

DOTD FORM: 24-102


PROPOSAL TO PROVIDE CONSULTANT SERVICES


(Revised March 1, 2022)

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

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

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

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| 1. Contract title as shown in the advertisement | Contract for Off System Highway Bridge Program AIRPORT ROAD over UNNAMED CANAL – Acadia Parish |
| 2. Contract number(s) as shown in the advertisement | 4400024584 |
| 3. State Project Number(s), if shown in the advertisement | H.014979.5 |
| 4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law) |  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., CEO (225)293-1905 wcm@monroecorie.com |
| 9. Name, title, phone number, and email address of the official with signing authority for this proposal | William C. Monroe, P.E., CEO (225)293-1905 wcm@monroecorie.com |

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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>Signature (shall be the same person as #9):</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>Date: July 26, 2022</p> <p>Firm(s): Firm(s)' %:</p> |

12. Past Performance Evaluation Discipline Table:

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

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

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

13. Firm Size:

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

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

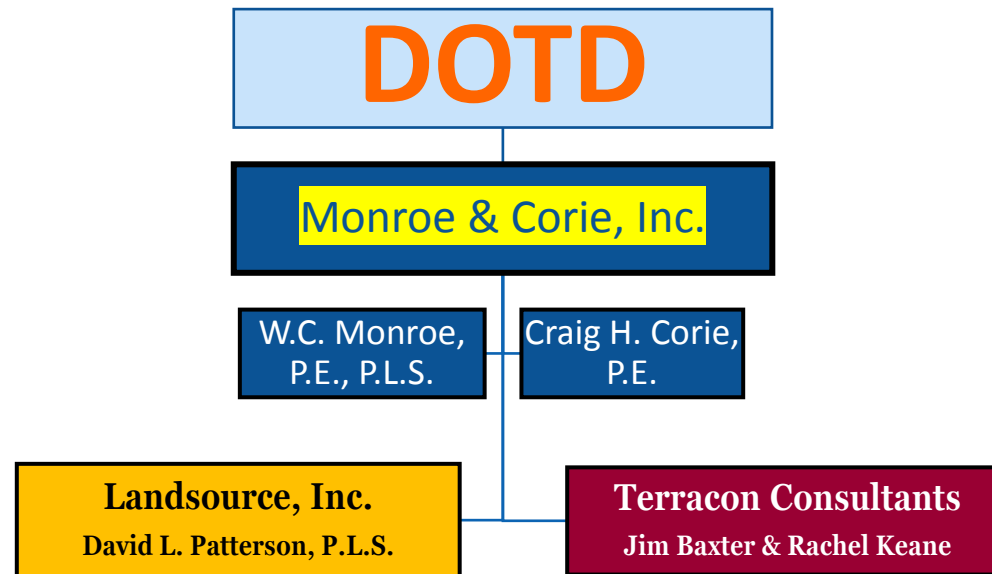
| Firm name | DOTD Job Classification | Number of personnel committed to this contract | Total number of personnel available in this DOTD Job Classification (if needed) |
|----------------------|-------------------------|--|---|
| MONROE & CORIE, INC. | ENGINEER | 2 | 2 |
| MONROE & CORIE, INC. | SENIOR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

(Add rows as needed)

14. Organizational Chart:

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

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.

| MPR No. Do not insert wording from ad | Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement) | Firm employed by | Type of license / certification & number | State of license | License / certification expiration date |
|--|---|----------------------------|--|------------------------|--|
| 1 | W.C. Monroe, P.E., P.L.S. | Monroe & Corie, Inc. | P.E./ 0013691 | LA | 03/31/24 |
| 2 | Craig H. Corie, P.E. | Monroe & Corie, Inc. | P.E./ 0027447 | LA | 09/30/23 |
| 3 | W.C. Monroe, P.E., P.L.S. | Monroe & Corie, Inc. | P.E./0013691 | LA | 03/31/24 |
| 4 | W.C. Monroe, P.E., P.L.S. | Monroe & Corie, Inc. | P.L.S./0004483 | LA | 09/30/22 |
| 4 | David Patterson, P.L.S. | Landsource, Inc. | P.L.S./0004784 | LA | 03/31/23 |
| 5 | Jim Baxter | Terracon Consultants, Inc. | N/A | N/A | N/A |
| 5 | Rachel Keane | Terracon Consultants, Inc. | N/A | N/A | N/A |
| | | | | | |

(Add rows as needed)

16. Staff Experience:


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

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|--|--|---|---|----|
| Firm employed by  MONROE & CORIE, INC. CONSULTING ENGINEERS | | | | |
| Name | Craig H. Corie, P. E. | | Years of relevant experience with this employer | 24 |
| Title | Principal & President | | Years of relevant experience with other employer(s) | 5 |
| Degree(s) / Years / Specialization | | Bachelor of Science – Louisiana State University/ 1992/ Civil Engineering | | |
| Active registration number / state / expiration date | | 27447 / Louisiana / September 30, 2023 | | |
| Year registered | 1997 | Discipline | Civil Engineering | |
| Contract role(s) / brief description of responsibilities | | Drainage Maps and Bridge Design | | |
| 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). | | | |
| 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, Preliminary and Final plan preparation, drainage maps, hydraulic analysis and bid quantities. | | | |
| 10/13-02/17 | LA DOTD Off System Bridge Replacement Project SPN H.010596, in West Feliciana Parish, two sites. Responsible for drainage maps, hydraulic analysis and Quality Assurance/Quality Control (QA/QC) review. | | | |
| 09/13-10/17 | LA DOTD Off System Bridge Replacement Project SPN H.010150, in Acadia Parish, two sites. Responsible for drainage maps, hydraulic analysis and Quality Assurance/Quality Control (QA/QC) review. | | | |

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

16. Staff Experience:

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

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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 | 44 |
| Title | C.E.O. | | Years of relevant experience with other employer(s) | 8 |
| Degree(s) / Years / Specialization | | Bachelor of Science – Louisiana State University/ 1968, 1972/ Mechanical Engineering, Civil Engineering | | |
| Active registration number / state / expiration date | | 13691/ Louisiana / March 31, 2024 | | |
| Year registered | 1973/1974 | Discipline | Mechanical/Civil Engineering | |
| Contract role(s) / brief description of responsibilities | | Lead Project Manager and Engineer | | |
| 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). | | | |
| 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 | | | |
| 10/13 – 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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| 12/10 - 10/12 | Surveyor and Lead Designer, SPN H.016062, Catahoula Parish, one Off System Bridge Replacement site |
| 10/10 - 07/12 | Surveyor and Lead Designer, SPN H.016141, Jefferson Davis Parish, one Off System Bridge Replacement site |
| 01/10 - 04/12 | Surveyor and Lead Designer, SPN 700-46-0107, St. Helena Parish, one Off System Bridge Replacement site |
| 06/09 - 09/11 | Surveyor and Lead Designer, SPN 700-37-0132, Ouachita Parish, one Off System Bridge Replacement site |
| 09/08 - 08/09 | Surveyor and Lead Designer, SPN 700-33-0110, Madison Parish, one Off System Bridge Replacement site |
| 11/06 - 10/10 | Surveyor and Lead Designer, SPN 700-01-0115, Acadia Parish, five Off System Bridge Replacement sites |
| 08/06 - 04/10 | Surveyor and Lead Designer, SPN 700-42-0111, Richland Parish, five Off System Bridge Replacement site |
| 07/06 - 12/09 | Surveyor and Lead Designer, SPN 700-30-0317, LaSalle Parish, four Off System Bridge Replacement sites |
| 01/06 - 10/07 | Surveyor and Lead Designer, SPN 700-24-0107, Iberville Parish, one Off System Bridge Replacement site |
| 12/05 - 11/09 | Surveyor and Lead Designer, SPN 700-35-0135, Natchitoches Parish, seven Off System Bridge Replacement sites |
| 08/05 - 01/09 | Surveyor and Lead Designer, SPN 700-01-0113, Acadia Parish, four Off System Bridge Replacement sites |
| 11/04 - 12/08 | Surveyor and Lead Designer, SPN 700-53-0121, Tangipahoa Parish, four Off System Bridge Replacement sites |
| 12/02 - 04/06 | Surveyor and Lead Designer, SPN 700-49-0120, St Landry, four Off System Bridge Replacement sites |
| 07/02 - 09/05 | Surveyor and Lead Designer, SPN 700-30-0315, LaSalle Parish, seven Off System Bridge Replacement sites |
| 06/02 - 07/05 | Surveyor and Lead Designer, SPN 700-35-0132, Natchitoches Parish, four Off System Bridge Replacement sites |
| 02/02 - 06/05 | Surveyor and Lead Designer, SPN 700-37-0121, Ouachita Parish, six Off System Bridge Replacement sites |
| 12/01 - 05/04 | Surveyor and Lead Designer, SPN 700-22-0112, Grant Parish, four Off System Bridge Replacement sites |
| 11/01 - 02/04 | Surveyor and Lead Designer, SPN 700-20-0108, St. Landry Parish, four Off System Bridge Replacement sites |
| 10/01 - 12/05 | Surveyor and Lead Designer, SPN 700-23-0209, Iberia Parish, one Off System Bridge Replacement site |
| 09/00 - 03/03 | Surveyor and Lead Designer, SPN 700-53-0115, Tangipahoa Parish, five Off System Bridge Replacement sites |
| 11/00 - 07/02 | Surveyor and Lead Designer, SPN 700-19-0106, East Feliciana Parish, one Off System Bridge Replacement site |
| 12/00 - 08/01 | Surveyor and Lead Designer, SPN 700-19-0112, Jefferson Davis Parish, two Off System Bridge Replacement sites |
| 11/00 - 10/02 | Surveyor and Lead Designer, SPN 700-49-0113, St. Landry Parish, two Off System Bridge Replacement sites |
| 10/99 - 01/01 | Surveyor and Lead Designer, SPN 700-58-0112, Vernon Parish, seven Off System Bridge Replacement sites |
| 01/99 - 08/02 | Surveyor and Lead Designer, SPN 700-20-0107, Evangeline Parish, three Off System Bridge Replacement sites |
| 04/99 - 02/01 | Surveyor and Lead Designer, SPN 700-53-0107, Tangipahoa Parish, two Off System Bridge Replacement sites |
| 03/97 - 10/99 | Surveyor and Lead Designer, SPN 700-35-0113, Natchitoches Parish, five Off System Bridge Replacement sites |
| 03/98 - 11/01 | Surveyor and Lead Designer, SPN 700-20-0106, Evangeline Parish, eight Off System Bridge Replacement sites |
| 11/95 - 07/97 | Surveyor and Lead Designer, SPN 700-30-41, Rapides Parish, three Off System Bridge Replacement sites |
| 05/92 - 04/96 | Surveyor and Lead Designer, SPN 700-30-39, Livingston Parish, three Off System Bridge Replacement sites |
| 07/91 - 06/95 | Surveyor and Lead Designer, SPN 700-28-62, East Feliciana Parish, two Off System Bridge Replacement sites |
| 09/90 - 06/94 | Surveyor and Lead Designer, SPN 700-29-12, LaSalle Parish, two Off System Bridge Replacement sites |

(Add rows as needed)

16. Staff Experience:

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

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

Prime consultant name: **Monroe & Corie, Inc.**

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| | Senior Project Reviewer. Terracon conducted a wetland delineation for the Red Cut Road Bridge traversing Watson Branch south of West Monroe, LA. The proposed project included design/construction of a replacement bridge structure with a similar alignment to the previous bridge. |
| 07/19 – 03/20 3,300 EH197113 | H.013163 Wadesboro Road over Unnamed Creek, Tangipahoa Parish, LA, DOTD Senior Project Reviewer. Terracon conducted a site visit at the Wadesboro Road Bridge for proposed replacement of the 29.7-foot-long timber bridge, a project located within the Pontchartrain River Basin in the Lake Maurepas Watershed. Terracon subsequently prepared a Waters of the US (WOUS) Delineation report based on site conditions. The delineation was conducted in general accordance with the 1987 US Army Corps of Engineers (USACE) Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0, 2010), and the Louisiana Department of Transportation and Development (DOTD) guidelines. |
| 05/22 – 06/22 EH227087 | SP H.014270, Lefort Bypass Road OSB, Thibodaux, LA, DOTD Senior Ecologist. Terracon prepared a Waters of the US (WOUS) Delineation report based upon findings obtained during field delineation. Terracon recommended consultation with the USACE to determine the appropriate Nationwide Permitting action and for a jurisdictional determination of the identified waters, and for potential permit issuance prior to initiating construction activities for this project. |
| 02/22 – 04/22 ET217380 | After the Fact Permitting – McComb Substation, LaPlace, LA, Illinois Central RR Senior Project Reviewer. Terracon performed a preliminary WOUS delineation on the approximately 37.03-acre site to characterize the existing site conditions, observe the site for the presence of WOTUS, including wetlands, provide an opinion regarding whether or not WOTUS (if observed) would be considered jurisdictional by the United States Army Corps of Engineers (USACE). Additionally, at the time of the WOTUS delineations, Terracon sought to identify (if observed) any impact from emergency repair operations from Hurricane Ida. |
| 10/18 – 02/19 | City Parish Project No. 16-BR-US-0019, Port Hickey Road Bridge over Drainage Bayou, E. Baton Rouge Parish, LA Senior Project Reviewer. Provided environmental wetlands services including Cultural and Historical Sensitivity of the Property (Section 106 Environmental Review). |

Prime consultant name: **Monroe & Corie, Inc.**

16. Staff Experience:

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

Prime consultant name: **Monroe & Corie, Inc.**


16. Staff Experience:

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

| | | | |
|--|--|--|---|
| Firm employed by LandSource, Inc. | | | |
| Name | David L. Patterson | | Years of relevant experience with this employer |
| Title | President | | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization | | Louisiana State University, B.S., 4 yr., Construction Technology | |
| Active registration number / state / expiration date | | License No.: 4784 / LA / 3/31/2023 | |
| Year registered | 1996 | 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. | |
| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s). | | |
| 2021 | S.P. No. H.014318 Site 1, Off-System Highway Bridge Program, East Baton Rouge Parish. Responsibilities included topographic survey to replace one bridge. (2021) | | |
| 2021 | S.P. No. H.014318 Site 2, Off-System Highway Bridge Program, Rapides Parish. Responsibilities included topographic survey to replace two bridges. (2021) | | |
| 2020 | S.P. No. H.014223, Off-System Highway Bridge Program, Vermillion Parish. Responsibilities included topographic survey to replace one bridge. (2020) | | |
| 2020 | S.P. No. H.014261, Off-System Highway Bridge Program, Rapides Parish. Responsibilities included topographic survey to replace two bridges. (2020) | | |
| 2014 | S.P. No. H.010626.5, Off-System Highway Bridge Program, Jefferson Parish. Responsibilities included topographic survey to replace one bridge. (2014) | | |
| 2013 | S.P. No. H.010597.5, Off-System Highway Bridge Program, West Feliciana Parish. Responsibilities included topographic survey to replace two bridges. (2013) | | |
| 2013 | S.P. No. H.010061.5 & H.010062.5, Off-System Highway Bridge Program, Tangipahoa Parish. Responsibilities included topographic survey to replace four bridges. (2013) | | |

17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.


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

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

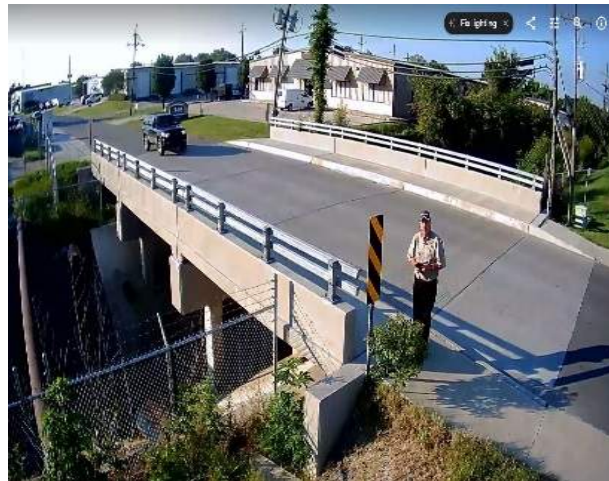
This OSBR project consisting of two bridges in TERREBONNE Parish was surveyed, designed and administered by the four key individuals currently employed by **MONROE & CORIE, INC.** as follows. Mr. Corie was responsible for the developing the Drainage Map and calculating the design flows for the new bridge.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



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


| | | | | | |
|---|--|---|--|-------------------------------------|--------------|
| Firm name |  MONROE & CORIE, INC. CONSULTING ENGINEERS | | Past Performance Evaluation Category(ies)* | 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 | 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) | 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.



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

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




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

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

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



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

| | | | | | |
|---|---|---|--|-------------------------------------|--------|
| Firm name |  MONROE & CORIE, INC. CONSULTING ENGINEERS | | Past Performance Evaluation Category(ies)* | | 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.




STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION & INFRASTRUCTURE

CONSULTANT TECHNICAL EVALUATION

TYPE OF WORK: Bridge Design

☒ Prime Consultant
 ☐ Sub Consultant

Consultant Name : Monroe & Corie, Inc.
 P.O. / Contract : 20000
 Project Number : H.010054.5
 Project Description : Two bridge replacement projects in Allen Parish.
 Type of Work : Bridge Design

Subject Rated : Final Plans (Tracings)
 Rated By : PENTEK, GARY CHARLES
 Approved By : D'Andrea, Artur
 Comments : Great firm to work on your projects.

Rating Score : 5.0
Rating Score Summary :
 Bridge Design : 5.0

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

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

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

Key Personnel: David Patterson

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

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

Key Personnel: David Patterson

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

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

Key Personnel: David Patterson

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|---|---|---|--|---------------|
| Firm name | Terracon Consultants, Inc. | | Past Performance Evaluation Discipline(s)* | Environmental |
| Project name | OSB Ouachita Parish – Red Cut Road Bridge (over Watson Branch) | | Firm responsibility (prime or sub?) | Sub |
| Project number | SP H.013130 | Owner's name | Louisiana Department of Transportation and Development | |
| Project location | Ouachita Parish | | Owner's Project Manager | Noel Ardoin |
| Owner's address, phone, email | 1201 Capital Access Road, Baton Rouge, LA, 70802, 225-242-4201 Noel.Ardoin@la.gov | | | |
| Services commenced by this firm (mm/yy) | 07/19 | Total consultant contract cost (\$1,000's) | | \$NA |
| Services completed by this firm (mm/yy) | 12/19 | Cost of consultant services provided by this firm (\$1,000's) | | \$3.2 |

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

Terracon was subcontracted by Monroe & Corie to perform wetlands delineations for the off-system bridge contract for LADOTD. Terracon performed a WOUS delineation at the Red Cut Road Bridge Over Watson Branch project. The delineation included a site reconnaissance, desktop pre-screening to identify potential wetland and water features, and federal regulatory review, followed by a field delineation.

Key Members: Jim Baxter



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

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

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

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

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



Key Members: Jim Baxter

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

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

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

Key Members: Jim Baxter



18. Approach and Methodology:

Understanding the Project Scope

This project consists of replacing a two span timber bridge that is 32' long and 18' wide on Airport Road over Coulee Triet in a very rural area of Acadia Parish. The scope of work for this project is identical to the numerous projects that we have successfully completed since 1979.

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 Dottie One Call for marking the location of existing utilities. We will also meet with a Road & Bridge supervisor for the Parish to confirm the bridge site and request specific information about the site. We have a "punch list" of items that are discussed including whether the road and bridge over hydraulic "over topped" and the degree and frequency of this event. This information is important during the preparation of the Hydraulic Report for the replacement structure type.

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

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

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



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

The topographic survey will include the establishment of a road centerline alignment and complete terrain coverage including creek cross sections taken at a minimum of 15' and 150' upstream and downstream of the bridge. Four iron pipes set in concrete will be established to be used as temporary benchmarks (TBMs). During construction, two TBMs will be located approximately 50' from each end of the bridge.

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. The Survey Submittal Package will include the aforementioned drawings for LADOTD review along with two listings of the field nodes - one sorted by point number and the other by station-offset. Two sets of photographs taken at the bridge site are included.

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 will be utilized to download the newly available Watershed Boundary Dataset (WBD) to overlay on the USGS QUAD to easily determine the area of the watershed of the subject bridge and allow for preparing the Drainage Map to be used in the required Hydraulic Report. This drainage area will be used to determine the design flows. If the drainage area is 2000 acres or more, the USGS Method utilizing an isohyetal line map for its mean annual rainfall data will be used. Otherwise the Natural Resources Conservation Service (NRCS) Method using Soil Groups and the Hydrologic Classification of Soil to determine the proper Runoff Curve Number (CN) will be used to determine the design flows based on the LADOTD 24-Hour Rainfall Frequency Maps and I-D-F Curves.

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. The computation of scour at bridges within HEC-RAS is based upon the methods outlined in Hydraulic Engineering Circular No. 18 (FHWA, 2001). This circular presents the data input required for computing contraction scour and local scour at piers and abutments. In general, the design event for a scour analysis is usually the 100 year event, or overtopping flow.

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 the proposed design. After any changes are added to the Post PIH plans, the proposed foot-print will be given to the Wetland Consultant to begin their work.

Wetland Delineations: *(Evaluation Discipline: Environmental)*

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

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

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

The final Design Report will be submitted with the Post PIH comments and Final Plan production will begin after the receipt of a Notice to Proceed (NTP) from the Project Manager (PM). The soil boring locations will be added to the plans and the Pile Bent Loading (in Tons) will be submitted to the Geotechnical Group for pile length determination. 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.

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 sketches & legal agreements | | | | | | | | ■ | | | | |
| Environmental submittal: | | | | | | | | | | | | |
| SOV Coordination | | | | | | | ■ | ■ | ■ | ■ | | |
| USCE Permit drawings | | | | | | | | | ■ | | | |
| Wetland Delineation | | | | | | | ■ | ■ | ■ | | | |
| <i>Note: The review time for the DOTD Environmental Clearance varies and affects the issuance of the Supplemental Contract for Final Plans</i> | | | | | | | | | | | | |
| 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 | | | | ■ | ■ | | | | | | | |

19. Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

| Firm(s) | Past Performance Evaluation Discipline(s) * | State project number | Project name | Remaining Unpaid Balance** |
|----------------------|---|----------------------|--|----------------------------|
| Monroe & Corie, Inc. | Bridge | H.014255 | Beeson Road over Flagon Bayou Tributary – Rapides Parish | N/A |
| Monroe & Corie, Inc. | Bridge | H.014320 | Van Buren over Corporation Canal – East Baton Rouge Parish | N/A |
| Monroe & Corie, Inc. | Bridge | H.014322 | Centurion over Drainage Bayou – East Baton Rouge Parish | \$ 1,646 |
| Monroe & Corie, Inc. | Bridge | H.013955 | LA 961 Sandy Creek Bridge | \$225 |
| Monroe & Corie, Inc. | Bridge | H.013957 | Sligo Road over Walter Creek | \$ 1,127 |
| Monroe & Corie, Inc. | Bridge | H.013963 | LA 384 over Canal | \$484 |
| Monroe & Corie, Inc. | Bridge | H.013966 | LA 321 Creek Bridges | \$ 2,317 |
| Monroe & Corie, Inc. | Bridge | H.013968 | LA 404 over Bayou Black | \$ 1,108 |
| Monroe & Corie, Inc. | Bridge | H.013976 | LA 376 Bayou Bridges | \$ 1,714 |
| Monroe & Corie, Inc. | Bridge | H.013989 | Graybow Road over Palmetto Creek | \$ 2,253 |
| Monroe & Corie, Inc. | Other | H.014218 | LA 0002A: Thorny Branch & Indian Creek Bridges | \$ 1,420 |
| Monroe & Corie, Inc. | Other | H.014219 | LA 507: Creek Bridges Near Simsboro | \$ 2,857 |
| Monroe & Corie, Inc. | Other | H.014222 | LA 516: Poland Branch Bridge | 0 |
| Monroe & Corie, Inc. | Other | H.014255 | LA 528: Clarke Bayou Bridge | 0 |
| Monroe & Corie, Inc. | Other | H.014238 | LA 818: Barnet Springs & Creek Bridges | \$ 1,592 |
| Monroe & Corie, Inc. | Other | H.014239 | LA 589: Lyon Bayou Bridge | \$ 824 |
| Monroe & Corie, Inc. | Other | H.014264 | LA 556: Bridges near Choudrant | \$ 7,246 |
| Monroe & Corie, Inc. | Other | H.012061 | LA 1: BYU Moreay & Lateral W/5 #7A Bridges | 0 |
| Monroe & Corie, Inc. | Other | H.012891 | LA 300: Laloutre Bridge | 0 |
| Monroe & Corie, Inc. | Other | H.014213 | LA 700 : Indian Bayou and Grand Marais Bridge | 0 |
| Monroe & Corie, Inc. | Other | H.014215 | LA 20: 40 Arpent and Drain Canal Bridges | 0 |
| Monroe & Corie, Inc. | Other | H.014216 | LA 682 : Norris Canals and Creek Bridges | \$ 2,097 |

| | | | | |
|-------------------------|---------------|------------|---|------------|
| Monroe & Corie, Inc. | Other | H.014241 | LA 10: Mill Creek Bridge | 0 |
| Monroe & Corie, Inc. | Other | H.014251 | LA 422: Richland Creek and Stream Bridges | 0 |
| Monroe & Corie, Inc. | Other | H.014253 | LA 421: Thom Creek Bridge | 0 |
| Monroe & Corie, Inc. | Other | H.014257 | LA 68: Karrs Creek Bridge | 0 |
| Monroe & Corie, Inc. | Other | H.014276 | LA 975: Creek Bridges | 0 |
| Monroe & Corie, Inc. | Other | H.014278 | LA 85: Patout & Drain Canal Bridges | 0 |
| Monroe & Corie, Inc. | Other | H.014279 | LA 35: Drain Canal Bridge near Lawtell | 0 |
| LandSource, Inc. | Survey | H.001779 | Jimmie Davis Bridge – La 511 Soil Borings | \$18,478 |
| Terracon | Environmental | H.014270 | Lefort Bypass Road OSB | \$ 5,000 |
| Terracon | Environmental | H.004273.5 | Lafayette Urban Section (I-49 Lafayette Connector) Phase II ESA, Lafayette Parish | \$19,520 |
| Terracon | Geotechnical | H.005967 | Nelson Road Extension and Bridge | \$ 30,715 |
| Terracon | Geotechnical | H.012569 | Little Sugar Creek Bridge | \$ 10,345 |
| Terracon | Geotechnical | H.005121 | LA-1 and LA-415 Connector | \$ 2,242 |
| Terracon | Geotechnical | H.000385.5 | US190: L 415 & RR Overpass | \$ 1423 |
| Terracon | Geotechnical | H.011670 | Loyola Interchange Design - Build | \$ 310,418 |
| Terracon | Geotechnical | H.012033 | Cross Bayou and Caney Bayou | \$ 5,540 |
| Terracon | Geotechnical | H.002794.5 | LA 308 – Canal Bridges Near Larose | \$ 65,080 |
| Terracon | Geotechnical | H.011670 | Loyola Interchange Design- Build | \$ 47,463 |

(Add rows as needed)

DO NOT SUM

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

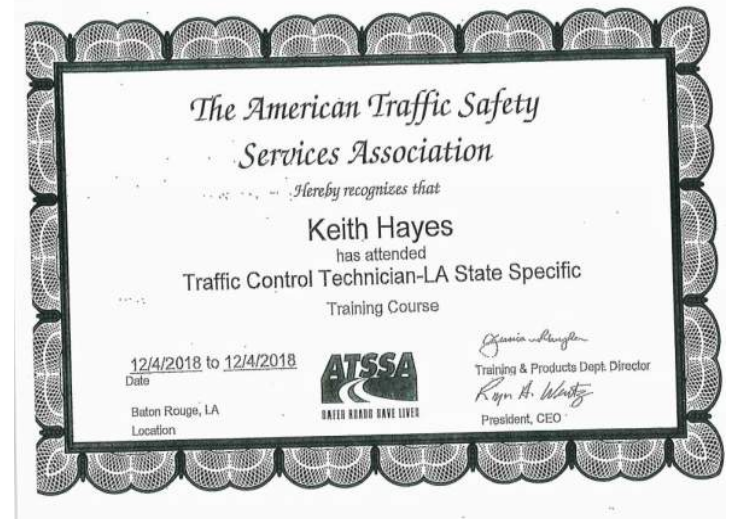
** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. LEAVING THE “REMAINING UNPAID BALANCE” COLUMN BLANK IS NOT ACCEPTABLE.

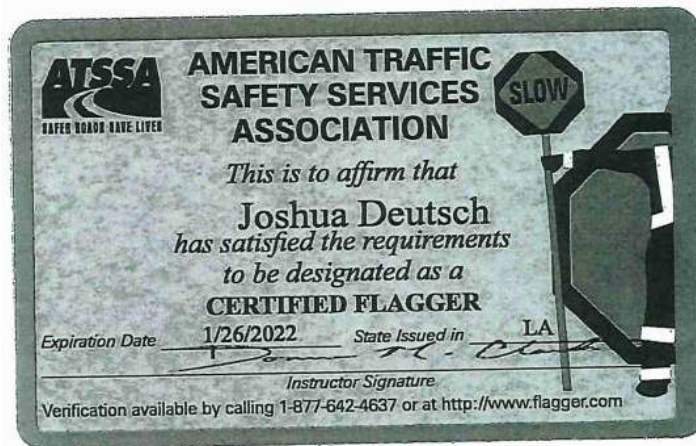
20. Certifications/Licenses:

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

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

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





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

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

POLICY ON QUALITY CONTROL AND QUALITY ASSURANCE

Specifically prepared for: **Airport Road over Unnamed Canal**

SPN H.014979.5 – Contract No. 4400024584– Acadia 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 |
| 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 |
| CREATE LISTING OF FIELD NODES – SORTED BY STATION-OFFSET AND PRINT | | THS | WCM |
| CREATE LISTING OF FIELD NODES – SORTED BY POINT NUMBER AND PRINT | | THS | WCM |
| COORDINATE CREATION OF PLAN VIEW | | WCM | CHC |
| COORDINATE CREATION OF PROFILE VIEW | | WCM | CHC |
| COORDINATE CREATION OF ROADWAY CROSS SECTION EXHIBITS AND PLOT HALF SIZE | | WCM | CHC |
| COORDINATE CREATION OF STREAM CROSS SECTION EXHIBITS AND PLOT HALF SIZE | | WCM | CHC |
| COORDINATE CREATION OF COMPLETE FIELD ROLL SHEETS AND PLOT FULL SIZE | | WCM | CHC |
| CREATE DRAINAGE MAP AND PRINT HALF SIZE | | CHC | WCM |
| PREPARE COMPLETE SURVEY SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS | | AS LISTED ABOVE | WCM |

| 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 TO THE ENVIRONMENTAL CONSULTANT | | SAV | WCM |
| UPON RECEIPT OF WETLANDS REPORT, REVIEW FINDINGS | | SAV | WCM |
| COORDINATE WETLAND FINDINGS WITH CORPS OF ENGINEER PERMIT EXHIBITS | | SAV | WCM |
| PREPARE WETLANDS SUBMITTAL PACKAGE WITH EXECUTED QC/QA FORMS (Including QC/QA forms from TERRACON, INC. – Sub Consultant) | | AS LISTED ABOVE | WCM |

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

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

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

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

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

▪ **Advance Check Prints Submittal:**

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

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

22. Sub-consultant information:

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

| Firm Name (as registered with Louisiana's Secretary of State) | 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 | 2822 O'Neal Lane – B, Baton Rouge, LA 70816 | D'Juana Beason, DJuana.Beason@terracon.com | (225) 614 0404 |
| | | | |

(Add rows as needed)

23. Location:

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