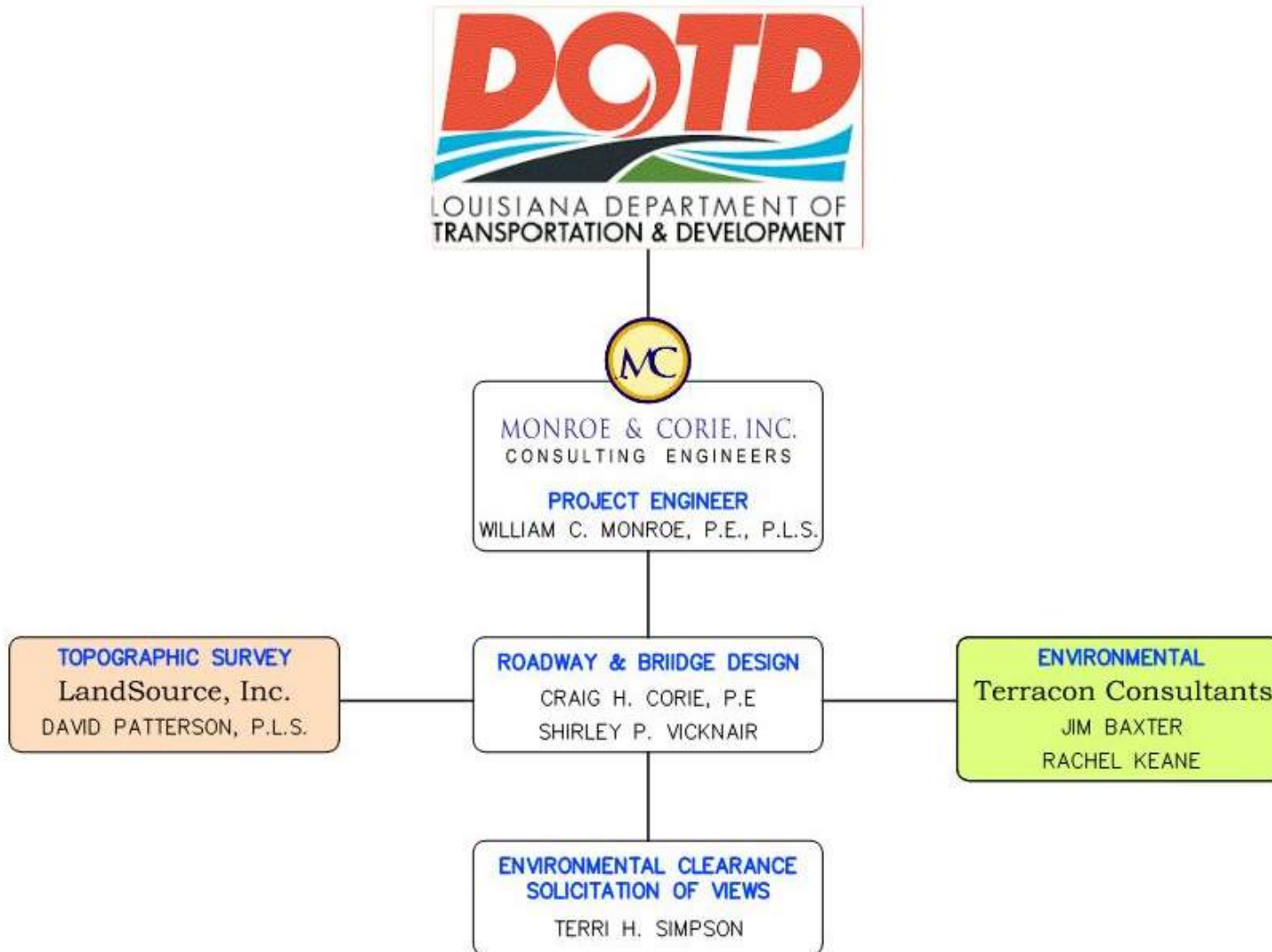
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
MONROE & CORIE, INC.	ENGINEER	2	2
MONROE & CORIE, INC.	SENIOR TECHNICIAN	1	1
MONROE & CORIE, INC.	CLERICAL	1	1
Landsource, Inc.	Surveyor	1	2
Landsource, Inc.	CADD Technician	1	4
Landsource, Inc.	CLERICAL	1	2
Landsource, Inc.	Instrument Man	1	4
Landsource, Inc.	Party Chief	1	4
Terracon	Environmental Manager	1	15
Terracon	Biologist/Wetlands	1	20

(Add rows as needed)

#### **14. Organizational Chart:**

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13.





**15. Minimum Personnel Requirements:**

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR.

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	W.C. Monroe, P.E., P.L.S.	Monroe & Corie, Inc.	P.E./ 0013691	LA	03/31/24
2	Craig H. Corie, P.E.	Monroe & Corie, Inc.	P.E./ 0027447	LA	09/30/23
3	W.C. Monroe, P.E., P.L.S.	Monroe & Corie, Inc.	P.E./0013691	LA	03/31/24
4	W.C. Monroe, P.E., P.L.S.	Monroe & Corie, Inc.	P.L.S./0004483	LA	03/31/24
4	David Patterson, P.L.S.	Landsource, Inc.	P.L.S./0004784	LA	03/31/23
5	Jim Baxter	Terracon Consultants, Inc.	N/A	N/A	N/A
5	Rachel Keane	Terracon Consultants, Inc.	N/A	N/A	N/A

(Add rows as needed)





SECTION

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## 16. Staff Experience:

Resumes shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal.

Firm employed by		 <b>MONROE &amp; CORIE, INC.</b> CONSULTING ENGINEERS		
Name	Craig H. Corie, P. E.	Years of relevant experience with this employer	25	
Title	Principal & President	Years of relevant experience with other employer(s)	5	
Degree(s) / Years / Specialization		Bachelor of Science – Louisiana State University/ 1992/ Civil Engineering		
Active registration number / state / expiration date		27447 / Louisiana / September 30, 2023		
Year registered	1997	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Drainage Maps and Bridge Design Engineer. Craig has served as Project manager and other engineer roles on Off-System Bridges listed below.		
	Mr. Corie has over 25 years of bridge design experience. Mr. Corie has also been the design engineer for multiple bridge replacements around the state. Each of these projects requires HEC-RAS modeling of the stream with the existing and proposed bridge to determine the size of the replacement structure as well as to assure no rise in the upstream water surface. Mr. Corie is recognized as an expert in Drainage Impact Studies, Bridge Hydraulics, and Scour Analysis. Mr. Corie has been the lead designer on the last three active projects.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
11/20-present	LA DOTD Off System Bridge Replacement Project, SPN H.014322, East Baton Rouge Parish; Lead Designer			
11/20-present	LA DOTD Off System Bridge Replacement Project, SPN H.014320, East Baton Rouge Parish; Lead Designer			
11/20-present	LA DOTD Off System Bridge Replacement Project, SPN H.014255, Rapides Parish; Lead Designer			
12/16-03/19	LA DOTD Off System Bridge Replacement Project SPN H.011087, in Red River Parish, one site. Responsible for drainage maps, hydraulic analysis and Quality Assurance/Quality Control (QA/QC) review.			
08/15-09/17	LA DOTD Off System Bridge Replacement Project SPN H.011527, in Tangipahoa Parish, three sites. Responsible for drainage maps, hydraulic analysis and Quality Assurance/Quality Control (QA/QC) review.			
06/15-05/19	LA DOTD Off System Bridge Replacement Project SPN H.011526, in Rapides Parish, three sites. Responsible for drainage maps, hydraulic analysis and Quality Assurance/Quality Control (QA/QC) review.			
09/13-02/17	East Baton Rouge Project No. 13-BR-LA-0002,0004,0024 – Disaster Recovery Bridges, responsible for geometric design, <u>Preliminary and Final plan preparation</u> , drainage maps, hydraulic analysis and bid quantities.			
10/13-02/17	LA DOTD Off System Bridge Replacement Project SPN H.010596, in West Feliciana Parish, two sites. Responsible for drainage maps, hydraulic analysis and Quality Assurance/Quality Control (QA/QC) review.			
09/13-10/17	LA DOTD Off System Bridge Replacement Project SPN H.010150, in Acadia Parish, two sites. Responsible for drainage maps, hydraulic analysis and Quality Assurance/Quality Control (QA/QC) review.			

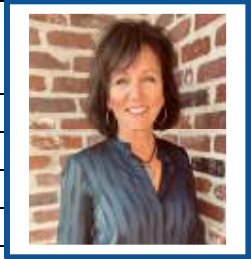
10/13-01/15	LA DOTD Off System Bridge Replacement Project SPN H.010150, in Acadia Parish, two sites. Responsible for drainage maps, hydraulic analysis and Quality Assurance/Quality Control (QA/QC) review.
06/13-12/16	LA DOTD Off System Bridge Replacement Project SPN H.010608, in Washington Parish, three sites. Responsible for drainage maps, hydraulic analysis and Quality Assurance/Quality Control (QA/QC) review.
08/13-11/16	LA DOTD Off System Bridge Replacement Project SPN H.010079, in Jefferson Davis Parish, three sites. Responsible for drainage maps, hydraulic analysis and Quality Assurance/Quality Control (QA/QC) review.
09/13-02/15	LA DOTD Off System Bridge Replacement Project SPN H.010036, in Evangeline Parish, two sites. Responsible for drainage maps, hydraulic analysis, bid quantities and constructability review.
11/12-05/15	LA DOTD Off System Bridge Replacement Project SPN H.010054, in Allen Parish, four sites. Responsible for drainage maps, hydraulic analysis, bid quantities and constructability review.
10/12-09/14	LA DOTD Off System Bridge Replacement Project SPN H.009982, in LaSalle Parish, four sites. Responsible for drainage maps, hydraulic analysis, bid quantities and constructability review.
11/06-10/10	LA DOTD Off System Bridge Replacement Project SPN 700-01-0115, in Acadia Parish, four sites. Responsible for drainage maps, hydraulic analysis, bid quantities and constructability review.
09/06-11/07	EBR Project No. 06-BR-PT-0046 – Project Designer of the replacement of a six-span timber bridge on Sharp Road. Responsible for geometric design, plan preparation, quantities and hydraulic analysis.
10/04 – 11/05	EBR Project No. 04-BR-CI-0023 – Project Designer of the replacement of a five span timber bridge responsible for geometric design, plan preparation, quantities, and hydraulic analysis.
07/01-01-02	EBR Project No. 01-BR-PT-0012 – Project Designer of the replacement of a six-span timber bridge responsible for geometric design, plan preparation, quantities and hydraulic analysis.
03/00-01/01	EBR Project No.00-BR-PT-0055 – Project Designer of the replacement of a four span timber bridge responsible for geometric design, plan preparation, quantities and hydraulic analysis.
09/99-11/01	LA DOTD Off System Bridge Replacement Project in Evangeline Parish SPN 713-20-0111 – Project Designer of the replacement of a four span timber bridge responsible for geometric design, quantities, drainage map and hydraulic analysis.



Firm employed by  <b>MONROE &amp; CORIE, INC.</b> CONSULTING ENGINEERS				
Name	William C. "Bill" Monroe, P.E., P.L.S.		Years of relevant experience with this employer	45
Title	C.E.O.		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization			Bachelor of Science – Louisiana State University/ 1968, 1972 Mechanical Engineering, Civil Engineering	
Active registration number / state / expiration date			13691/ Louisiana / March 31, 2024	
Year registered	1973/1974	Discipline	Mechanical/Civil Engineering	
Contract role(s) / brief description of responsibilities			Lead Project Manager and Engineer	
<p>Mr. Monroe has been in responsible charge of topographic surveys, hydraulics design, and roadway &amp; bridge design for preliminary and final plans of over 290 Off-System Bridge Replacement (OSBR) projects. These projects have been in the parishes of Avoyelles, Washington, East Feliciana, Pointe Coupee, St. Helena, Red River, Rapides, LaSalle, Natchitoches, Livingston, Jefferson Davis, St. Landry, Evangeline, Grant, Ouachita, Tangipahoa, Acadia, Terrebonne and Iberville. <b>Mr. Monroe worked on the very first group of Off System Replacement bridges in 1982.</b></p>				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
10/18 – 03/21	Surveyor and Lead Designer, SPN H.013163, Tangipahoa Parish, one Off System Bridge Replacement site			
10/18 – 04/21	Surveyor and Lead Designer, SPN H.013130, Ouachita Parish, two Off System Bridge Replacement sites			
10/18 – 09/21	Surveyor and Lead Designer, SPN H.013143, Avoyelles Parish, one Off System Bridge Replacement site			
12/16 - 03/19	Surveyor and Lead Designer, SPN H.011087, Red River Parish, one Off System Bridge Replacement site			
08/15 - 10/17	Surveyor and Lead Designer, SPN H.011527, Tangipahoa Parish, three Off System Bridge Replacement sites			
06/15 – 09/17	Surveyor and Lead Designer, SPN H.011523, Avoyelles Parish, two Off System Bridge Replacement sites			
06/15 – 05/17	Surveyor and Lead Designer, SPN H.011526, Rapides Parish, three Off System Bridge Replacement sites			
10/14 – 04/18	Surveyor and Lead Designer, SPN H.011526, Terrebonne Parish, two Off System Bridge Replacement sites			
10/13 – 02/17	Surveyor and Lead Designer, SPN H.010661, East Baton Rouge Parish, three Off System Bridge Replacement sites			
09/13 - 10/17	Surveyor and Lead Designer, SPN H.010596, West Feliciana Parish, two Off System Bridge Replacement sites			
10/13 - 01/15	Surveyor and Lead Designer, SPN H.010150, Acadia Parish, two Off System Bridge Replacement sites			
06/13 -12/16	Surveyor and Lead Designer, SPN H.010608, Washington Parish, three Off System Bridge Replacement sites			
08/13 - 11/16	Surveyor and Lead Designer, SPN H.010079, Jefferson Davis Parish, three Off System Bridge Replacement sites			
09/13 - 02/15	Surveyor and Lead Designer, SPN H.010036, Evangeline Parish, two Off System Bridge Replacement sites			
01/13 – 05/15	Surveyor and Lead Designer, SPN H.010054, Allen Parish, four Off System Bridge Replacement sites			
11/12 – 09/14	Surveyor and Lead Designer, SPN H.009982, LaSalle Parish, four Off System Bridge Replacement sites			
08/11 - 07/12	Surveyor and Lead Designer, SPN H.009134, Vernon Parish, one Off System Bridge Replacement site			
08/11 - 12/12	Surveyor and Lead Designer, SPN H.009133, Natchitoches Parish, one Off System Bridge Replacement site			
03/11 - 07/13	Surveyor and Lead Designer, SPN H.003822, Beauregard Parish, two Off System Bridge Replacement sites			
12/10 - 09/12	Surveyor and Lead Designer, SPN H.005148, Winn Parish, two Off System Bridge Replacement sites			
11/10 - 12/12	Surveyor and Lead Designer, SPN H.005054, Union Parish, one Off System Bridge Replacement site			
11/10 - 08/12	Surveyor and Lead Designer, SPN H.006153, LaSalle Parish, two Off System Bridge Replacement sites			



12/10 - 10/12	Surveyor and Lead Designer, SPN H.016062, Catahoula Parish, one Off System Bridge Replacement site
10/10 - 07/12	Surveyor and Lead Designer, SPN H.016141, Jefferson Davis Parish, one Off System Bridge Replacement site
01/10 - 04/12	Surveyor and Lead Designer, SPN 700-46-0107, St. Helena Parish, one Off System Bridge Replacement site
06/09 - 09/11	Surveyor and Lead Designer, SPN 700-37-0132, Ouachita Parish, one Off System Bridge Replacement site
09/08 - 08/09	Surveyor and Lead Designer, SPN 700-33-0110, Madison Parish, one Off System Bridge Replacement site
11/06 - 10/10	Surveyor and Lead Designer, SPN 700-01-0115, Acadia Parish, five Off System Bridge Replacement sites
08/06 - 04/10	Surveyor and Lead Designer, SPN 700-42-0111, Richland Parish, five Off System Bridge Replacement site
07/06 - 12/09	Surveyor and Lead Designer, SPN 700-30-0317, LaSalle Parish, four Off System Bridge Replacement sites
01/06 - 10/07	Surveyor and Lead Designer, SPN 700-24-0107, Iberville Parish, one Off System Bridge Replacement site
12/05 - 11/09	Surveyor and Lead Designer, SPN 700-35-0135, Natchitoches Parish, seven Off System Bridge Replacement sites
08/05 - 01/09	Surveyor and Lead Designer, SPN 700-01-0113, Acadia Parish, four Off System Bridge Replacement sites
11/04 - 12/08	Surveyor and Lead Designer, SPN 700-53-0121, Tangipahoa Parish, four Off System Bridge Replacement sites
12/02 - 04/06	Surveyor and Lead Designer, SPN 700-49-0120, St Landry, four Off System Bridge Replacement sites
07/02 - 09/05	Surveyor and Lead Designer, SPN 700-30-0315, LaSalle Parish, seven Off System Bridge Replacement sites
06/02 - 07/05	Surveyor and Lead Designer, SPN 700-35-0132, Natchitoches Parish, four Off System Bridge Replacement sites
02/02 - 06/05	Surveyor and Lead Designer, SPN 700-37-0121, Ouachita Parish, six Off System Bridge Replacement sites
12/01 - 05/04	Surveyor and Lead Designer, SPN 700-22-0112, Grant Parish, four Off System Bridge Replacement sites
11/01 - 02/04	Surveyor and Lead Designer, SPN 700-20-0108, St. Landry Parish, four Off System Bridge Replacement sites
10/01 - 12/05	Surveyor and Lead Designer, SPN 700-23-0209, Iberia Parish, one Off System Bridge Replacement site
09/00 - 03/03	Surveyor and Lead Designer, SPN 700-53-0115, Tangipahoa Parish, five Off System Bridge Replacement sites
11/00 - 07/02	Surveyor and Lead Designer, SPN 700-19-0106, East Feliciana Parish, one Off System Bridge Replacement site
12/00 - 08/01	Surveyor and Lead Designer, SPN 700-19-0112, Jefferson Davis Parish, two Off System Bridge Replacement sites
11/00 - 10/02	Surveyor and Lead Designer, SPN 700-49-0113, St. Landry Parish, two Off System Bridge Replacement sites
10/99 - 01/01	Surveyor and Lead Designer, SPN 700-58-0112, Vernon Parish, seven Off System Bridge Replacement sites
01/99 - 08/02	Surveyor and Lead Designer, SPN 700-20-0107, Evangeline Parish, three Off System Bridge Replacement sites
04/99 - 02/01	Surveyor and Lead Designer, SPN 700-53-0107, Tangipahoa Parish, two Off System Bridge Replacement sites
03/97 - 10/99	Surveyor and Lead Designer, SPN 700-35-0113, Natchitoches Parish, five Off System Bridge Replacement sites
03/98 - 11/01	Surveyor and Lead Designer, SPN 700-20-0106, Evangeline Parish, eight Off System Bridge Replacement sites
11/95 - 07/97	Surveyor and Lead Designer, SPN 700-30-41, Rapides Parish, three Off System Bridge Replacement sites
05/92 - 04/96	Surveyor and Lead Designer, SPN 700-30-39, Livingston Parish, three Off System Bridge Replacement sites
07/91 - 06/95	Surveyor and Lead Designer, SPN 700-28-62, East Feliciana Parish, two Off System Bridge Replacement sites
09/90 - 06/94	Surveyor and Lead Designer, SPN 700-29-12, LaSalle Parish, two Off System Bridge Replacement sites
02/82 - present	Surveyor and Lead Designer, successfully completed a total of <b>290</b> Off System Bridge Replacement



Firm employed by

Name <b>Terri H. Simpson</b>	Years of relevant experience with this employer	<b>15+</b>
Title <b>Environmental Coordinator</b>	Years of relevant experience with other employer(s)	<b>N/A</b>
Degree(s) / Years / Specialization	<b>Bachelor of Science – Northwestern State University</b>	
Active registration number / state / expiration date	<b>N/A</b>	
Year registered	<b>N/A</b>	Discipline <b>N/A</b>
Contract role(s) / brief description of responsibilities	<b>Solicitation of Views, Environmental Documents and Clearance, Coordination</b>	

Terri has over 15 years of experience in soliciting views and coordinating Environmental Clearance documents from State and Parish Agencies used for the OSB Bridge program. Terri has established relationships with key people at U.S. Army Corp of Engineers and Wildlife & Fisheries and numerous other agencies. In this process, she is skilled in providing additional information that is requested from Agencies and efficiently completing reports on government websites.

Additionally, her interpersonal skills are effective in obtaining important documents for endangered species, in a timely manner.


Another key role Terri completes is the follow up and organization of the Preliminary Jurisdiction Determination.

Terri's attention to detail and familiarity with the entire Environmental process strongly benefits this part of the contract requirements.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
11/20-present	Environmental Coordinator, SPN H.014322, East Baton Rouge Parish; one Off System Bridge Replacement site
11/20-present	Environmental Coordinator, SPN H.014320, East Baton Rouge Parish; one Off System Bridge Replacement site
11/20-present	Environmental Coordinator, SPN H.014255, Rapides Parish; one Off System Bridge Replacement site
10/18 – 03/21	Environmental Coordinator, SPN H.013163, Tangipahoa Parish, one Off System Bridge Replacement site
10/18 – 04/21	Environmental Coordinator, SPN H.013130, Ouachita Parish, two Off System Bridge Replacement sites
10/18 – 09/21	Environmental Coordinator, SPN H.013143, Avoyelles Parish, one Off System Bridge Replacement site
12/16-03/19	Environmental Coordinator, SPN H.011087, Red River Parish, one Off System Bridge Replacement sites.
08/15-09/17	Environmental Coordinator, SPN H.011527, Tangipahoa Parish, three Off System Bridge Replacement sites.
06/15-09/17	Environmental Coordinator, SPN H.011526, Rapides Parish, three Off System Bridge Replacement sites.
06/15-05/17	Environmental Coordinator, SPN H.011523, Avoyelles Parish, two Off System Bridge Replacement sites.
10/13-02/17	Environmental Coordinator, SPN H.010596, West Feliciana Parish, two Off System Bridge Replacement sites.
09/13-10/17	Environmental Coordinator, SPN H.010150, Acadia Parish, two Off System Bridge Replacements sites.

10/13-01/15	Environmental Coordinator, SPN H.010150, Acadia Parish, two Off System Bridge Replacements sites.
06/13-12/16	Environmental Coordinator, SPN H.010608, Washington Parish, three Off System Bridge Replacement sites.
08/13 – 11/16	Environmental Coordinator, SPN H.010079, Jefferson Davis Parish, three Off System Bridge Replacement sites
09/13-02/15	Environmental Coordinator, SPN H.003822, Evangeline Parish, two Off System Bridge Replacement sites
01/13-05/15	Environmental Coordinator, SPN H.10054, Allen Parish, four Off System Bridge Replacement sites
03/11 - 07/13	Environmental Coordinator, SPN H.003822, Beauregard Parish, two Off System Bridge Replacement sites
12/10 - 09/12	Environmental Coordinator, SPN H.005148, Winn Parish, two Off System Bridge Replacement sites
11/10 - 12/12	Environmental Coordinator, SPN H.005054, Union Parish, one Off System Bridge Replacement site
11/10 - 08/12	Environmental Coordinator, SPN H.006153, LaSalle Parish, two Off System Bridge Replacement sites
12/10 - 10/12	Environmental Coordinator, SPN H.016062, Catahoula Parish, one Off System Bridge Replacement site
10/10 - 07/12	Environmental Coordinator, SPN H.016141, Jefferson Davis Parish, one Off System Bridge Replacement site
01/10 - 04/12	Environmental Coordinator, SPN 700-46-0107, St. Helena Parish, one Off System Bridge Replacement site
06/09 - 09/11	Environmental Coordinator, SPN 700-37-0132, Ouachita Parish, one Off System Bridge Replacement site
11/06 - 10/10	Environmental Coordinator, SPN 700-01-0115, Acadia Parish, five Off System Bridge Replacement sites
08/06 - 04/10	Environmental Coordinator, SPN 700-42-0111, Richland Parish, five Off System Bridge Replacement site
09/08 - 08/09	Environmental Coordinator, SPN 700-33-0110, Madison Parish, one Off System Bridge Replacement site
07/06 - 12/09	Environmental Coordinator, SPN 700-30-0317, LaSalle Parish, four Off System Bridge Replacement sites
01/06 - 10/07	Environmental Coordinator, SPN 700-24-0107, Iberville Parish, one Off System Bridge Replacement site



 <b>MONROE &amp; CORIE, INC.</b> CONSULTING ENGINEERS			
Firm employed by			
Name <b>Shirley P. Vicknair</b>		Years of relevant experience with this employer	<b>40</b>
Title <b>CADD Technician</b>		Years of relevant experience with other employer(s)	<b>6</b>
Degree(s) / Years / Specialization		<b>Bachelor of Science – Louisiana State University</b>	
Active registration number / state / expiration date		<b>N/A</b>	
Year registered	<b>N/A</b>	Discipline	<b>N/A</b>
Contract role(s) / brief description of responsibilities		<b>Senior CADD Technician and detailer. Shirley works with engineers to develop roadway and bridge drawings for preliminary and final Off-System Bridge project submittals.</b>	
<p>Shirley Vicknair has proven her capabilities as the key designer/detailer of extensive construction plans for over 290 Off-System Bridge replacements in numerous parishes across the state. She was hired in 1982 as the lead drafting technician to specifically work on the Off-System Bridge Replacements program with Mr. Bill Monroe, P.E. Shirley initially processed field data and created drawings using the manual pen &amp; ink method. The field rolls, preliminary plans, U.S. Corps of Engineers &amp; U.S. Coast Guard permits, ROW sketches and final plans were entirely her handwritten projects. With her expertise of design, CAD is practically second nature to her. She has developed construction plans in English and metric units depending on the project's specifications. Currently, her responsibilities include the field roll review, Preliminary and Final Construction plans, ROW sketches with legal descriptions, COE and USCG permits, quantity calculations, and design guideline &amp; design exception reports.</p> <p>Shirley maintains a great relationship with OSB staff by providing accurate plans that adhere to the current DOTD OSB Guidelines. She is attentive to details as well as skilled in organizing the facilitation of multiple OSB projects simultaneously. Her valuable career in design is a key component to the successful completion of all Off-System Bridge contract requirements.</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
11/20-present	Senior CADD Technician, SPN H.014322, East Baton Rouge Parish; one Off System Bridge Replacement site		
11/20-present	Senior CADD Technician, SPN H.014320, East Baton Rouge Parish; one Off System Bridge Replacement site		
11/20-present	Senior CADD Technician, SPN H.014255, Rapides Parish; one Off System Bridge Replacement site		
10/18 – 03/21	Senior CADD Technician, SPN H.013163, Tangipahoa Parish, one Off System Bridge Replacement site		
10/18 – 04/21	Senior CADD Technician, SPN H.013130, Ouachita Parish, two Off System Bridge Replacement sites		
10/18 – 09/21	Senior CADD Technician, SPN H.013143, Avoyelles Parish, one Off System Bridge Replacement site		
12/16 - 03/19	Senior CADD Technician, SPN H.011087, Red River Parish, one Off System Bridge Replacement site		
08/15 - 10/17	Senior CADD Technician, SPN H.011527, Tangipahoa Parish, three Off System Bridge Replacement sites		
06/15 – 09/17	Senior CADD Technician, SPN H.011523, Avoyelles Parish, two Off System Bridge Replacement sites		
06/15 – 05/17	Senior CADD Technician, SPN H.011526, Rapides Parish, three Off System Bridge Replacement sites		
10/13 – 02/17	Senior CADD Technician, SPN H.010661, East Baton Rouge Parish, three Off System Bridge Replacement sites		
09/13 - 10/17	Senior CADD Technician, SPN H.010596, West Feliciana Parish, two Off System Bridge Replacement sites		
10/13 - 01/15	Senior CADD Technician, SPN H.010150, Acadia Parish, two Off System Bridge Replacement sites		
06/13 -12/16	Senior CADD Technician, SPN H.010608, Washington Parish, three Off System Bridge Replacement sites		
08/13 - 11/16	Senior CADD Technician, SPN H.010079, Jefferson Davis Parish, three Off System Bridge Replacement sites		
09/13 - 02/15	Senior CADD Technician, SPN H.010036, Evangeline Parish, two Off System Bridge Replacement sites		
01/13 – 05/15	Senior CADD Technician, SPN H.010054, Allen Parish, four Off System Bridge Replacement sites		
11/12 – 09/14	Senior CADD Technician, SPN H.009982, LaSalle Parish, four Off System Bridge Replacement sites		



08/11 - 07/12	Senior CADD Technician, SPN H.009134, Vernon Parish, one Off System Bridge Replacement site
08/11 - 12/12	Senior CADD Technician, SPN H.009133, Natchitoches Parish, one Off System Bridge Replacement site
03/11 - 07/13	Senior CADD Technician, SPN H.003822, Beauregard Parish, two Off System Bridge Replacement sites
12/10 - 09/12	Senior CADD Technician, SPN H.005148, Winn Parish, two Off System Bridge Replacement sites
11/10 - 12/12	Senior CADD Technician, SPN H.005054, Union Parish, one Off System Bridge Replacement site
11/10 - 08/12	Senior CADD Technician, SPN H.006153, LaSalle Parish, two Off System Bridge Replacement sites
12/10 - 10/12	Senior CADD Technician, SPN H.016062, Catahoula Parish, one Off System Bridge Replacement site
10/10 - 07/12	Senior CADD Technician, SPN H.016141, Jefferson Davis Parish, one Off System Bridge Replacement site
01/10 - 04/12	Senior CADD Technician, SPN 700-46-0107, St. Helena Parish, one Off System Bridge Replacement site
06/09 - 09/11	Senior CADD Technician, SPN 700-37-0132, Ouachita Parish, one Off System Bridge Replacement site
09/08 - 08/09	Senior CADD Technician, SPN 700-33-0110, Madison Parish, one Off System Bridge Replacement site
11/06 - 10/10	Senior CADD Technician, SPN 700-01-0115, Acadia Parish, five Off System Bridge Replacement sites
08/06 - 04/10	Senior CADD Technician, SPN 700-42-0111, Richland Parish, five Off System Bridge Replacement site
07/06 - 12/09	Senior CADD Technician, SPN 700-30-0317, LaSalle Parish, four Off System Bridge Replacement sites
01/06 - 10/07	Senior CADD Technician, SPN 700-24-0107, Iberville Parish, one Off System Bridge Replacement site
12/05 - 11/09	Senior CADD Technician, SPN 700-35-0135, Natchitoches Parish, seven Off System Bridge Replacement sites
08/05 - 01/09	Senior CADD Technician, SPN 700-01-0113, Acadia Parish, four Off System Bridge Replacement sites
11/04 - 12/08	Senior CADD Technician, SPN 700-53-0121, Tangipahoa Parish, four Off System Bridge Replacement sites
12/02 - 04/06	Senior CADD Technician, SPN 700-49-0120, St Landry, four Off System Bridge Replacement sites
07/02 - 09/05	Senior CADD Technician, SPN 700-30-0315, LaSalle Parish, seven Off System Bridge Replacement sites
06/02 - 07/05	Senior CADD Technician, SPN 700-35-0132, Natchitoches Parish, four Off System Bridge Replacement sites
02/02 - 06/05	Senior CADD Technician, SPN 700-37-0121, Ouachita Parish, six Off System Bridge Replacement sites
12/01 - 05/04	Senior CADD Technician, SPN 700-22-0112, Grant Parish, four Off System Bridge Replacement sites
11/01 - 02/04	Senior CADD Technician, SPN 700-20-0108, St. Landry Parish, four Off System Bridge Replacement sites
10/01 - 12/05	Senior CADD Technician, SPN 700-23-0209, Iberia Parish, one Off System Bridge Replacement site
09/00 - 03/03	Senior CADD Technician, SPN 700-53-0115, Tangipahoa Parish, five Off System Bridge Replacement sites
11/00 - 07/02	Senior CADD Technician, SPN 700-19-0106, East Feliciana Parish, one Off System Bridge Replacement site
12/00 - 08/01	Senior CADD Technician, SPN 700-19-0112, Jefferson Davis Parish, two Off System Bridge Replacement sites
11/00 - 10/02	Senior CADD Technician, SPN 700-49-0113, St. Landry Parish, two Off System Bridge Replacement sites
10/99 - 01/01	Senior CADD Technician, SPN 700-58-0112, Vernon Parish, seven Off System Bridge Replacement sites
01/99 - 08/02	Senior CADD Technician, SPN 700-20-0107, Evangeline Parish, three Off System Bridge Replacement sites
04/99 - 02/01	Senior CADD Technician, SPN 700-53-0107, Tangipahoa Parish, two Off System Bridge Replacement sites
03/97 - 10/99	Senior CADD Technician, SPN 700-35-0113, Natchitoches Parish, five Off System Bridge Replacement sites
03/98 - 11/01	Senior CADD Technician, SPN 700-20-0106, Evangeline Parish, eight Off System Bridge Replacement sites
11/95 - 07/97	Senior CADD Technician, SPN 700-30-41, Rapides Parish, three Off System Bridge Replacement sites
05/92 - 04/96	Senior CADD Technician, SPN 700-30-39, Livingston Parish, three Off System Bridge Replacement sites
07/91 - 06/95	Senior CADD Technician, SPN 700-28-62, East Feliciana Parish, two Off System Bridge Replacement sites
09/90 - 06/94	Senior CADD Technician, SPN 700-29-12, LaSalle Parish, two Off System Bridge Replacement sites

Firm employed by <b>LandSource, Inc.</b>			
Name	<b>David L. Patterson</b>		Years of relevant experience with this employer
Title	<b>President</b>		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		<b>Louisiana State University, B.S., 4 yr., Construction Technology</b>	
Active registration number / state / expiration date		<b>License No.: 4784 / LA / 3/31/2023</b>	
Year registered	1996	Discipline	<b>Professional Land Surveyor</b>
Contract role(s) / brief description of responsibilities		<b>Principal-in-Charge/Project Manager/Land Surveyor - Mr. Patterson has &amp; will serve as Principal-in-Charge, Project Manager &amp; Professional Land Surveyor on the projects listed below and the advertised project. He will oversee all surveying activities.</b>	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
2021	S.P. No. H.014318 Site 1, Off-System Highway Bridge Program, East Baton Rouge Parish. Responsibilities included topographic survey to replace one bridge. (2021)		
2021	S.P. No. H.014318 Site 2, Off-System Highway Bridge Program, Rapides Parish. Responsibilities included topographic survey to replace two bridges. (2021)		
2020	S.P. No. H.014223, Off-System Highway Bridge Program, Vermillion Parish. Responsibilities included topographic survey to replace one bridge. (2020)		
2020	S.P. No. H.014261, Off-System Highway Bridge Program, Rapides Parish. Responsibilities included topographic survey to replace two bridges. (2020)		
2014	S.P. No. H.010626.5, Off-System Highway Bridge Program, Jefferson Parish. Responsibilities included topographic survey to replace one bridge. (2014)		
2013	S.P. No. H.010597.5, Off-System Highway Bridge Program, West Feliciana Parish. Responsibilities included topographic survey to replace two bridges. (2013)		
2013	S.P. No. H.010061.5 & H.010062.5, Off-System Highway Bridge Program, Tangipahoa Parish. Responsibilities included topographic survey to replace four bridges. (2013)		

Firm employed by <b>Terracon Consultants, Inc.</b>			
Name	<b>Jim Baxter</b>		Years of relevant experience with this employer
			18
Title	Senior Ecologist		Years of relevant experience with other employer(s)
			2
Degree(s) / Years / Specialization		Master of Forest Resources, University of Georgia, 2002 Bachelor of Science, University of the South, Natural Resources, 2000	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	<b>CERTIFICATION:</b> Wetland Delineation, 2005
Contract role(s) / brief description of responsibilities		Mr. Baxter meets the requirements of MPR #5 with 20 years of experience performing wetland delineations.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
<p>Mr. Baxter is a Senior Ecologist. Project duties include jurisdictional waters delineations, Section 404 permitting, threatened and endangered species habitat assessments and surveys, state waters guidance, stream buffer variance applications, guidance for mitigation banking, and Phase I Environmental Site Assessments (ESA). Mr. Baxter is a lead reviewer for natural resource work, including wetland delineations and he oversees various ecological projects throughout the southeast.</p> <p>Mr. Baxter was initially trained in wetland delineation field methods in 2005. He has since attended additional courses and training programs in wetlands and endangered species.</p>			
06/21 – 01/22	<b>H.014319.5 Cedar Crest Ave. Off System Bridge Wetland Delineation, Baton Rouge, LA, DOTD</b> Senior Project Reviewer. Terracon performed a WOTUS delineation for a project that involved a proposed bridge dismantling project and a new replacement structure at the Cedar Crest bridge location in Baton Rouge, LA where it crosses Weiner Creek.		
01/20 – 02/20	<b>H.013081 Roundhill Road Wetland Delineation, W. Carroll Parish, LA, DOTD</b> Senior Project Reviewer. Terracon conducted a wetland delineation and prepared a preliminary WOTUS delineation report addressing Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act compliance requirements for the proposed Roundhill Road over Little Colewa Bayou bridge replacement.		
12/19 – 02/20	<b>H.013111 Webster Bridge, Minden, LA, DOTD</b> Senior Project Reviewer. Terracon conducted a wetland delineation and prepared a WOTUS delineation report addressing Section 404 of the Clean Water Act (Section 404) and Section 10 of the Rivers and Harbors Act (Section 10) compliance requirements for the proposed Dorcheat Road over Caney Creek bridge replacement project in Webster Parish, LA.		
07/19 – 12/19	<b>H.013143, OSB Avoyelles Parish, LA, DOTD</b> Senior Project Reviewer. Terracon conducted a wetland delineation for the Carbon Plant Road bridge over Bayou Boeuf in Avoyelles Parish. The delineation was conducted accordance with the 1987 US Army Corps of Engineers (USACE) Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0, 2010) for a replacement bridge design/construction project with a similar alignment to the previous bridge.		
07/19 – 12/19	<b>H.013130, OSB Ouachita Parish, Red Cut Road Bridge (over Watson Branch) and Charles Rawls Road (over Prairion Bayou), Ouachita Parish, LA, DOTD</b> Senior Project Reviewer. Terracon conducted a wetland delineation for the Red Cut Road Bridge traversing Watson Branch south of West Monroe, LA. The proposed project included design/construction of a replacement bridge structure with a similar alignment to the previous bridge.		



07/19 – 03/20	<b>H.013163 Wadesboro Road over Unnamed Creek, Tangipahoa Parish, LA, DOTD</b> Senior Project Reviewer. Terracon conducted a site visit at the Wadesboro Road Bridge for proposed replacement of the 29.7-foot-long timber bridge, a project located within the Pontchartrain River Basin in the Lake Maurepas Watershed. Terracon subsequently prepared a Waters of the US (WOUS) Delineation report based on site conditions. The delineation was conducted in general accordance with the 1987 US Army Corps of Engineers (USACE) Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0, 2010), and the Louisiana Department of Transportation and Development (DOTD) guidelines.
05/22 – 06/22	<b>SP H.014270, Lefort Bypass Road OSB, Thibodaux, LA, DOTD</b> Senior Ecologist. Terracon prepared a Waters of the US (WOUS) Delineation report based upon findings obtained during field delineation. Terracon recommended consultation with the USACE to determine the appropriate Nationwide Permitting action and for a jurisdictional determination of the identified waters, and for potential permit issuance prior to initiating construction activities for this project.
02/22 – 04/22	<b>After the Fact Permitting – McComb Substation, LaPlace, LA, Illinois Central RR</b> Senior Project Reviewer. Terracon performed a preliminary WOUS delineation on the approximately 37.03-acre site to characterize the existing site conditions, observe the site for the presence of WOTUS, including wetlands, provide an opinion regarding whether WOTUS (if observed) would be considered jurisdictional by the United States Army Corps of Engineers (USACE). Additionally, at the time of the WOTUS delineations, Terracon sought to identify (if observed) any impact from emergency repair operations from Hurricane Ida.
10/18 – 02/19	<b>City Parish Project No. 16-BR-US-0019, Port Hickey Road Bridge over Drainage Bayou, E. Baton Rouge Parish, LA</b> Senior Project Reviewer. Provided environmental wetlands services including Cultural and Historical Sensitivity of the Property (Section 106 Environmental Review).
07/18 – 04/20	<b>SR 306 from SR 400 to SR 369, Baldrige Creek Project, Forsythe County, GA, GDOT</b> Project Manager. For the approximately one-mile road widening project for State Route (SR) 306 located from SR 400 to SR 369, Terracon performed a wetland determination in addition to other ecological surveys. Background research was conducted prior to field surveys to identify potential ecological resources within the study area. Jurisdictional wetland determinations were performed using the three-parameter approach (hydrophytic vegetation, hydric soils, and hydrology) as described in the 1987 U.S. Army Corps of Engineers (USACE) <i>Wetland Delineation Manual</i> and utilized the <i>2012 Eastern Mountains and Piedmont Regional Supplement</i> as guidance.
08/15 – 10/22	<b>SR371 (Post Road) from SR 9 (Atlanta Hwy) to SR 20 Widening Project, Forsythe County, GA, GDOT</b> Senior Project Reviewer. For the proposed widening and roadway reconstruction project, Terracon provided a geotechnical soil survey and several environmental services including Phase I Environmental Site Assessment, NEPA, Ecology, Air Quality, Noise Study, History, and Archaeology.

Firm employed by		<b>Terracon Consultants, Inc.</b>	
Name	<b>Rachel Keane</b>	Years of relevant experience with this employer	4
Title	Senior Staff Scientist	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		Bachelor of Science, Limnology, 1997	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	<b>CERTIFICATION:</b> Wetland Delineation, U.S. Army Corps of Engineers 1987 Manual
Contract role(s) / brief description of responsibilities		Ms. Kean meets the requirements of MPR #5 requiring a minimum of 5 years of experience performing wetland delineations.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
Ms. Keane meets the qualifications of an Environmental Professional as defined by EPA’s AAI. With 24 years of experience, she has performed all aspects of Phase I ESA’s including site reconnaissance and report preparation for sites throughout the Southeast. She has also been a contributing writer of documents required by the National Environmental Policy Act (NEPA) as well as Phase I Environmental Site Assessments (ESAs), and threatened and assisted in natural resources surveys for various projects. Ms. Keane has completed +200 Phase I ESAs and has assisted in multiple Phase II ESAs.			
01/20 – 06/20	<b>Carruth Road Bridge over the Little Comite River, E. Feliciana Parish, LA</b> Senior Staff Scientist. Provided DOTD NEPA Environmental Clearance.		
03/20 – 05/20	<b>SP H.013122 Ouachita Parish Bridge Replacement: Wetland Delineation; Harrison Street and Collier Street Bridge/Drainage Canal, Ouachita Parish, LA</b> Senior Staff Scientist. DOTD NEPA Environmental Clearance.		
03/20 – 05/20	<b>SP H.013122 Ouachita Parish Bridge Replacement: Wetland Delineation; Pine Street Bridge Ouachita Parish, LA</b> Senior Staff Scientist. DOTD NEPA Environmental Clearance.		
02/18 - Ongoing	<b>New Orleans Redevelopment Authority - Acquisition, Construction, and Disposition Projects, New Orleans, LA</b> Project Manager/Main Point of Contact. Provided NEPA and Environmental Review Record (ERR) documentation for several HUD programs.		
1/20 – 6/20	<b>John Thomas Bridge</b> Senior Staff Scientist. DOTD NEPA Environmental Clearance.		
02/18 - Ongoing	<b>Louisiana Housing Corporation – Renovation and New Construction, Various Grant Programs for 2016 Flooding Recovery, Statewide, LA</b> Program Manager/Principal Technical Writer/Team Leader. Prepared Environmental Assessments and Tier II ERRS in support of various grant programs administered by the Louisiana Housing Corporation (LHC) for renovation and recovery funding for the March and August 2016 flood events in Louisiana. These programs included Neighborhood Landlord, Multifamily, Baton Rouge Rebuilds, and Baton Rouge Rebuilds Developers grant funding. Ms. Keane also trained junior staff and guided the preparation of 100+ Environmental Assessments and Tier II ERRs.		
02/20 – 08/20	<b>Habitat for Humanity – Four (4) Residences, Lafayette, Louisiana</b> Project Manager/Principal Technical Writer. Prepared the Phase I ESA and Environmental Assessment (EA) in compliance with HUD and NEPA for the construction of four single-family residences on contiguous parcels in Lafayette, Louisiana. The Phase I ESA was conducted in compliance with the appropriate ASTM Standard. Resources assessed for the EA included, but was not limited to, historic resources, endangered species, floodplain impacts, and other natural and community resources. No issues of concern were identified for either the Phase I ESA or the EA.		
7/19 – 11/19	<b>Jim Cryer Lane Bridge</b> - Senior Staff Scientist. Environmental Clearance		
10/18 – 05/19	<b>Habitat for Humanity St. Tammany West – Four Scattered Residential Lots, Mandeville and Covington, LA</b> Project Manager/Main Technical Writer. HUD NEPA Environmental Clearance.		
01/07 - Present	<b>Department of Housing and Urban Development</b> – Multiple Project – HUD NEPA Environmental Clearance		




SECTION

17



### 17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. 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. (Highlight staff to be used in this proposal.)

Firm name	 <b>MONROE &amp; CORIE, INC.</b> CONSULTING ENGINEERS	Past Performance Evaluation Discipline(s)*	BRIDGE	
Project name	TERREBONNE PARISH OFF SYSTEM BRIDGE REPLACEMENT		Firm responsibility (prime or sub?)	PRIME
Project number	H.011159	Owner's name	LA DOTD	
Project location	TERREBONNE PARISH		Owner's Project Manager	GARY PENTEK
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802 225-379-1047, Gary.Pentek@LA.GOV			
Services commenced by this firm (mm/yy)	11/14	Total consultant contract cost (\$1,000's)		\$107
Services completed by this firm (mm/yy)	08/18	Cost of consultant services provided by this firm (\$1,000's)		\$91


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

This OSBR project consisting of two bridges in TERREBONNE Parish was surveyed, designed and administered by the four key individuals currently employed by **MONROE & CORIE, INC.** as follows. Mr. Corie was responsible for the developing the Drainage Map and calculating the design flows for the new bridge. Ms. Simpson was responsible for the Solicitation of Views and Categorical Exclusion (SOV) and coordination of Wetland Study and Preliminary Jurisdictional Determination (PJD). Ms. Vicknair was responsible for all of the CADD operations as well as the design detailing and Final Plan Production. Mr. Monroe was responsible for the field surveys, Hydraulic Reports, Preliminary and Final plan design. Pictured below is the old timber bridge and a finished photograph of the completed six span, ( 5 - 20' long concrete & 1-15' long slab), for a completed 28' wide slab span bridge on Carroll Street.

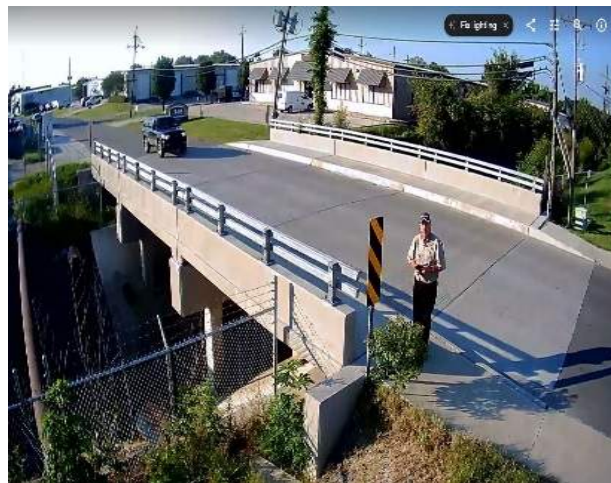


**Key Personnel:** Craig Corie, Shirley Vicknair, Terri Simpson and W. C. Monroe




Firm name	 <b>MONROE &amp; CORIE, INC.</b> <small>CONSULTING ENGINEERS</small>		Past Performance Evaluation Category(ies)*		<b>SURVEY</b>
Project name	<b>EAST BATON ROUGE PARISH OFF SYSTEM BRIDGE REPLACEMENT</b>			Firm responsibility (prime or sub?)	<b>PRIME</b>
Project number	<b>H.010661</b>	Owner's name	<b>LA DOTD</b>		
Project location	<b>EBR PARISH</b>		Owner's Project Manager	<b>Gary Pentek</b>	
Owner's address, phone, email	<b>1201 Capital Access Road, Baton Rouge, LA 70802, 225 379-1047, Gary.Pentek@LA.GOV</b>				
Services commenced by this firm (mm/yy)	<b>10/13</b>	Total consultant contract cost (\$1,000's)			<b>\$231</b>
Services completed by this firm (mm/yy)	<b>02/17</b>	Cost of consultant services provided by this firm (\$1,000's)			<b>\$201</b>

This OSBR project consisting of three bridges in East Baton Rouge Parish was surveyed, designed and administered by the four key individuals currently employed by **MONROE & CORIE, INC.** as follows. Mr. Corie was responsible for the developing the Drainage Map and calculating the design flows for the new bridge. He also was responsible for the QA/QC reviews. Ms. Simpson was responsible for the Solicitation of Views and Categorical Exclusion (SOV) and coordination of Wetland Study and Preliminary Jurisdictional Determination (PJD). Ms. Vicknair was responsible for all of the CADD operations as well as the design detailing and Final Plan Production. Mr. Monroe was responsible for the field surveys, Hydraulic Reports, Preliminary and Final plan design. Pictured below is the old timber pile bridge and an drone photograph of the completed three span, 28' wide concrete, LRFD slab span bridge on Cloverland Avenue. It should also be noted that the firm received a perfect 5.0 rating for this project.



CONSULTANT TECHNICAL EVALUATION TYPE OF WORK: Bridge Design	
<input checked="" type="checkbox"/> Prime Consultant <input type="checkbox"/> Sub Consultant	
Consultant Name :	Monroe & Corie, Inc.
P.O. / Contract :	200000
Project Number :	H.010661.5
Project Description :	Three bridge bridge replacement projects in East Baton Rouge Parish
Type of Work :	Bridge Design
Subject Rated :	Tridings
Rated By :	PENTEK, GARY CHARLES
Approved By :	D'Andrea, Antur
Comments :	A wonderful firm with a great staff.
Rating Score : <b>5.0</b> Rating Score Summary : Bridge Design : 5.0	

**Key Personnel:** Craig Corie, Shirley Vicknair, Terri Simpson and W. C. Monroe


Firm name			Past Performance Evaluation Category(ies)*	BRIDGE
Project name	RICHLAND PARISH OFF SYSTEM BRIDGE REPLACEMENT		Firm responsibility (prime or sub?)	PRIME
Project number	700-42-0111	Owner's name	LA DOTD	
Project location	RICHLAND PARISH		Owner's Project Manager	Gary Pentek
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802, 225 379-1047, Gary.Pentek@LA.GOV			
Services commenced by this firm (mm/yy)	08/06	Total consultant contract cost (\$1,000's)		\$167
Services completed by this firm (mm/yy)	04/10	Cost of consultant services provided by this firm (\$1,000's)		\$147

This OSBR project consisting of five bridges in Richland Parish was surveyed, designed and administered by the four key individuals currently employed by **MONROE & CORIE, INC.** as follows. Mr. Corie was responsible for the developing the Drainage Map and calculating the design flows for the new bridge. Ms. Simpson was responsible for the Solicitation of Views and Categorical Exclusion (SOV) and coordination of Wetland Study and Preliminary Jurisdictional Determination (PJD). Ms. Vicknair was responsible for all of the CADD operations as well as the design detailing and Final Plan Production. Mr. Monroe was responsible for the field surveys, Hydraulic Reports, Preliminary and Final plan design. Pictured below is the old timber bridge and an aerial photograph of the completed six span, 24' wide concrete, slab span bridge on Smalling Road.



**Key Personnel:** Craig Corie, Shirley Vicknair, Terri Simpson and W. C. Monroe




Firm name			Past Performance Evaluation Category(ies)*	BRIDGE
Project name	LASALLE PARISH OFF SYSTEM BRIDGE REPLACEMENT		Firm responsibility (prime or sub?)	PRIME
Project number	H.009982	Owner's name	LA DOTD	
Project location	LASALLE PARISH		Owner's Project Manager	Gary Pentek
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802, 225 379-1047, Gary.Pentek@LA.GOV			
Services commenced by this firm (mm/yy)	11/12	Total consultant contract cost (\$1,000's)		\$216
Services completed by this firm (mm/yy)	09/14	Cost of consultant services provided by this firm (\$1,000's)		\$200

This OSBR project consisting of four bridges in LaSalle Parish was surveyed, designed and administered by the four key individuals currently employed by **MONROE & CORIE, INC.** as follows. Mr. Corie was responsible for developing the Drainage Map and calculating the design flows for the new bridge. Ms. Simpson was responsible for the Solicitation of Views and Categorical Exclusion (SOV), coordination of Wetland Study and Preliminary Jurisdictional Determination (PJD). Ms. Vicknair was responsible for all of the CADD operations as well as the design detailing and Final Plan Production. Mr. Monroe was responsible for the field surveys, Hydraulic Reports, Preliminary and Final plan design. Pictured below is the one of the old timber bridges and an aerial photograph of the two completed four span, 24' wide concrete, slab span bridges (one tangent and one curved) on White Sulphur Springs Road.



**Key Personnel:** Craig Corie, Shirley Vicknair, Terri Simpson and W. C. Monroe

Firm name	 <b>MONROE &amp; CORIE, INC.</b> <small>CONSULTING ENGINEERS</small>		Past Performance Evaluation Category(ies)*		<b>BRIDGE</b>
Project name	<b>ALLEN PARISH OFF SYSTEM BRIDGE REPLACEMENT</b>			Firm responsibility (prime or sub?)	<b>PRIME</b>
Project number	<b>H.010054 and H.010055</b>	Owner's name	<b>LA DOTD</b>		
Project location	<b>ALLEN PARISH</b>		Owner's Project Manager	<b>Gary Pentek</b>	
Owner's address, phone, email	<b>1201 Capital Access Road, Baton Rouge, LA 70802, 225 379-1047, Gary.Pentek@LA.GOV</b>				
Services commenced by this firm (mm/yy)	<b>01/13</b>	Total consultant contract cost (\$1,000's)			<b>\$218</b>
Services completed by this firm (mm/yy)	<b>05/15</b>	Cost of consultant services provided by this firm (\$1,000's)			<b>\$212</b>

This OSBR project consisting of four bridges in Allen Parish was surveyed, designed and administered by the four key individuals currently employed by **MONROE & CORIE, INC.** as follows. Mr. Corie was responsible for developing the Drainage Map and calculating the design flows for the new bridge. Ms. Simpson was responsible for the Solicitation of Views and Categorical Exclusion (SOV), coordination of Wetland Study and Preliminary Jurisdictional Determination (PJD). Ms. Vicknair was responsible for all of the CADD operations as well as the design detailing and Final Plan Production. Mr. Monroe was responsible for the field surveys, Hydraulic Reports, Preliminary and Final plan design. Pictured below is the old timber bridge and an aerial photograph of the completed five span, 24' wide concrete, 40' QUAD BEAM bridge on N. Carpenter Bridge Road. It should be noted that the firm received a perfect 5.0 rating for the work on this project.



CONSULTANT TECHNICAL EVALUATION TYPE OF WORK: Bridge Design	
<input checked="" type="checkbox"/> Prime Consultant	<input type="checkbox"/> Sub Consultant
Consultant Name :	Monroe & Corie, Inc.
P.O. / Contract :	20000
Project Number :	H.010054.5
Project Description :	Two bridge replacement projects in Allen Parish.
Type of Work :	Bridge Design
Subject Rated :	Final Plans (Tracings)
Rated By :	PENTEK, GARY CHARLES
Approved By :	D'Andrea, Artur
Comments :	Great firm to work on your projects.
Rating Score :	<b>5.0</b>
Rating Score Summary :	
Bridge Design : 5.0	

**Key Personnel:** Craig Corie, Shirley Vicknair, Terri Simpson and W. C. Monroe



Firm name	LandSource, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	Camille Road Over Bayou Grand Marais	Firm responsibility (prime or sub?)	Sub
Project number	H.014223	Owner's name	LA Dept. of Transportation & Development
Project location	Vermillion Parish	Owner's Project Manager	Boyd Holmes Engineering, Inc.
Owner's address, phone, email	P.O. Box 5286, Baton Rouge, LA 70821 (225)383-2997, bhengr@bellsouth.net		
Services commenced by this firm (mm/yy)	10/2020	Total consultant contract cost (\$1,000's)	3.00
Services completed by this firm (mm/yy)	02/2021	Cost of consultant services provided by this firm (\$1,000's)	3.00

The firm's involvement was to provide complete topographic surveying for the replacement of one (1) bridge in Vermillion Parish as a sub-consultant to Boyd Holmes Engineering, Inc. for this Off System Bridge Replacement Project.

**Key Personnel:** David Patterson

Firm name	LandSource, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	Doshie Road Bridge Over Cherry Winche Creek Trib.	Firm responsibility (prime or sub?)	Sub
Project number	H.014261	Owner's name	LA Dept. of Transportation & Development
Project location	Rapides Parish	Owner's Project Manager	Boyd Holmes Engineering, Inc.
Owner's address, phone, email	P.O. Box 5286, Baton Rouge, LA 70821 (225)383-2997, bhengr@bellsouth.net		
Services commenced by this firm (mm/yy)	10/2020	Total consultant contract cost (\$1,000's)	3.00
Services completed by this firm (mm/yy)	2/2021	Cost of consultant services provided by this firm (\$1,000's)	3.00

The firm's involvement was to provide complete topographic surveying for the replacement of one (1) bridge in Rapides Parish as a sub-consultant to Boyd Holmes Engineering, Inc. for this Off System Bridge Replacement Project.

**Key Personnel:** David Patterson

Firm name	LandSource, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	Gurney Road/Drainage Canal(Site 1) & Drainage Bayou (Site 2)	Firm responsibility (prime or sub?)	Sub
Project number	H.014318	Owner's name	LA Dept. of Transportation & Development
Project location	East Baton Rouge Parish	Owner's Project Manager	Boyd Holmes Engineering, Inc.
Owner's address, phone, email	P.O. Box 5286, Baton Rouge, LA 70821 (225)383-2997, bhengr@bellsouth.net		
Services commenced by this firm (mm/yy)	9/2019	Total consultant contract cost (\$1,000's)	6.00
Services completed by this firm (mm/yy)	1/2021	Cost of consultant services provided by this firm (\$1,000's)	6.00

The firm's involvement was to provide complete topographic surveying for the replacement of two (2) bridges in East Baton Rouge Parish as a sub-consultant to Boyd Holmes Engineering, Inc. for this Off System Bridge Replacement Project.

**Key Personnel:** David Patterson

Firm name	Terracon Consultants, Inc.		Past Performance Evaluation Discipline(s)*	Environmental	
Project name	SR 371 (Post Road) Widening Project			Firm responsibility (prime or sub?)	Sub
Project number	49157659A	Owner's name	Georgia Department of Transportation		
Project location	Cumming, Forsyth County, GA		Owner's Project Manager	Hannah Landis	
Owner's address, phone, email	600 W. Peachtree Street, Atlanta, GA 30308 404-631-1100 hlandis@dot.ga.gov				
Services commenced by this firm (mm/yy)	10/15	Total consultant contract cost (\$1,000's)			\$NA
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$165

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

Post Road Has grown in popularity as a bypass to the city of Cumming as the population in the area grew. This growth increased the need for schools in the area which ultimately led to the need for a wider roadway with assessable sidewalks.

The project consists of the proposed right-of-way (ROW) widening and roadway reconstruction area generally extending south along State Rouge (SR) 371 (Post Road) from its intersection with SR 20 (Canton Highway) approximately six miles to its intersection with SR 9 (Atlanta Highway) in Cumming, Forsyth County, Georgia.

Terracon was subcontracted by TY Lin International to assist with the environmental needs of this project. Over several years, Terracon has provided Phase I Environmental Assessment, NEPA, Air Quality, Noise Study, History, Wetland Delineation Permitting, Threatened & Endangered Species, and Archeology.

**Key Personnel:** *Jim Baxter*



Firm name	<b>Terracon Consultants, Inc.</b>		Past Performance Evaluation Discipline(s)*	Environmental
Project name	<b>Carbon Plant Road over Bayou Boeuf</b>			Firm responsibility (prime or sub?) Sub
Project number	SP H.013143	Owner's name	Avoyelles Parish Police Jury	
Project location	Avoyelles Parish, LA		Owner's Project Manager	Jacob Coco
Owner's address, phone, email	312 N. Main Street, Marksville, LA 71351, 318-305-9034, appj.dist9@outlook.com			
Services commenced by this firm (mm/yy)	07/19	Total consultant contract cost (\$1,000's)		\$N/A
Services completed by this firm (mm/yy)	12/19	Cost of consultant services provided by this firm (\$1,000's)		\$3.3

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

In 2019 Terracon was part of the team with Monroe & Corie, Inc. for the Carbon Plant Road over Bayou Boeuf Bridge Replacement Project in Avoyelles Parish. The bridge project was part of the Federal Aid Off-System HWY Bridge Program (H.013143) with the LADOTD. Terracon provided a wetland assessment and report for the bridge location.

Bayou Boeuf is considered a USACE Jurisdictional Water of the US and qualified for a NWP within the USACE's expedited program for transportation projects. No wetland habitat was identified in the vicinity of the project area. A report was provided which outlined the site reconnaissance and findings, referenced published maps (including National Wetland Inventory Maps, Topographic Maps, and historical aerial photographs).

Based on the lack of wetland habitat, and minimal impacts to the Bayou from the proposed construction, it was recommended that a Nationwide Permit 14 – Linear Transportation Projects be obtained for the construction portion of the project.



**Key Personnel:** *Jim Baxter*



Firm name	Terracon Consultants, Inc.		Past Performance Evaluation Discipline(s)*		Environmental	
Project name	OSB Ouachita Parish – Charles Rawls Road (over Prairion Bayou)			Firm responsibility (prime or sub?)		Sub
Project number	SP H.013130	Owner’s name	Louisiana Department of Transportation and Development			
Project location	Ouachita Parish		Owner’s Project Manager		Noel Ardoin	
Owner’s address, phone, email		1201 Capital Access Road, Baton Rouge, LA, 70802, 225-242-4201 Noel.Ardoin@la.gov				
Services commenced by this firm (mm/yy)		07/19	Total consultant contract cost (\$1,000’s)			\$NA
Services completed by this firm (mm/yy)		11/19	Cost of consultant services provided by this firm (\$1,000’s)			\$3.2

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

Terracon was subcontracted by Monroe & Corie to perform wetlands delineations for the off-system bridge contract for LADOTD. Terracon performed a WOUS delineation at the Charles Rawls Road over Prairion Bayou project which included a 1.6-acre site. The delineation included a site reconnaissance, desktop pre-screening to identify potential wetland and water features, and federal regulatory review, followed by a field delineation.

**Key Personnel:** *Jim Baxter*







SECTION

18



MONROE & CORIE, INC.  
CONSULTING ENGINEERS



## 18. Approach and Methodology:

### Understanding the Project Scope

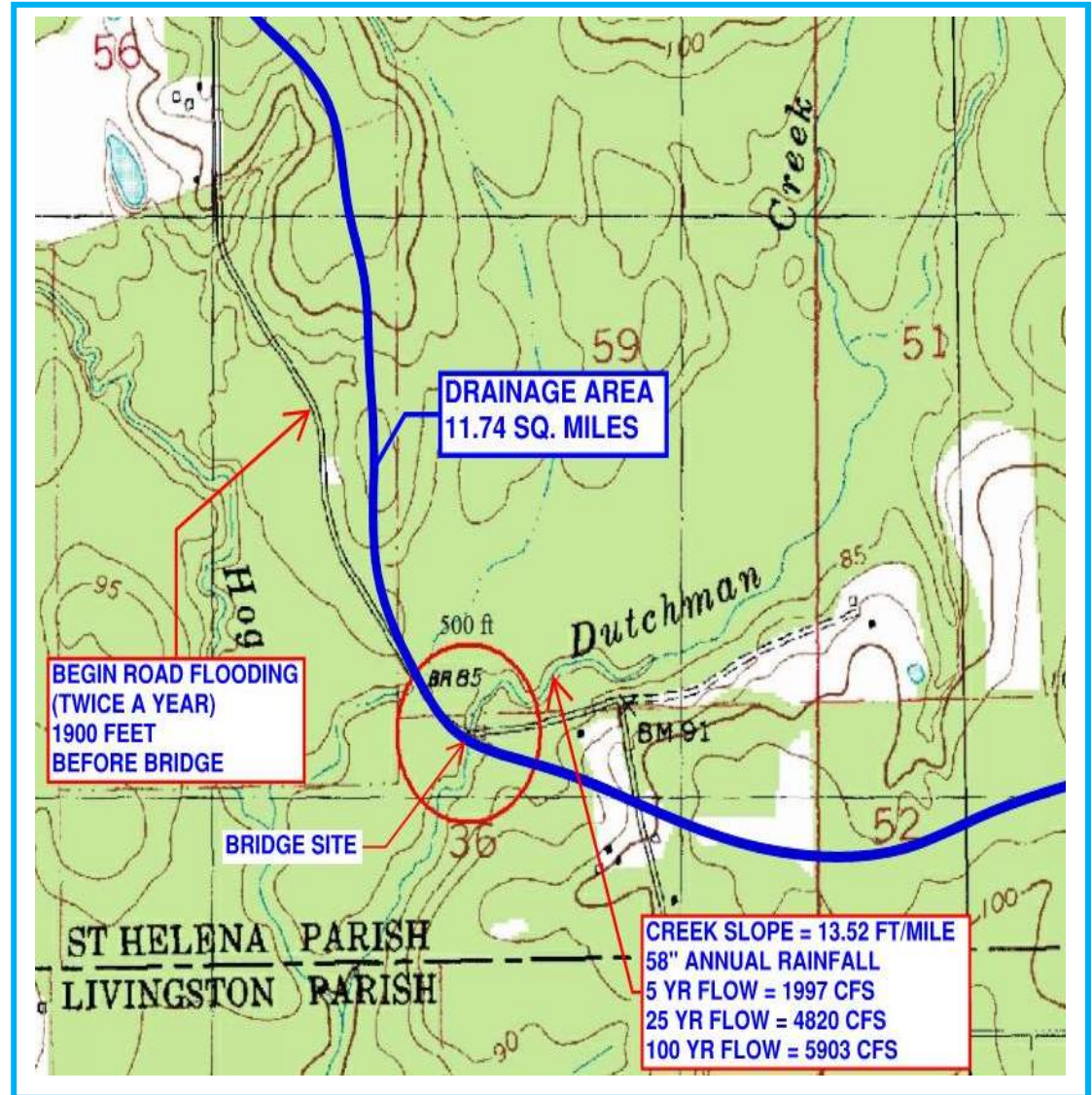
This project consists of replacing a three span timber bridge that is 49.9' long and 17.1' wide on Mclin Road over Dutchman Creek in a very rural area of St. Helena Parish. It should be noted that the National Bridge Inventory Data incorrectly lists the creek name as "Darling Creek" but the [USGS National Water Information System: Mapper](#) site correctly show it as Dutchman Creek. It will be necessary to review with the Program Manager the creek name to be used on the Construction Plans, Hydraulic Report and other contract documents.

The Drainage map based on USGS Quads shows that Curtis Creek, Shillings Creek, Davis Branch and Goodman Branch all continue to the flow into Dutchman Creek which has an extremely large watershed (11.74 square miles) for an existing timber bridge with a 7' mud line depth. Using the profile feature of the Google Earth program it is quickly apparent why so much of the existing road is inundated during heavy rainfall activity.

Based on a November 10, 2022 site visit and discussions with long time landowners, the road over-tops about twice a year and on several occasions the water level has been two to three feet above the existing bridge deck.

This is a unique site since it is a dead-end road it will be necessary to design for full time access. There is the possibility of constructing a temporary "Run-around" culvert on the downstream side of the bridge, since the Parish has previously installed a temporary culvert the last time that repairs on the existing timber bridge were necessary.

Another issue to be resolved at this site, involves the existing power line that is located directly over the length of the bridge.



### **Work Plan**

**MCI** will lead the team performing all bridge design, will provide overall QC/QA, and will be responsible for all coordination of the work effort by the team members. **MCI** has worked with both team members previously on similar projects and has completed the work on schedule or earlier. With the **MCI Team's** current workload, we have the personnel available to begin this project immediately.

After signing a contract with the state and receiving our notice to proceed (NTP) we will execute sub consultant contracts and issue them a NTP. Since the survey of the existing bridge site is the most time critical item, we will immediately request the "One Call" for marking the location of existing utilities. We will also meet with a representative for the Parish to confirm the bridge site as required on the Consultant's contract.

### **Topographic Survey and Data Collection:** *(Evaluation Discipline: Survey)*

The topographic survey will be accomplished in accordance with the current OSBR survey guidelines. The survey will consist of complete coverage 500' before and after the existing bridge, and include 25' past the apparent road right-of-way (R/W). This site is located on a rural roads without a known or established R/W. This is one of the items that is discussed with the Parish representative or landowner if known. W. C. Monroe, PLS will be in charge of the overall survey effort with the use of team members at LandSource, Inc. (**LSI**). This well-equipped Field crew will be using the necessary robotic surveying equipment.

Although the firm of **LSI** (David L. Patterson, PLS) has not been under contract directly by LADOTD, they have been part of the selected firms of Boyd Holmes Engineering, Inc. and Rahman & Associates, Inc. on other OSBR projects in the past. LSI has also provided additional field crew assistance to **MCI** since 1996.

The Global Positioning System (GPS) developed and operated by the Department of Defense is a proven technology and is the method of choice for establishing control referenced to NAD83. During the past decade, GPS surveying has become routine in the surveying community. GPS yields more accurate results than establishing control by traditional surveying techniques. **LSI** uses multi frequency GPS receivers utilized to perform both static and real-time kinematic (RTK) surveys. **LSI** receivers and smart rovers provide all the flexibility, power and performance needed for every type of GPS application including GLONASS capability.

The topographic survey will include the establishment of a road centerline alignment and complete terrain coverage including creek cross sections taken at a minimum of 15' and 150' upstream and downstream of the bridge. Four iron pipes set in concrete will be established to be used as temporary benchmarks (TBMs). Two of the TBMs will be located approximately 50' from each end of the bridge in accordance the of the Off-System Bridge Program Guidelines. Since this site located on a dead-end road, it will be necessary during the survey to carefully consist what additional area should be included in the terrain model for the possible construction of a temporary run-around access.

The topographic data will be reduced in the office and a complete digital terrain model (DTM) will be created. This allows for the preparation of a plan/profile sheet, and road/stream cross sections. This DTM model will allow for the development of cross section to be used in the hydraulic analysis. The Survey Submittal Package will include the aforementioned drawings for LADOTD review along with two listings of the field nodes - one sorted by point number and the other by station-offset. Two sets of photographs taken at the bridge site also be submitted.

**Preliminary Bridge and Hydraulic Design:** (Evaluation Discipline: Bridge)

The U.S. Army Corps of Engineers - Hydrologic Engineering Centers River Analysis System (HEC-RAS) Computer Program (Version 5.0.7), will be used to determine the water surface elevations for the 2, 5, 10, 25, 50 and 100 year discharges. This component of the modeling system is intended for calculating water surface profiles for steady gradually varied flow. The USGS National Map website was utilized to download the newly available Watershed Boundary Dataset (WBD) to overlay on the USGS QUAD to easily determine the area of the watershed of the subject bridge and allow for preparing the Drainage Map to be used in the required Hydraulic Report. This drainage area for this site was determined to be 11.74 square miles (7514 acres) with a hydraulic slope of 13.51 feet/mile. Since the drainage area is greater than 2000 acres, the USGS Method utilizing an isohyetal line map for its mean annual rainfall data (58") was used to determine the flows at this site. The LADOTD HYDR1130 Peak Runoff computer program was used to determine the flows as follows:

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT		HYDR1130-071498
HYDRAULICS SECTION		
DESIGNER: WILLIAM C MONROE	DATE: 11-09-2022	
REMARKS:	MCLIN ROAD OVER DARLING CREEK ST. HELENA PARISH	
STATE PROJECT NUMBER H.015025		
USGS PEAK DISCHARGE		
*****		
STATION	100+00.0	
DRAINAGE AREA (SQ. MI.)	11.74	
URBAN ADJUSTMENT RATIO	1.00	
SLOPE (FT./MI.)	13.51	
MEAN ANNUAL PRECIPITATION (IN.)	58.00	
*****		
Q2 (CFS)	1059.	
Q5 (CFS)	1997.	
Q10 (CFS)	2871.	
Q25 (CFS)	4039.	
Q50 (CFS)	4820.	
Q100 (CFS)	5903.	
*****		

Using approved third party software, we will export the geometric cross sectional data and use in the HEC-RAS program. The flood plain roughness coefficients will be estimated from the USGS quadrangle maps, the LADOTD Hydraulics Manual, and the FHWA publication entitled Guide for Selecting Manning's Roughness Coefficients for Natural Channels and Flood Plains. The water surface slope will be calculated using the upstream and downstream cross sections taken during the field survey as adjusted for the local slope calculated from the USGS QUAD map. The HEC-RAS computer software using the flows determined in accordance with the current LADOTD Hydraulics Manual will be used to calculate the backwater of the existing bridge. Additionally it will be used to analyze and recommend the most efficient replacement structure. If the selected structure is a bridge, the computation of scour at the bridge will be determined using HEC-RAS based upon the methods outlined in Hydraulic Engineering Circular No. 18 (FHWA, 2001). This circular presents the data input required for computing contraction scour and local scour at piers and abutments. In general, the design event for a scour analysis is usually the 100 year event, or overtopping flow.

In addition to the Hydraulic Report, the title sheet and layout map, and plan and profile sheet will be submitted at the 50% completion point. The plan and profile sheet will incorporate all of the field roll review comments.

After the Hydraulic Report has been approved by the DOTD Hydraulics Section, the bridge structure will be used in the development of a set of Preliminary Plans. The proposed roadway design elements will be in accordance with the 2017 DOTD Minimum design Guidelines and the current Off-System Bridge Program Guidelines. A preliminary Design Report will be submitted with these plans. The plans are circulated by DOTD to the District and Parish personnel and a date set to attend a Plan-in-Hand (PIH) Field Inspection of the proposed design. After any changes are added to the Post PIH plans, the proposed foot-print will be given to the Wetland Consultant to begin their work.



**Wetland Delineations:** (Evaluation Discipline: Environmental)

**Terracon Inc.** who has worked on numerous OSBR projects with **MCI**, will perform wetland delineation services as needed. The delineation will be performed to the standards of the United States Army Corps of Engineers (USACE) 1987 Wetland Delineation Manual and the USACE Atlantic and Gulf Coastal Plain Regional Supplement. Aquatic features that could potentially be considered federal waters of the United States (WOTUS) will be located with flagging tape in the field. Isolated aquatic features that may not qualify as WOTUS will also be delineated. These features will be located with a sub-meter global positioning system (GPS) unit for mapping that is accepted by the USACE. A wetland delineation report with applicable maps will be provided. Shapefiles and/or CAD files of the GPS data will be provided upon request. **Terracon** will assist with a jurisdictional determination request (JDR) to the USACE and federal CWA Section 404 permitting as impacts to federal WOTUS are proposed.

Solicitation of Views will begin after the approval of the replacement structure has been received. A vicinity map along with the Required Project Data form will be send to approximately seventy-five agencies requesting their input to the proposed bridge replacement. After all of the comments are reviewed, the Categorical Exclusion Clearance Documentation will be prepared and sent to the DOTD Environmental Group for approval. It is also necessary to send a DGN copy of the Wetland “footprint” for their use.

**Final Bridge Design:** (Evaluation Discipline: Bridge)

The final Design Report will be submitted with the Post PIH comments and Final Plan production will begin after the receipt of a Notice to Proceed (NTP) from the Project Manager (PM). Quantities shall be calculated, checked and noted on Summary of Estimated Quantities sheets. Erosion Control Sheets, bridge details and Standard plans will be included in the Final Tracing submittal. After approval, the plans will be printed and submitted to LADOTD with closeout documents.

**Thank you for your consideration:**

When everyone works together, the end product is a well-designed new bridge:



The design team at Monroe & Corie, Inc, is very proud of our past project performance, and continues to enjoy an excellent relationship with the LA DOTD staff. We are sincerely interested in providing all the Contract Services necessary of the successful completion of this Off System Bridge project on Mclin Road in St. Helena Parish.





# SECTIONS 19-23



**MONROE & CORIE, INC.**  
CONSULTING ENGINEERS



**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)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Monroe & Corie, Inc.	Bridge	H.014255	Beeson Road over Flagon Bayou Tributary – Rapides Parish	N/A
Monroe & Corie, Inc.	Bridge	H.014320	Van Buren over Corporation Canal – East Baton Rouge Parish	N/A
Monroe & Corie, Inc.	Bridge	H.014322	Centurion over Drainage Bayou – East Baton Rouge Parish	\$ 1,646
Monroe & Corie, Inc.	Bridge	H.013955	LA 961 Sandy Creek Bridge	\$225
Monroe & Corie, Inc.	Bridge	H.013957	Sligo Road over Walter Creek	\$ 1,127
Monroe & Corie, Inc.	Bridge	H.013963	LA 384 over Canal	\$484
Monroe & Corie, Inc.	Bridge	H.013966	LA 321 Creek Bridges	\$ 2,317
Monroe & Corie, Inc.	Bridge	H.013968	LA 404 over Bayou Black	\$ 1,108
Monroe & Corie, Inc.	Bridge	H.013976	LA 376 Bayou Bridges	\$ 1,714
Monroe & Corie, Inc.	Bridge	H.013989	Graybow Road over Palmetto Creek	\$ 2,253
Monroe & Corie, Inc.	Other (Hydraulics)	H.014218	LA 0002A: Thorny Branch & Indian Creek Bridges	\$ 1,420
Monroe & Corie, Inc.	Other (Hydraulics)	H.014219	LA 507: Creek Bridges Near Simsboro	\$ 2,857
Monroe & Corie, Inc.	Other (Hydraulics)	H.014222	LA 516: Poland Branch Bridge	0
Monroe & Corie, Inc.	Other (Hydraulics)	H.014255	LA 528: Clarke Bayou Bridge	0
Monroe & Corie, Inc.	Other (Hydraulics)	H.014238	LA 818: Barnet Springs & Creek Bridges	\$ 1,592
Monroe & Corie, Inc.	Other (Hydraulics)	H.014239	LA 589: Lyon Bayou Bridge	\$ 824
Monroe & Corie, Inc.	Other (Hydraulics)	H.014264	LA 556: Bridges near Choudrant	\$ 7,246
Monroe & Corie, Inc.	Other (Hydraulics)	H.012061	LA 1: BYU Moreay & Lateral W/5 #7A Bridges	0
Monroe & Corie, Inc.	Other (Hydraulics)	H.012891	LA 300: Laloutre Bridge	0
Monroe & Corie, Inc.	Other (Hydraulics)	H.014213	LA 700 : Indian Bayou and Grand Marais Bridge	0

Monroe & Corie, Inc.	Other (Hydraulics)	H.014215	LA 20: 40 Arpent and Drain Canal Bridges	0
Monroe & Corie, Inc.	Other (Hydraulics)	H.014216	LA 682 : Norris Canals and Creek Bridges	\$ 2,097
Monroe & Corie, Inc.	Other (Hydraulics)	H.014241	LA 10: Mill Creek Bridge	0
Monroe & Corie, Inc.	Other (Hydraulics)	H.014251	LA 422: Richland Creek and Stream Bridges	0
Monroe & Corie, Inc.	Other (Hydraulics)	H.014253	LA 421: Thom Creek Bridge	0
Monroe & Corie, Inc.	Other (Hydraulics)	H.014257	LA 68: Karrs Creek Bridge	0
Monroe & Corie, Inc.	Other (Hydraulics)	H.014276	LA 975: Creek Bridges	0
Monroe & Corie, Inc.	Other (Hydraulics)	H.014278	LA 85: Patout & Drain Canal Bridges	0
Monroe & Corie, Inc.	Other (Hydraulics)	H.014279	LA 35: Drain Canal Bridge near Lawtell	0
LandSource	Surveying	-	-	N/A
Terracon	Geotechnical	H.003931.5-2	I-10: Calcasieu River Bridge Additional Borings	\$339,579
Terracon	Geotechnical	H.002868	I-49 Frontage Road Bridges PDA Testing	\$227,811
Terracon	Environmental	H.004273.5	Lafayette Urban Section (I-49 Lafayette Connector) Phase II ESA, Lafayette Parish	\$9,138
Terracon	Geotechnical	H.005967	Nelson Road Extension and Bridge	\$52,531
Terracon	Geotechnical	H.012569	Little Sugar Creek Bridge	\$5,419
Terracon	Geotechnical	H.005121	LA-1 and LA-415 Connector	\$227,167
Terracon	Geotechnical	H.000385.5	US190: LA415 & RR Overpass	\$213,763
Terracon	Geotechnical	H.011670	Loyola Interchange Design-Build	\$221,316
Terracon	Geotechnical	H.012033	Cross Bayou and Caney Bayou	\$20,420
Terracon	Geotechnical	H. 002794.5	LA 308 – Canal Bridges Near Larose	\$676

(Add rows as needed)

DO NOT SUM

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

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

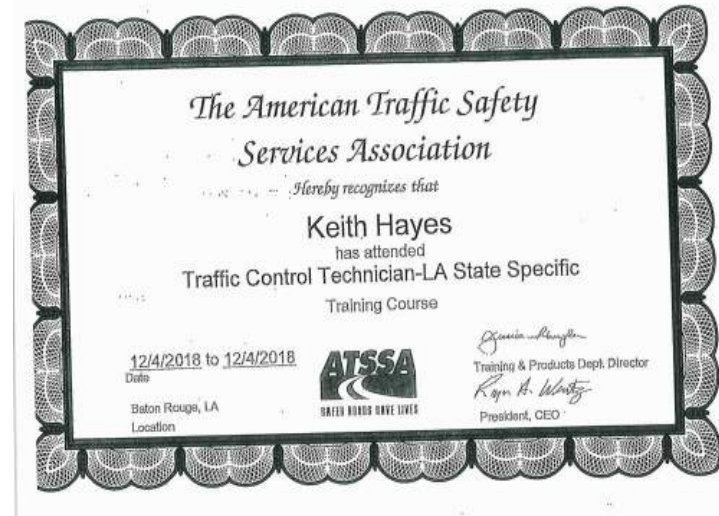


## 20. Certifications/Licenses:

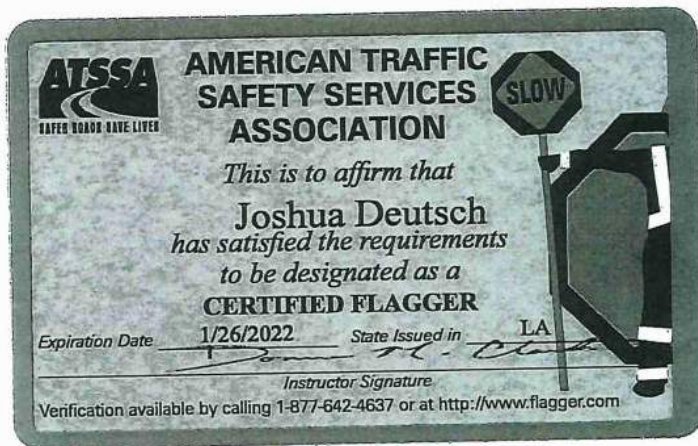
If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

Name:		Public Address:		
Monroe & Corie, Inc.		Mr. William Monroe 11325 Pennywood Avenue Baton Rouge, LA 70809		
License/Certificate Information w/ Supervision				
License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002216	ACTIVE	02/10/1998	09/30/2022	Mr. Craig Harley Corie # PE.0027447 - Active Mr. William Charles Monroe # PE.0013691 - Active

Name:		Public Address:		
Monroe & Corie, Inc.		Mr. William Monroe 11325 Pennywood Avenue Baton Rouge, LA 70809		
License/Certificate Information w/ Supervision				
License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000413	ACTIVE	02/10/1998	09/30/2022	Mr. William Charles Monroe # PLS.0004483 - Active









## **21. QA/QC Plan and/or Work Plan:**

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.

## **POLICY ON QUALITY CONTROL AND QUALITY ASSURANCE**

Specifically prepared for: **MCLIN ROAD OVER DARLING CREEK**

**SPN H.015025.5 – Contract No. 4400025054– St. Helena Parish**

This document establishes the minimum requirements for the Quality Control (QC) and Quality Assurance (QA) for all LADOTD Off-System Bridge Replacement (OSBR) projects to be surveyed and designed by MONROE & CORIE, Inc., Consulting Engineers, 11325 Pennywood Avenue, Baton Rouge, Louisiana, 70809.

This document complies with the minimum requirements in the DOTD Bridge Design Section Policy for QA/QC as stated in Part I, Chapter 3 of the DOTD Bridge Design & Evaluation Manual (BDEM). All employees of Monroe & Corie, Inc., who perform work on LADOTD Off-System Bridge Replacement projects shall comply with these minimum requirements in addition to any relevant QC/QA policy request by the LADOTD. These QC/QA requirements shall be implemented for all project activities as listed below.

<b>ADMINISTRATIVE:</b>		PREPARED BY:	CHECKED BY:
EXECUTE AND DELIVER LEGAL CONTRACT		WCM	CHC
SET UP PROJECT FILES		THS	WCM
CREATE VICINTY MAP		SAV	WCM
<b>SURVEY SUBMITTAL:</b>		PREPARED BY:	CHECKED BY:
COORDINATE SITE VISIT WITH PARISH AND CONFIRM BRIDGE LOCATION		WCM	CHC
COORDINATE THE LOUISIANA ONE CALL – UTILILTY LOCATION		WCM	CHC
COORDINATE CREATION OF CENTERLINE ALIGNMENT		WCM	CHC
CREATE LISTING OF FIELD NODES – SORTED BY STATION-OFFSET AND PRINT		THS	WCM
CREATE LISTING OF FIELD NODES – SORTED BY POINT NUMBER AND PRINT		THS	WCM
COORDINATE CREATION OF PLAN VIEW		WCM	CHC
COORDINATE CREATION OF PROFILE VIEW		WCM	CHC
COORDINATE CREATION OF ROADWAY CROSS SECTION EXHIBITS AND PLOT HALF SIZE		WCM	CHC
COORDINATE CREATION OF STREAM CROSS SECTION EXHIBITS AND PLOT HALF SIZE		WCM	CHC
COORDINATE CREATION OF COMPLETE FIELD ROLL SHEETS AND PLOT FULL SIZE		WCM	CHC
CREATE DRAINAGE MAP AND PRINT HALF SIZE		CHC	WCM
PREPARE COMPLETE SURVEY SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS		AS LISTED ABOVE	WCM

<b>HYDRAULIC AND SCOUR REPORT SUBMITTAL:</b>		PREPARED BY:	CHECKED BY:
PREPARE COMPLETE HYDRAULIC REPORT USING HEC-RAS SOFTWARE	CHC	WCM	
PREPARE HYDRAULIC COVER EXHIBIT WITH SELECTED BRIDGE PHOTOGRAPH & PRINT	WCM	CHC	
PREPARE PROJECT TITLE SHEET	SAV	WCM	
PREPARE PLAN/PROFILE BASE DRAWING WITHOUT EXISTING TIMBER BRIDGE	SAV	WCM	
ASSEMBLE HYDRAULIC SOV RESPONSES	THS	CHC	
PREPARE COMPLETE HYDRAULIC REPORT SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS	AS LISTED ABOVE	CHC	

### PRELIMINARY PLAN PHASE:

<div> <div>▪ Pre Plan in Hand</div> <div>PREPARED BY:</div> <div>CHECKED BY:</div> </div>			
DEVELOP DESIGN CRITERIA – ROAD CLASS, DESIGN SPEED, ROAD WIDTH, BRIDGE WIDTH, ETC.	SAV	WCM	
CALCULATE PROJECT LENGTH BASED ON HORIZONTAL ROADWAY TRANSITIONS AND VERTICAL CURVES	SAV	WCM	
IF THE DESIGN STRUCTURE IS RCB or PIPE, CALCULATE LENGTH OF BARREL	SAV	WCM	
DEVELOP DESIGN ROADWAY CROSS SECTIONS WITH PROPOSED ROADWAY TEMPLATE	WCM	CHC	
DETERMINE THE REQUIRED RIGHT OF WAY BASED ON LIMITS OF CONSTRUCTION	SAV	WCM	
CREATE AND ANNOTATE CROSS SECTION SHEETS SHOWING REQUIRED R/W	SAV	WCM	
PLOT ALL CROSS SECTION SHEETS, INCLUDING STREAM CROSS SECTION SHEETS	SAV	WCM	
UPDATE TITLE SHEET WITH DESIGN CRITERIA, INDEX OF SHEETS, AND PROJECT LENGTH	SAV	WCM	
UPDATE LAYOUT MAP WITH THE STATIONING OF PROJECT LIMITS, AND THE DESIGN STRUCTURE	SAV	WCM	
CREATE ROADWAY TYPICAL SECTION SHEET WITH TABLE OF ROADWAY TRANSITIONS	SAV	WCM	
CREATE PLAN AND PROFILE DRAWING WITH PROPOSED STRUCTURE, DESIGN HYDRAULIC TABLE AND NOTES	WCM	CHC	
UPDATE DRAINAGE MAP WITH DESIGN PROJECT STATIONING, AND BACKWATER NOTE	CHC	WCM	
CREATE MINIMUM CONSTRUCTION SIGNING SHEET, USING DESIGN PROJECT LIMITS	SAV	WCM	
CREATE GENERAL PLAN DRAWING WITH PROPOSED BRIDGE STRUCTURE, DESIGN HYDRAULIC TABLE AND NOTES	SAV	WCM	
COMPLETE TITLE BLOCKS FOR DOTD STANDARD DETAIL SHEETS TO BE INCLUDED IN THIS PHASE	SAV	WCM	
CHECK SHEET NUMBERING, UPDATE INDEX ON TITLE SHEET	SAV	WCM	
PLOT ALL DRAWINGS ON BOND PAPER AND BIND INTO ONE SET	SAV	WCM	
PREPARE CONSTRUCTIBILITY REPORT AND SUBMIT TO DOTD WITH MSWORD ELECTRONIC COPY	WCM	CHC	
PREPARE PRELIMINARY PLAN SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS	AS LISTED ABOVE	WCM	

Plan in Hand Preparation:		PREPARED BY:	CHECKED BY:
BASED ON COMMENTS FROM THE OSBR STAFF, UPDATE ALL AFFECTED DRAWINGS AS NEEDED INCLUDING: TITLE SHEET, LAYOUT MAP, TYPICAL SECTION SHEET, PLAN AND PROFILE SHEET, DRAINAGE MAPS, MINIMUM CONSTRUCTION SIGNING, GENERAL BRIDGE PLAN, CROSS SECTION SHEET		SAV	WCM
IN THE CASE OF DESIGN RCB/PIPE, ADD PH-RESISTIVITY & PROBING TO PLAN & PROFILE DRAWING		SAV	WCM
PLOT ALL DRAWINGS ON BOND PAPER AND BIND INTO EIGHT SETS		SAV	WCM
PREPARE PIH SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS		AS LISTED ABOVE	WCM

Plan in Hand – FIELD INSPECTION WITH REVIEW OF DESIGN

Post Plan in Hand Preparation:		PREPARED BY:	CHECKED BY:
BASED ON COMMENTS FROM THE PLAN IN HAND FIELD INSPECTION, REVISE DESIGN IF REQUESTED AND UPDATE ALL AFFECTED DRAWINGS AS NEEDED INCLUDING: TITLE SHEET, LAYOUT MAP, TYPICAL SECTION SHEET, PLAN AND PROFILE SHEET, DRAINAGE MAPS, MINIMUM CONSTRUCTION SIGNING, GENERAL BRIDGE PLAN, CROSS SECTION SHEETS, PLOT ALL DRAWINGS ON BOND PAPER AND BIND INTO ONE SET		SAV	WCM
PREPARE POST PIH SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS		AS LISTED ABOVE	WCM

WETLANDS SUBMITTAL:		PREPARED BY:	CHECKED BY:
PROVIDE POST PLAN IN HAND DRAWINGS WITH THE FINAL DESIGN FOOTPRINT TO THE ENVIRONMENTAL CONSULTANT		SAV	WCM
PROVIDE QUANTITIES FOR DRAINAGE EXCAVATION, EMBANKMENT TO THE ENVIRONMENTAL CONSULTANT		SAV	WCM
UPON RECEIPT OF WETLANDS REPORT, REVIEW FINDINGS		SAV	WCM
COORDINATE WETLAND FINDINGS WITH CORPS OF ENGINEER PERMIT EXHIBITS		SAV	WCM
PREPARE WETLANDS SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS (Including QC/QA forms from TERRACON, INC. – Sub Consultant)		AS LISTED ABOVE	WCM



RIGHT-OF-WAY SKETCH:		PREPARED BY:	CHECKED BY:
CREATE (11" X 17") COLOR DRAWING FOR REQ'D R/W SKETCH	SAV	WCM	
CREATE LEGAL AGREEMENTS WITH REQUIRED R/W DESCRIPTION FOR USE BY PARISH	SAV	WCM	
MAKE ONE COPY OF EACH SKETCH AND LEGAL AGREEMENT	SAV	WCM	
MAKE ONE REPRODUCIBLE COPY (FULL SIZE) OF PLAN AND PROFILE DRAWING FOR PARISH	SAV	WCM	
COPY ELECTRONIC FILES ONTO CD FOR TRANSMITTAL TO DOTD/PARISH	SAV	WCM	
PREPARE R/W SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS	AS LISTED ABOVE	WCM	

CORPS OF ENGINEERS PERMIT EXHIBITS:		PREPARED BY:	CHECKED BY:
CREATE SITE PLAN (USACE SHEET No. 2) DETAILING WETLAND AREA	SAV	WCM	
CREATE PROFILE (USACE SHEET No. 3)	SAV	WCM	
CREATE TYPICAL SECTION (USACE SHEET No. 4)	SAV	WCM	
PREPARE BASIC REQUIRED RIGHT OF WAY SKETCH/INFO FOR DOTD GEOTECH SECTION	SAV	WCM	
PREPARE CORPS OF ENGINEERS PERMIT PACKAGE WITH EXECUTED QC/QA FORMS	AS LISTED ABOVE	WCM	

ENVIRONMENTAL CLEARANCE:	PREPARED BY:	CHECKED BY:
PREPARE LETTERS WITH SOV EXHIBITS AND MAIL TO ENTIRE LIST	THS	WCM
COORDINATE SOV RESPONSES INTO PLANS	THS	WCM
PREPARE ENVIRONMENTAL CLEARANCE DOCUMENTS	THS	WCM
PREPARE ENVIRONMENTAL CLEARANCE SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS	AS LISTED ABOVE	WCM

FINAL PLAN SUBMITTAL:		PREPARED BY:	CHECKED BY:
▪ Pre Advance Check Prints Submittal:	▪	▪	
UPDATE GENERAL BRIDGE PLAN WITH SOIL BORING LOCATIONS PROVIDED BY DOTD	SAV		WCM
CALCULATE BENT ELEVATIONS AND UPDATE GENERAL BRIDGE PLAN TABLES	SAV		WCM
COMPLETE DOTD GEOTECH CHECKLIST FOR SUBMITTAL TO DOTD	SAV		WCM
SUBMIT DRAWINGS AND CHECKLIST TO DOTD FOR PILE LENGTH DETERMINATION	SAV		WCM
SCAN DOTD STANDARD DRAWINGS TO BE INCLUDED IN THIS PHASE AND COMPLETE TITLE BLOCKS	SAV		WCM
REVIEW SHEET NUMBERING AND UPDATE TITLE SHEET INDEX	SAV		WCM

REVIEW THE PLAN IN HAND FIELD SITE COMMENTS A FINAL TIME FOR REQUIRED BID ITEMS	SAV	WCM
CALCULATE QUANTITIES FOR ALL BID ITEMS, INCLUDING ASPHALT, AGGREGATE, GUARD RAIL ITEMS, RIP RAP, TEMPORARY EROSION CONTROL, SEEDING, FERTILIZER, MULCH, AND ITEMS RELATED TO DESIGN STRUCTURE	SAV	WCM
CREATE QUANTITY SHEETS FOR LISTING OF BID ITEMS, 3 SHEETS, INCLUDING SUMMARY OF DRAINAGE STRUCTURES	SAV	WCM
CREATE EROSION CONTROL PLAN	SAV	WCM
PLOT ALL DRAWINGS ON BOND PAPER AND BIND INTO SET	SAV	WCM
PREPARE PRE-ACP SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS	SAV	WCM

▪ **Advance Check Prints Submittal:**

UPDATE GENERAL BRIDGE PLAN AND QUANTITY SHEETS WITH DOTD PILE LENGTHS, IF AVAILABLE	SAV	WCM
BASED ON COMMENTS FROM THE O.S.B. STAFF, UPDATE ALL AFFECTED DRAWINGS AS REQUESTED, INCLUDING TITLE SHEET, LAYOUT MAP, TYPICAL SECTION SHEET, PLAN AND PROFILE, QUANTITY SHEETS, DRAINAGE MAP, EROSION CONTROL PLAN, CONSTRUCTION SIGNING SHEETS, GENERAL PLAN AND CROSS SECTIONS	SAV	WCM
PLOT ALL DRAWINGS ON BOND PAPER AND BIND INTO EIGHT SETS	SAV	WCM
PREPARE-ACP SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS	AS LISTED ABOVE	WCM

FINAL PLAN SUBMITTAL:		PREPARED BY:	CHECKED BY:
REVISE ALL DRAWINGS PER ADVANCE CHECK PRINT COMMENTS	SAV	WCM	
PLOT CROSS SECTIONS ON VELLUM PAPER	SAV	WCM	
PLOT TITLE SHEET, LAYOUT MAP, TYPICAL SECTION SHEET, PLAN AND PROFILE, QUANTITY SHEETS (3), EROSION CONTROL PLANS, DRAINAGE MAP, CONSTRUCTION SIGNING SHEET AND GENERAL BRIDGE PLAN AND TABLES ON MATTE FILM	SAV	WCM	
PROJECT ENGINEERS SIGN DRAWINGS	SAV	WCM	
VERIFY THE P.E. STAMP SIGNATURE and DATE FOR THE FINAL PLAN DELIVERY	WCM	CHC	
PREPARE BOUND CALCULATION REPORT COVER AND DIVIDERS AND BIND CALCULATIONS INTO REPORT	SAV	WCM	
PREPARE HYDRAULIC REPORT IN PDF FORMAT	SAV	WCM	
PREPARE FINAL SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS	AS LISTED ABOVE	WCM	

**22. Sub-consultant information:**

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

<b>Firm Name (as registered with Louisiana's Secretary of State)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
<b>Landsource, Inc.</b>	6730 Exchequer Dr., Baton Rouge, LA 70809	David L. Patterson, P.L.S., patterson@landsource.com	(225) 752-0995
<b>Terracon Consultants</b>	2822 O'Neal Lane – B, Baton Rouge, LA 70816	D'Juana Beason, DJuana.Beason@terracon.com	(225) 614 0404

(Add rows as needed)

**23. Location:**

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.