

CONTRACT NO. 4400030644
STATE PROJECT NO. H.015977.5
FEDERAL AID PROJECT NO. H015977
OFF-SYSTEM HIGHWAY BRIDGE PROGRAM
NORTH ACHORD RD OVER DRAINAGE BAYOU
EAST BATON ROUGE PARISH



SECTIONS

1-11


DOTD FORM: 24-102

(Revised December 12, 2024)


PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

| | |
|---|--|
| 1. Contract Name as shown in the advertisement | NORTH ACHORD RD OVER DRAINAGE BAYOU EAST BATON ROUGE PARISH |
| 2. Contract Number(s) as shown in the advertisement | 4400030644 |
| 3. State Project Number(s), if shown in the advertisement | H.015977.5 |
| 4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>) |  MONROE & CORIE, INC. 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., P.L.S., 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., P.L.S., CEO (225)293-1905 wcm@monroecorie.com |

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

| | |
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| <p>10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.</p> <p>Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.</p> |  <p>Signature above shall be the same person listed in Section 9:</p> <p>APRIL 4, 2025</p> <p>Date: _____</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> _____ <u>Firm(s)' %:</u> _____</p> |



SECTIONS

12-15



12. Discipline Table:

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

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

| Discipline(s) | % of Overall Contract | Prime Monroe & Corie, Inc. | Firm B Landsource, Inc. | Firm C Terracon Consultants, Inc. | Each Discipline must total to 100% |
|---------------------|-----------------------|-------------------------------|----------------------------|---|---------------------------------------|
| Bridge | 66% | 100% | | | 100% |
| Survey | 28% | 70% | 30% | | 100% |
| Environmental | 6% | 40% | | 60% | 100% |
| Percent of Contract | 100% | 88.0% % | 8.4% | 3.6% | 100% |

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 (must specify)” and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

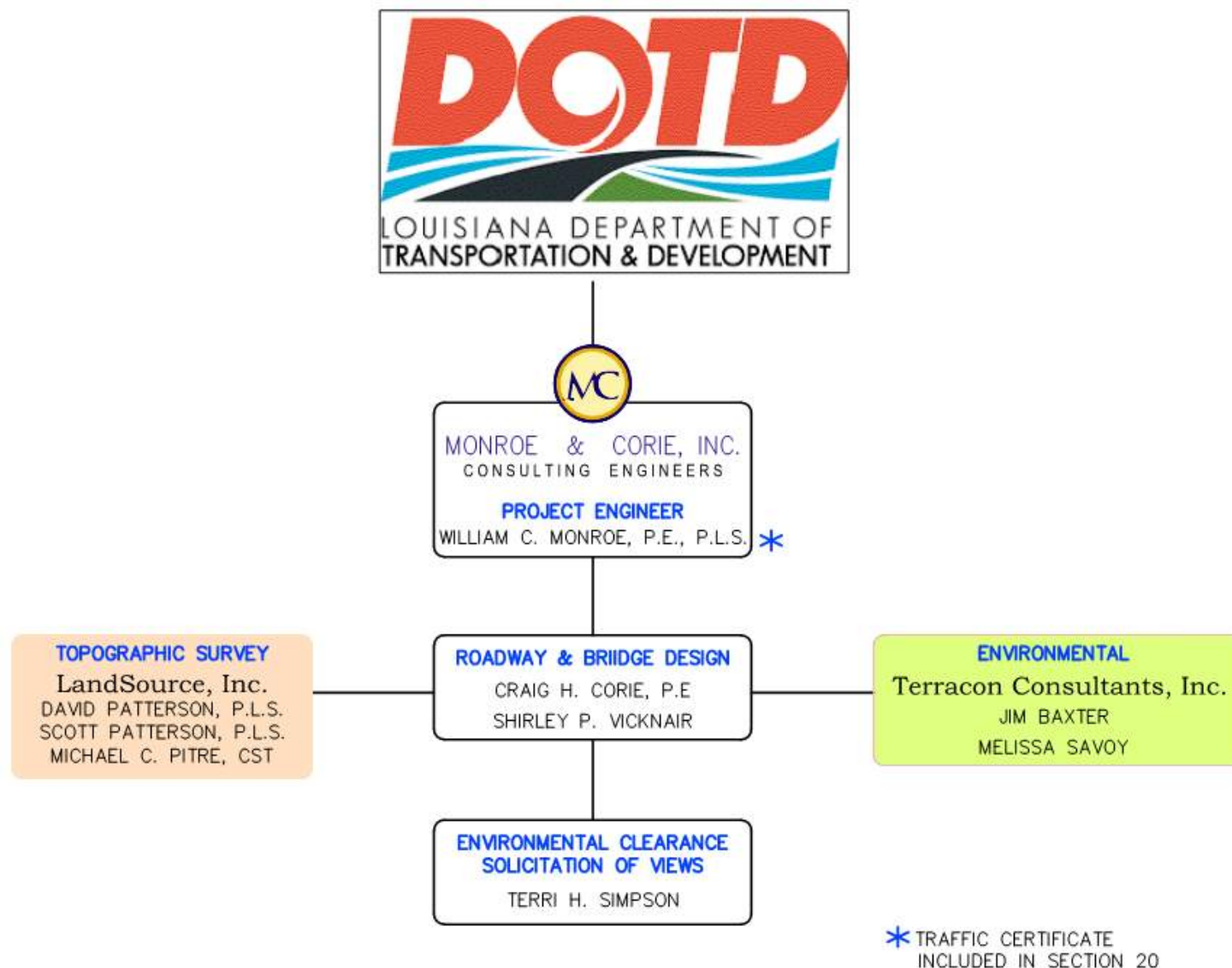
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

| Firm name | DOTD Job Classification | Number of personnel <u>committed to this contract</u> | 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. | Surveyor | 1 | 1 |
| MONROE & CORIE, INC. | Clerical | 1 | 1 |
| Landsource, Inc. | Surveyor | 2 | 2 |
| Landsource, Inc. | CADD Technician | 2 | 3 |
| Landsource, Inc. | Clerical | 1 | 1 |
| Landsource, Inc. | Administrative | 2 | 2 |
| Landsource, Inc. | Party Chief | 2 | 4 |
| Landsource, Inc. | Technician | 1 | 1 |
| Terracon Consultants, Inc. | Environmental Manager | 1 | 3 |
| Terracon Consultants, Inc. | Biologist/Wetlands | 1 | 4 |
| | Choose an item. | | |

(Add rows as needed)

14. Organizational Chart:

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



15. Minimum Personnel Requirements:

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

| MPR No. Do not insert wording from ad | Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement) | Firm employed by | Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil) | State of license | License / certification expiration date |
|--|--|----------------------------|---|------------------------|---|
| 1 | W.C. Monroe, P.E., P.L.S. | Monroe & Corie, Inc. | P.E. / 0013691-Civil & Mechanical | LA | 03/31/2026 |
| 2 | Craig H. Corie, P.E. | Monroe & Corie, Inc. | P.E./ 0027447-Civil | LA | 09/30/2025 |
| 3 | W.C. Monroe, P.E., P.L.S. | Monroe & Corie, Inc. | P.E./0013691-Civil & Mechanical | LA | 03/31/2026 |
| 4 | David Patterson, P.L.S. | Landsource, Inc. | P.L.S./ 0004784 | LA | 03/31/2027 |
| 5 | Jim Baxter | Terracon Consultants, Inc. | N/A | N/A | N/A |
| | | | | | |

(Add rows as needed)



SECTION 16



16. Staff Experience:

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



(Add rows as needed)

| | | | | |
|--|-----------------------|------------|--|----|
| Name | Craig H. Corie, P. E. | | Years of relevant experience with this employer | 26 |
| 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, 2025 | |
| 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. | |





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|--------------------------------|---|--|--|--|
| | 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). | | | |
| 1/21-present | Pecue Place Bridge over Ward Creek, East Baton Rouge Parish, Lead Designer | | | |
| 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. | | | |


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| 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. |

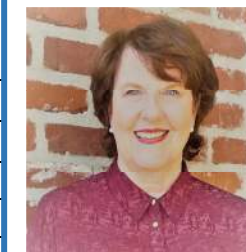
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|--|---|---|------------------------------|--|
|  MONROE & CORIE, INC. CONSULTING ENGINEERS | | | |  |
| Firm employed by | | | | |
| Name | William C. "Bill" Monroe, P.E., P.L.S. | Years of relevant experience with this employer | 46 | |
| Title | 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, 2026 | | |
| Year registered | 1973/1974 | Discipline | Mechanical/Civil Engineering | |
| Contract role(s) / brief description of responsibilities | | Lead Project Manager and Engineer | | |
| | Mr. Monroe has been in responsible charge of topographic surveys, hydraulics design, and roadway & 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. Mr. Monroe worked on the very first group of Off System Replacement bridges in 1982. | | | |
| 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 | | | |

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| 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 700-30-141, Rapides Parish, seven Off System Bridge Replacement sites |
| 05/92 - 04/96 | Surveyor and Lead Designer, SPN 700-30-139, Livingston Parish, six Off System Bridge Replacement sites |
| 07/92 - 06/95 | Surveyor and Lead Designer, SPN 700-28-103, Avoyelles Parish, three Off System Bridge Replacement sites |
| 09/91 - 07/94 | Surveyor and Lead Designer, SPN 700-28-62, East Feliciana Parish, two Off System Bridge Replacement sites |
| 09/90 - 06/93 | Surveyor and Lead Designer, SPN 700-28-34, Natchitoches Parish, four Off System Bridge Replacement sites |
| 09/90 - 06/94 | Surveyor and Lead Designer, SPN 700-29-12, LaSalle Parish, three Off System Bridge Replacement sites |
| 09/90 - 08/93 | Surveyor and Lead Designer, SPN 700-28-42, Washington Parish, five Off System Bridge Replacement sites |
| 09/89 - 06/93 | Surveyor and Lead Designer, SPN 700-28-37, Rapides Parish, five Off System Bridge Replacement sites |
| 09/88 - 07/92 | Surveyor and Lead Designer, SPN 700-25-87, Avoyelles Parish, four Off System Bridge Replacement sites |
| 09/86 - 07/91 | Surveyor and Lead Designer, SPN 700-26-03, Washington Parish, four Off System Bridge Replacement sites |
| 02/82 - present | Surveyor and Lead Designer, successfully completed a total of 298 Off System Bridge Replacement |

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|  MONROE & CORIE, INC. CONSULTING ENGINEERS | | |  |
| Firm employed by | | | |
| Name Terri H. Simpson | Years of relevant experience with this employer | 15+ | |
| Title Environmental Coordinator | Years of relevant experience with other employer(s) | N/A | |
| Degree(s) / Years / Specialization | | Bachelor of Science – Northwestern State University | |
| Active registration number / state / expiration date | | N/A | |
| Year registered | N/A | Discipline | N/A |
| Contract role(s) / brief description of responsibilities | | Solicitation of Views, Environmental Documents and Clearance, Coordination | |
| <p>Terri has over 17 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.</p> <p>Additionally, her interpersonal skills are effective in obtaining important documents for endangered species, in a timely manner.</p> <p>Another key role Terri completes is the follow up and organization of the Preliminary Jurisdiction Determination.</p> <p>Terri's attention to detail and familiarity with the entire Environmental process strongly benefits this part of the 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 | 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. | | |

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|---------------|--|
| 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 |

|  MONROE & CORIE, INC. CONSULTING ENGINEERS | | | |
|---|--|--|-----|
| Firm employed by | | | |
| Name | Shirley P. Vicknair | Years of relevant experience with this employer | 40 |
| Title | CADD Technician | Years of relevant experience with other employer(s) | 6 |
| Degree(s) / Years / Specialization | | Bachelor of Science – Louisiana State University | |
| Active registration number / state / expiration date | | N/A | |
| Year registered | N/A | Discipline | N/A |
| Contract role(s) / brief description of responsibilities | | Senior CADD Technician and detailer. Shirley works with engineers to develop roadway and bridge drawings for preliminary and final Off-System Bridge project submittals. | |
| <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 & ink method. The field rolls, preliminary plans, U.S. Corps of Engineers & 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 & 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 | | |



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| 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 |

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| Firm employed by LandSource, Inc. | | | | |
| Name | David L. Patterson, P.L.S. | | Years of relevant experience with this employer | 29 |
| Title | President | | Years of relevant experience with other employer(s) | 10 |
| Degree(s) / Years / Specialization | | | Louisiana State University, B.S., 4 years, Construction Technology | |
| Active registration number / state / expiration date | | | 04784 / LA / 03/31/2025 | |
| Year registered | 29 | Discipline | Professional Land Surveyor | |
| Contract role(s) / brief description of responsibilities | | | Principal-in-Charge/Project Manager/Land Surveyor - Mr. Patterson has & will serve as Principal-in-Charge, Project Manager & Professional Land Surveyor on the projects listed below and the advertised project. He will oversee all project activities. | |
| 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) | | | |

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| Firm employed by LandSource, Inc. | | | |
| Name | Scott L. Patterson, P.L.S. | | Years of relevant experience with this employer |
| Title | Project Manager | | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization | | Louisiana State University, B.S., 4 years, Construction Management | |
| Active registration number / state / expiration date | | 05246 / LA / 09/30/2025 | |
| Year registered | 3 | Discipline | Professional Land Surveyor |
| Contract role(s) / brief description of responsibilities | | Project Manager | |
| 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) | | |

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| Firm employed by LandSource, Inc. | | | | |
| Name | Michael C. Pitre, CST | | Years of relevant experience with this employer | 24 |
| Title | Field Coordinator | | Years of relevant experience with other employer(s) | 5 |
| Degree(s) / Years / Specialization | | | T.H. Harris Technical College, Associate's Degree, 2 yr., Civil Engineering Technology | |
| Active registration number / state / expiration date | | | CST Level III Certified, LA License #1003-1863 / LA / 06/30/2025 | |
| Year registered | 22 | Discipline | Survey Coordinator | |
| Contract role(s) / brief description of responsibilities | | | Survey Coordinator - Mr. Pitre has & will serve as Survey Coordinator on the projects listed below and the advertised project. He will coordinate survey crews and CADD personnel. | |
| 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) | | | |

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| Firm employed by Terracon Consultants, Inc. | | | |
| Name | Jim Baxter | | Years of relevant experience with this employer |
| Title | Senior Ecologist | | Years of relevant experience with other employer(s) |
| 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 | CERTIFICATION: 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. | |
| <p>Jim 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). He is a lead reviewer for natural resource work, including wetland delineations, and oversees various ecological projects throughout the southeast. Jim 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> | | | |
| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s). | | |
| 05/24 - 06/24 | SP H.014985, Spring Bayou Road Over Spring Bayou Off System Bridge Wetland Delineation, Goudeau, LA, DOTD Senior Project Reviewer. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation of .674-acre project site. Terracon recommended submitting a copy of the WOTUS Delineation report and applicable Jurisdictional Determination request form to the USACE District office for review and verification to obtain a Preliminary Jurisdictional Determination (PJD) Request in order to perform a replacement of the bridge. | | |
| 03/24 - 05/24 | SP H.014991, E. State Street Over Corporation Canal Off System Bridge Wetland Delineation, Baton Rouge, LA, DOTD Senior Project Reviewer. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation. Terracon recommended consultation with the USACE for review and verification of the WOTUS Delineation to obtain a Preliminary Jurisdictional Determination (PJD) Request. | | |
| 01/24 - 03/24 | SP H.015012, Cleve Kennedy Road Over Morgan Branch Off System Bridge Wetland Delineation, Pine, LA, DOTD Senior Project Reviewer. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation of 0.536-acre site within the project area of a proposed bridge replacement. Terracon recommended consultation with the USACE for review and verification of the WOTUS Delineation to obtain an Approved Jurisdictional Determination (AJD) Request. | | |
| 12/23 - 03/24 | SP H.014979, Airport Road Off System Bridge Wetland Delineation, Crowley, LA, DOTD Senior Project Reviewer. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation on the .50-acre site. 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. | | |
| 05/22 - 06/22 | SP H.014270, Lefort Bypass Road Off System Bridge Wetland Delineation, Thibodaux, LA, DOTD Senior Ecologist. Terracon prepared a Waters of the US (WOTUS) 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. | | |
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| Firm employed by Terracon Consultants, Inc. | | | |
| Name | Melissa Savoy | | Years of relevant experience with this employer |
| Title | Staff Scientist | | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization | | Master of Science, Environmental/Soil and Water Science, University of Florida, 2018 Bachelor of Science, Biology, Franciscan University, 2004 | |
| Active registration number / state / expiration date | | N/A | |
| Year registered | N/A | Discipline | CERTIFICATION: Wetland Delineation, 2022 |
| Contract role(s) / brief description of responsibilities | | Wetland Scientist | |
| Melissa Savoy is a staff scientist with a concentration in wetland consulting. She has conducted fieldwork associated with Desktop Constraints Analyses (DCAs) and Wetlands and Threatened/Endangered Species surveys and Habitat surveys. Melissa also has experience in conducting Field Delineation and preparing preliminary WOTUS Delineation Reports that included site characterization information, a discussion of applicable data, and recommendations for the site. | | | |
| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s). | | |
| 05/24 – 06/24 | SP H.014985, Spring Bayou Road Over Spring Bayou Off System Bridge Wetland Delineation, Goudeau, LA, DOTD Project Manager. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation of .674-acre project site. Terracon recommended submitting a copy of the WOTUS Delineation report and applicable Jurisdictional Determination request form to the USACE District office for review and verification to obtain a Preliminary Jurisdictional Determination (PJD) Request in order to perform a replacement of the bridge. | | |
| 03/24 – 05/24 | SP H.014991, E. State Street Over Corporation Canal Off System Bridge Wetland Delineation, Baton Rouge, LA, DOTD Project Manager. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation. Terracon recommended consultation with the USACE for review and verification of the WOTUS Delineation to obtain a Preliminary Jurisdictional Determination (PJD) Request. | | |
| 01/24 – 03/24 | SP H.015012, Cleve Kennedy Road Over Morgan Branch Off System Bridge Wetland Delineation, Pine, LA, DOTD Project Manager. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation of 0.536-acre site within the project area of a proposed bridge replacement. Terracon recommended consultation with the USACE for review and verification of the WOTUS Delineation to obtain an Approved Jurisdictional Determination (AJD) Request. | | |
| 12/23 – 03/24 | SP H.014979, Airport Road Off System Bridge Wetland Delineation, Crowley, LA, DOTD Project Manager. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation on the .50-acre site. 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. | | |
| 05/22 – 06/22 | SP H.014270, Lefort Bypass Road Off System Bridge Wetland Delineation, Thibodaux, LA, DOTD Project Manager. Terracon prepared a Waters of the US (WOTUS) 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. | | |
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SECTION


17



MONROE & CORIE, INC.
CONSULTING ENGINEERS

17. Firm Experience:

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


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|---|---|--|-------------------------------------|----------------|--|
| Firm name |  | | 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 | BARBARA OSTUNO | |
| Owner's address, phone, email | 1201 Capital Access Road, Baton Rouge, LA 70802 225-379-1047, Barbara.Ostuno@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 (\$1000's) | \$91 | | |

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

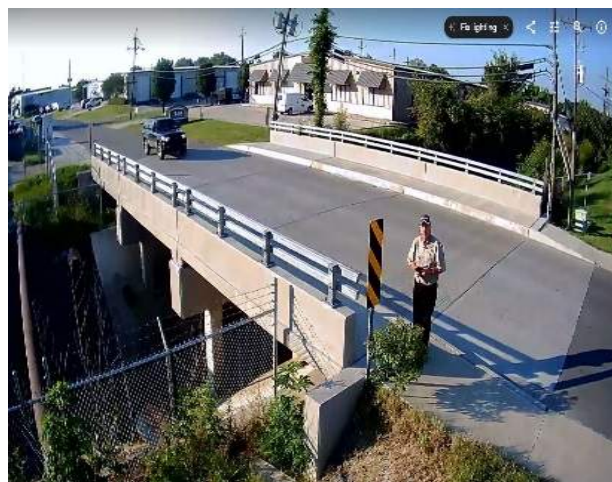
This OSBR project consisting of two bridges in TERREBONNE Parish was surveyed, designed and administered by the four key individuals currently employed by **MONROE & CORIE, INC.** as follows. Mr. Corie was responsible for the developing the Drainage Map and calculating the design flows for the new bridge. 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


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

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.



| STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION & INFRASTRUCTURE DEVELOPMENT | |
|--|--|
| 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 : | Tracings |
| Rated By : | PENTEK, GARY CHARLES |
| Approved By : | D'Andrea, Artur |
| Comments : | A wonderful firm with a great staff. |
| Rating Score : | 5.0 |
| Rating Score Summary : | Bridge Design : 5.0 |


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

| | | | | | |
|---|--|---|------------|-------------------------------------|-------------|
| Firm name |  MONROE & CORIE, INC. CONSULTING ENGINEERS | | Discipline | 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.




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

| | | | | | |
|---|---|---|------------|-------------------------------------|----------------|
| Firm name |  MONROE & CORIE, INC. CONSULTING ENGINEERS | | Discipline | BRIDGE | |
| Project name | EBR PARISH OFF SYSTEM BRIDGE REPLACEMENT | | | Firm responsibility (prime or sub?) | PRIME |
| Project number | H.014320 | Owner's name | LA DOTD | | |
| Project location | EAST BATON ROUGE PARISH | | | Owner's Project Manager | Barbara Ostuno |
| Owner's address, phone, email | 1201 Capital Access Road, Baton Rouge, LA 70802, 225 379-1047, Barbara.Ostuno@LA.GOV | | | | |
| Services commenced by this firm (mm/yy) | 12/20 | Total consultant contract cost (\$1,000's) | | | \$81 |
| Services completed by this firm (mm/yy) | 06/23 | Cost of consultant services provided by this firm (\$1,000's) | | | \$78 |

This OSBR project consisted of replacing the existing bridge over Corporation Canal 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, the Hydraulic Report and Preliminary Plans for the proposed RCB Culvert. 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 the CADD operations and Final Plan Production. Mr. Monroe was responsible for the Final plan design including the detailing of a special headwall design. Pictured below is the timber bridge and the very successfully completed RCB Culvert installation on Van Buren Street in East Baton Parish.



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

| | | | | | |
|---|---|---|-------------------------|-------------------------------------|-------|
| Firm name |  MONROE & CORIE, INC. CONSULTING ENGINEERS | | Discipline | BRIDGE | |
| Project name | ALLEN PARISH OFF SYSTEM BRIDGE REPLACEMENT | | | Firm responsibility (prime or sub?) | PRIME |
| Project number | H.010054 and H.010055 | Owner's name | LA DOTD | | |
| Project location | ALLEN 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) | 01/13 | Total consultant contract cost (\$1,000's) | | | \$218 |
| Services completed by this firm (mm/yy) | 05/15 | Cost of consultant services provided by this firm (\$1,000's) | | | \$212 |

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.

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

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

| | | | | | |
|---|---|--------------|---|-------------------------------------|-----|
| Firm name | LANDSOURCE, INC. | | Discipline(s) | Survey | |
| Project name | Spring Bayou OSB | | | Firm responsibility (prime or sub?) | Sub |
| Project number | State Project No. H.014273.5 | Owner's name | LA Dept. of Transportation & Development | | |
| Project location | Avoyelles Parish | | Owner's Project Manager | William C. Monroe | |
| Owner's address, phone, email | 11325 Pennywood Avenue, Baton Rouge, LA 70809; 225-293-1905; wcm@monroecorie.com | | | | |
| Services commenced by this firm (mm/yy) 03/23 | | | Total consultant contract cost (\$1,000's) | | 4 |
| Services completed by this firm (mm/yy) 04/23 | | | Cost of consultant services provided by this firm (\$1,000's) | | 4 |

The project's objective was to develop plans for the replacement of one (1) bridge in Avoyelles Parish, as a subconsultant to Monroe & Corie, Inc. LandSource, Inc. was responsible for support surveying, which included topographic, field and right-of-way surveys. All LandSource personnel listed on the prime's organizational chart were involved in this project. **Key Personnel: David Patterson, Scott Patterson and Michael Pitre.**

| | | | | | | |
|---|---|--------------|---|--|-------------------------------------|-----|
| Firm name | LANDSOURCE, INC. | | Discipline(s) | | Survey | |
| Project name | Wayne Headrick Road OSB | | | | Firm responsibility (prime or sub?) | Sub |
| Project number | State Project No. H.014983.5 | Owner's name | LA Dept. of Transportation & Development | | | |
| Project location | Rapides Parish | | Owner's Project Manager | | William C. Monroe | |
| Owner's address, phone, email | 11325 Pennywood Avenue, Baton Rouge, LA 70809; 225-293-1905; wcm@monroecorie.com | | | | | |
| Services commenced by this firm (mm/yy) 06/23 | | | Total consultant contract cost (\$1,000's) | | | 3 |
| Services completed by this firm (mm/yy) 07/23 | | | Cost of consultant services provided by this firm (\$1,000's) | | | 3 |

The project's objective was to develop plans for the replacement of one (1) bridge in Rapides Parish, as a subconsultant to Monroe & Corie, Inc. LandSource, Inc. was responsible for support surveying, which included topographic, field and right-of-way surveys. All LandSource personnel listed on the prime's organizational chart were involved in this project. **Key Personnel: David Patterson, Scott Patterson and Michael Pitre.**

| | | | | | | | |
|---|------------------------------|---|---|-------------------------|-------------------------------------|-------------------|-----|
| Firm name | LANDSOURCE, INC. | | Discipline(s) | | Survey | | |
| Project name | Airport Road Near Bison Road | | | | Firm responsibility (prime or sub?) | | Sub |
| Project number | State Project No. | Owner's name | LA Dept. of Transportation & Development | | | | |
| Project location | Acadia Parish | | | Owner's Project Manager | | William C. Monroe | |
| Owner's address, phone, email | | 11325 Pennywood Avenue, Baton Rouge, LA 70809; 225-293-1905; wcm@monroecorie.com | | | | | |
| Services commenced by this firm (mm/yy) 03/23 | | | Total consultant contract cost (\$1,000's) | | | | 3 |
| Services completed by this firm (mm/yy) 04/23 | | | Cost of consultant services provided by this firm (\$1,000's) | | | | 3 |

The project's objective was to develop plans for the replacement of one (1) bridge in Acadia Parish, as a subconsultant to Monroe & Corie, Inc. LandSource, Inc. was responsible for support surveying, which included topographic, field and right-of-way surveys. All LandSource personnel listed on the prime's organizational chart were involved in this project. **Key Personnel: David Patterson, Scott Patterson and Michael Pitre.**

| | | | | | | |
|---|---|---|---|-------------------------|-------------------------------------|-------------|
| Firm name | Terracon Consultants, Inc. | | Discipline(s)* | | Environmental | |
| Project name | Spring Bayou Road Over Spring Bayou Off System Bridge Wetland Delineation | | | | Firm responsibility (prime or sub?) | Sub |
| Project number | SP H.014985 | Owner's name | Louisiana Department of Transportation and Development | | | |
| Project location | Avoyelles 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) | | 05/24 | Total consultant contract cost (\$1,000's) | | | N/A |
| Services completed by this firm (mm/yy) | | 06/24 | Cost of consultant services provided by this firm (\$1,000's) | | | \$3,300 |

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

Monroe & Corie, Inc. subcontracted Terracon to perform wetlands delineations for the off-system bridge contract for LADOTD. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation of the .674-acre project site located at Spring Bayou Road over Spring Bayou, in Goudeau, Avoyelles Parish, Louisiana. Topographic maps, National Wetland Inventory maps, aerial photographs, soil data from the Natural Resources Conservation Service, as well as flood insurance maps were reviewed prior to conducting the field delineations as background research. Wetlands onsite were identified based on soil sampling and vegetation surveys, and these areas were mapped using sub-meter GPS technology. Terracon recommended submitting a copy of the WOTUS Delineation report and applicable Jurisdictional Determination request form to the USACE District office for review and verification to obtain a Preliminary Jurisdictional Determination (PJD) Request in order to perform a replacement of the bridge.



Key Members: Jim Baxter and Melissa Savoy

| | | | | | | |
|---|--|---|---|-------------------------|-------------------------------------|---------|
| Firm name | Terracon Consultants, Inc. | | Discipline(s)* | | Environmental | |
| Project name | E. State Street Over Corporation Canal Off System Bridge Wetland Delineation | | | | Firm responsibility (prime or sub?) | Sub |
| Project number | SP H.014991 | Owner's name | Louisiana Department of Transportation and Development | | | |
| Project location | East Baton Rouge 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) | | 03/24 | Total consultant contract cost (\$1,000's) | | | N/A |
| Services completed by this firm (mm/yy) | | 05/24 | Cost of consultant services provided by this firm (\$1,000's) | | | \$2,500 |

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

Monroe & Corie, Inc. subcontracted Terracon to perform wetlands delineations for the off-system bridge contract for LADOTD. The project site is located at East State Street over Corporation Canal, in Baton Rouge, East Baton Rouge Parish, Louisiana. Topographic maps, National Wetland Inventory maps, aerial photographs, soil data from the Natural Resources Conservation Service, as well as flood insurance maps were reviewed prior to conducting the field delineations as background research. This project involved a concrete lined canal rather than a natural stream, with no additional wetlands adjoining. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation. Terracon recommended consultation with the USACE for review and verification of the WOTUS Delineation to obtain a Preliminary Jurisdictional Determination (PJD) Request.



Key Members: Jim Baxter and Melissa Savoy

| | | | | | | |
|---|---|--------------|---|-------------------------|-------------------------------------|---------|
| Firm name | Terracon Consultants, Inc. | | Discipline(s)* | | Environmental | |
| Project name | Cleve Kennedy Road Over Morgan Branch Off System Bridge Wetland Delineation | | | | Firm responsibility (prime or sub?) | Sub |
| Project number | SP H.015012 | Owner's name | Louisiana Department of Transportation and Development | | | |
| Project location | Washington 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) | | 05/24 | Total consultant contract cost (\$1,000's) | | | N/A |
| Services completed by this firm (mm/yy) | | 06/24 | Cost of consultant services provided by this firm (\$1,000's) | | | \$3,300 |

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

Monroe & Corie, Inc. subcontracted Terracon to perform wetlands delineations for the off-system bridge contract for LADOTD. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation of the 0.536-acre site within the project area of a proposed bridge replacement located on Cleve Kennedy Road in Franklinton, Washington Parish, Louisiana. Topographic maps, National Wetland Inventory maps, aerial photographs, soil data from the Natural Resources Conservation Service, as well as flood insurance maps were reviewed prior to conducting the field delineations as background research. The area adjoining the creek was surveyed for possible wetlands using soil sampling and vegetation surveys, however no additional wetland areas (other than the creek itself) were identified. Terracon recommended consultation with the USACE for review and verification of the WOTUS Delineation to obtain an Approved Jurisdictional Determination (AJD) Request.



Key Members: Jim Baxter and Melissa Savoy



SECTION

18



MONROE & CORIE, INC.
CONSULTING ENGINEERS

18. Approach and Methodology:

Understanding the Project Scope

This project consists of replacing a two span bridge with timber piles that is 39' long and 20' wide on North Achord Road over Drainage Bayou in Parish in East Baton Rouge Parish. **Monroe & Corie, Inc. (MCI)** approaches OSBR projects thoughtfully, applying only when confident they are well-suited to meet the needs of a specific site. It is important to note that the 25 year design flow for this site is only 562 CFS making it very suitable as a Reinforced Concrete Box (RCB) Culvert replacement. In recent years, the City of Baton Rouge has requested that RCB culverts be used wherever possible. There is no visible evidence of sanitary sewers around the bridge and the EBR EBROSCO maps confirm this making the RCB Culvert a very desirable replacement.

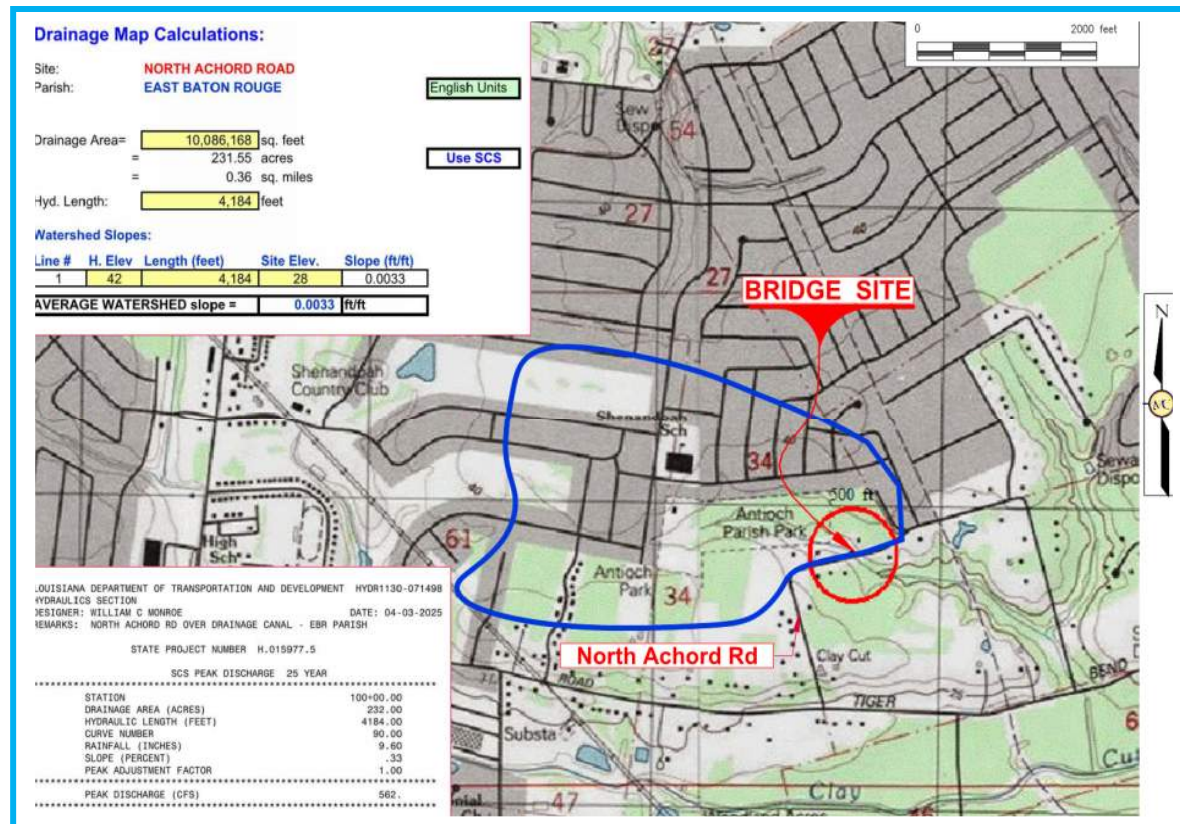
The advantages of box culverts include their cost-effectiveness, ease of installation, and ability to handle a variety of soil conditions. They provide efficient water flow management and are often more suitable for smaller waterways compared to traditional bridges and are usually installed much quicker than a bridge alternate.

The key to a successful project is based on a thorough understanding of the hydraulics at the bridge site. The firm is very proud of the reputation it has established with the LADOTD hydraulics department.

The most relevant historical data for flood analysis includes past flood event records, peak discharge measurements, rainfall intensity and duration data, river stage data, and information on floodplain topography. Additionally, local knowledge of land use changes, and previous flood impacts on infrastructure can provide valuable insights for predicting future flood behavior.

Other hydrological factors including watershed characteristics, rainfall and runoff patterns, flood frequency analysis and potential changes in land use allow the team of **MCI** with valuable local experience to ensure for well-designed bridge replacement.

The survey and design for this site closely aligns with the team's successful completion of similar projects across the state, including the project in the last OSBR cycle that was one of the first to be completed.



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 existing road Right-of-Way (R/W). This site is located on a rural road with a known R/W width of 65' based on the official EBR Assessor Geoportal map. 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.

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 field roll drawing 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 as requested by the LADOTD OSBR Guidelines. The base R/W Map shall be prepared in accordance with all principles and objectives set forth in the latest issue of LADOT's Location and Survey Manual Addendum "A". This submittal shall be furnished at the 60% completion phase of the project for review.

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 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 232 acres with a hydraulic slope of 0.33%. Since the drainage area is less than 2000 acres, the SCS Method utilizing LADODT published rainfall data (9.6") was used to determine the 25 YR Design flow 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: 04-03-2025
REMARKS: NORTH ACHORD RD OVER DRAINAGE CANAL - EBR PARISH

STATE PROJECT NUMBER H.015977.5

SCS PEAK DISCHARGE 25 YEAR

| | |
|-------------------------|-----------|
| STATION | 100+00.00 |
| DRAINAGE AREA (ACRES) | 232.00 |
| HYDRAULIC LENGTH (FEET) | 4184.00 |
| CURVE NUMBER | 90.00 |
| RAINFALL (INCHES) | 9.60 |
| SLOPE (PERCENT) | .33 |
| PEAK ADJUSTMENT FACTOR | 1.00 |

| | |
|----------------------|------|
| PEAK DISCHARGE (CFS) | 562. |
|----------------------|------|

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 500 year event or the 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 footprint will be given to the Wetland Consultant to begin their work.

Wetland Delineations: (Evaluation Discipline: Environmental)

Terracon Consultants, Inc. (TERRACON) who have 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 sent 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:

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 Replacement Project on North Achord Road in East Baton Rouge Parish.

The **MCI Team** has the manpower to begin work immediately and successfully complete this project in a timely manner.

PROGRESS SCHEDULE
(Per Off-System Bridge Program Guidelines)

| PRELIMINARY PLANS | | | | | | | | | | | | |
|---|--------|------|------|-----|---|-----|----|---|---|----|----|----|
| TASK | MONTHS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Stage 3, Part I (a): | | | | | | | | | | | | |
| Topographic Survey | | | | | | | | | | | | |
| DOTD Review | | XX | | | | | | | | | | |
| Stage 3, Part III: | | | | | | | | | | | | |
| Hydraulics & 50% Drawings | | | | | | | | | | | | |
| DOTD Review | | | | XXX | | | | | | | | |
| Design Criteria & Preliminary Plan submittal | | | | | | | | | | | | |
| Constructability Review Form | | | | | | | | | | | | |
| Mail SOVs | | | | | | | | | | | | |
| DOTD Review & Field Review Scheduling | | | | | | XXX | X | | | | | |
| Plan-in-Hand Field Review | | | | | | | | | | | | |
| DOTD Review | | | | | | | XX | | | | | |
| Revise Post PIH Plans | | | | | | | | | | | | |
| Design Report & Design Exception Request | | | | | | | | | | | | |
| Right-of Way MAPS | | | | | | | | | | | | |
| Environmental submittal: | | | | | | | | | | | | |
| SOV Coordination | | | | | | | | | | | | |
| USCE Permit drawings | | | | | | | | | | | | |
| Wetland Delineation | | | | | | | | | | | | |
| Note: The review time for the DOTD Environmental Clearance varies and affects the issuance of the Supplemental Contract for Final Plans | | | | | | | | | | | | |
| FINAL PLANS | | | | | | | | | | | | |
| TASK | MONTHS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Stage 3, Part IV: | | | | | | | | | | | | |
| ACP plans including SEQ and Standards | | | | | | | | | | | | |
| Pile Info. for Bridge Design (if applicable) | | | | | | | | | | | | |
| DOTD Pile Length Review | XXX | XXXX | | | | | | | | | | |
| DOTD Review of Plans | | | XXXX | X | | | | | | | | |
| Final Tracings Submittal | | | | | | | | | | | | |



SECTIONS 19-20

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.

| Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE | Discipline(s) * | Contract Number and State Project Number | Project Name | Remaining Unpaid Balance |
|--|--------------------|---|---|--------------------------------|
| Monroe & Corie, Inc. | Bridge | 4400019863 H.014983 | Rapides Wayne Headrick over Little Indian | 23,132 |
| Monroe & Corie, Inc. | Bridge | 4400019867 H.014322 | EBR Centurion over Drainage Bayou | 2,607 |
| Monroe & Corie, Inc. | Bridge | 4400009633 H.011067 | Westdale Plantation Road Bridge -EWL | 6,903 |
| Monroe & Corie, Inc. | Bridge | 4400024584 H.014979 | Acadia Airport Road over Unnamed Canal | 2,434 |
| Monroe & Corie, Inc. | Bridge | 4400019863 H.014255 | Rapides Beeson Road over Flagon | 965 |
| Monroe & Corie, Inc. | Bridge | 4400019555 H.014320 | EBR Van Buren Bridge over Corporation | N/A |
| Monroe & Corie, Inc. | Bridge | 4400025038 H.015012 | Washington Cleve Kennedy over Morgan | N/A |
| Monroe & Corie, Inc. | Bridge | 4400024612 H.014985 | Avoyelles Spring Bayou Rd. over Spring | N/A |
| Monroe & Corie, Inc. | Bridge | 4400024590 H.014991 | EBR East State Street over Corporation | N/A |
| LandSource, Inc. | Survey | None | None | N/A |
| Terracon Consultants, Inc. | Environmental | 4400012893 H.004273.5 | Lafayette Urban Section Phase II ESA, Lafayette Parish | 16,167 |
| Terracon Consultants, Inc. | Geotech | 4400019014 H.002868 | I-49 Frontage Road Bridges PDA Testing | 157,258 |
| Terracon Consultants, Inc. | Geotech | 4400025027 H.015442 | IIJA Off System Bridge Program | 24,575 |
| Terracon Consultants, Inc. | Geotech | 4400025023 H.015335 | IIJA Off System Bridge Program | 127,717 |
| Terracon Consultants, Inc. | Geotech | 4400025026 H.015338 | IIJA Off System Bridge Program | 97,725 |
| Terracon Consultants, Inc. | Geotech | 4400025024 H.015518 | IIJA Off System Bridge Program | 171,105 |
| Terracon Consultants, Inc. | Geotech | 4400006191 H.005967 | Nelson Road Extension and Bridge | 193,187 |
| Terracon Consultants, Inc. | Geotech | 4400019014 H.012048 | Caster Creek and Relief Bridges | 187,997 |
| Terracon Consultants, Inc. | Geotech | 4400019014 H.012537 | LA 154, LA 157 – Red Chute BYU & Flat | 25,891 |
| Terracon Consultants, Inc. | Geotech | 4400019014 H.014984 | Libuse Cutoff Road over Flagon Bayou | 41,494 |
| Terracon Consultants, Inc. | Geotech | 4400024651 H.014988 | Carey Road over Blackwater Bayou | 51,365 |

20. Certifications/Licenses:

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



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

William Monroe
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

8/5/2022 to 8/5/2026
Training Valid Through

Baton Rouge, LA
Location


Director of Training

President, CEO

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



American Traffic Safety Services Association ATSSA.com



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| Name | Type | City | Status |
|------------------|----------------------|-------------|--------|
| LANDSOURCE, INC. | Business Corporation | BATON ROUGE | Active |

Previous Names

Business: LANDSOURCE, INC.
 Charter Number: 34514462D
 Registration Date: 12/29/1995

Domicile Address

6730 EXCHEQUER DR.
 BATON ROUGE, LA 70809

Mailing Address

C/O DAVID L. PATTERSON
 6730 EXCHEQUER DR.
 BATON ROUGE, LA 70809

Principal Office Address

6730 EXCHEQUER DR.
 BATON ROUGE, LA 70809

Status

Status: **Active**
 Annual Report Status: **In Good Standing**
 File Date: 12/29/1995
 Last Report Filed: 12/4/2024
 Type: Business Corporation

Registered Agent(s)

Agent: DAVID L. PATTERSON
 Address 1: 6730 EXCHEQUER DR.
 City, State, Zip: BATON ROUGE, LA 70809
 Appointment Date: 12/17/2003

Officer(s)

Additional Officers: No

Officer: SANDRA WILEY
 Title: Treasurer
 Address 1: 6730 EXCHEQUER DR.
 City, State, Zip: BATON ROUGE, LA 70809
 Officer: SUSAN B. PATTERSON



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| Name | Type | City | Status |
|----------------------------|--------------------------------------|------------|--------|
| TERRACON CONSULTANTS, INC. | Business Corporation (Non-Louisiana) | WILMINGTON | Active |

Previous Names

Business: TERRACON CONSULTANTS, INC.
 Charter Number: 35701137F
 Registration Date: 5/7/2004

Domicile Address

251 LITTLE FALLS DRIVE
 WILMINGTON, DE 19808

Mailing Address

10841 S RIDGEVIEW ROAD
 OLATHE, KS 66061

Principal Business Office

10841 S RIDGEVIEW ROAD
 OLATHE, KS 66061

Registered Office in Louisiana

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

Principal Business Establishment in Louisiana

2822 O'NEAL LANE
 BLDG B
 BATON ROUGE, LA 70816

Status

Status: **Active**
 Annual Report Status: **In Good Standing**
 Qualified: 5/7/2004
 Last Report Filed: 4/10/2024
 Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent: CORPORATION SERVICE COMPANY
 Address 1: 450 LAUREL STREET, 8TH FLOOR
 City, State, Zip: BATON ROUGE, LA 70801
 Appointment Date: 7/27/2009



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| Name | Type | City | Status |
|----------------------|----------------------|-------------|--------|
| MONROE & CORIE, INC. | Business Corporation | BATON ROUGE | Active |

Previous Names

MONROE AND ASSOCIATES, INC., W. C. (Changed: 1/26/1998)

Business: MONROE & CORIE, INC.

Charter Number: 31529730D

Registration Date: 8/26/1976

Domicile Address

11325 PENNYWOOD AVE.
BATON ROUGE, LA 708094171

Mailing Address

C/O WILLIAM CHARLES MONROE
11325 PENNYWOOD AVE.
BATON ROUGE, LA 708094171

Principal Office Address

11325 PENNYWOOD AVE.
BATON ROUGE, LA 708094171

Status

Status: Active

Annual Report Status: In Good Standing

File Date: 8/26/1976

Last Report Filed: 7/30/2024

Type: Business Corporation

Registered Agent(s)

Agent: CRAIG HARLEY CORIE
Address 1: 16816 SHADY ARBOR LANE
City, State, Zip: BATON ROUGE, LA 70817
Appointment Date: 7/31/1998

Agent: WILLIAM CHARLES MONROE
Address 1: 7015 CHANDLER DRIVE
City, State, Zip: BATON ROUGE, LA 70808
Appointment Date: 8/26/1976



SECTION

21-23

21. QA/QC Plan:

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



POLICY ON QUALITY CONTROL AND QUALITY ASSURANCE

Specifically prepared for: NORTH ACHORD RD OVER DRAINAGE BAYOU

SPN H.015977.5 – Contract No. 4400030644 – EAST BATON ROUGE 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.

| ADMINISTRATIVE: | | PREPARED BY: | CHECKED BY: |
|---|--|--------------|-------------|
| EXECUTE AND DELIVER LEGAL CONTRACT | | WCM | CHC |
| SET UP PROJECT FILES | | THS | WCM |
| CREATE VICINTY MAP | | SAV | WCM |
| PREPARE AND MAIL OUT HYDRAULIC REPORT SOV SUBMITTAL | | THS | WCM |
| | | | |

| SURVEY SUBMITTAL: | | | PREPARED BY: | CHECKED BY: |
|--|-----------------|-----|--------------|-------------|
| COORDINATE SITE VISIT WITH PARISH AND CONFIRM BRIDGE LOCATION | WCM | CHC | | |
| COORDINATE THE LOUISIANA ONE CALL – UTILITY LOCATION | WCM | CHC | | |
| COORDINATE CREATION OF CENTERLINE ALIGNMENT | WCM | CHC | | |
| COORDINATE CREATION OF FIELD WORK SURVEY CAD DRAWING | WCM | CHC | | |
| CHECK & CONFIRM FIELD BOOK CROSS SECTION DATA AND LEVEL LOOP ELEVATIONS | 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 | | |
| CREATE BRIDGE PHOTOGRAPH EXHIBITS AND PRINT TWO COPIES | THS | WCM | | |
| PREPARE SURVEY COVER EXHIBIT WITH SELECTED BRIDGE PHOTOGRAPH & PRINT | WCM | CHC | | |
| 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 | | |

| HYDRAULIC AND SCOUR REPORT SUBMITTAL: | | | 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:

▪ Pre Plan in Hand

| | PREPARED BY: | CHECKED BY: |
|--|-----------------|-------------|
| 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 AND RIPRAP 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 MAPS:PREPARED
BY:

CHECKED BY:

PREPARE 60% BASE MAP

SAV

WCM

CREATE FINAL RIGHT-OF-WAY MAPS IN ACCORDANCE "SURVEY MANUAL ADDENDUM A"

SAV

WCM

CREATE RIGHT-OF-WAY AGREEMENTS TO FACILITATE RIGHT-OF-WAY ACQUISITION

SAV

WCM

MAKE ONE REPRODUCIBLE COPY (FULL SIZE) OF PLAN AND PROFILE DRAWING (POST PIH)
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

PROVIDE WETLANDS FINDINGS TO ARMY CORP. OF ENGINEERS – COORDINATE PJD

THS

WCM

SEND PRELIMINARY JURISDICTION DETERMINATION TO LADOTD PROJECT MANAGER

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 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.

| Firm Name (Name must match <u>exactly</u> as registered with Louisiana’s Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>) | Address | Point of Contact and email address | Phone Number |
|--|--|---|---------------------|
| LANDSOURCE, Inc. | 6730 Exchequer Dr., Baton Rouge, LA 70809 | David L. Patterson, P.L.S., patterson@landsource.com | (225) 752-0995 |
| Terracon Consultants, Inc. | 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 (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement.**