

DOTD FORM: 24-102


PROPOSAL TO PROVIDE CONSULTANT SERVICES

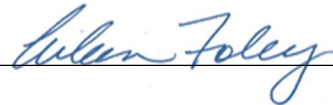
(Revised March 1, 2022)

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.)

1. Contract title as shown in the advertisement	Off System Highway Bridge Program Airport Rd Over Unnamed Canal
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)	TriCoeur Services, L.L.C. 
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#: 4660 VF#: 0653
6. Prime consultant mailing address	9270 Siegen Lane, Suite 501, Baton Rouge, LA 70810
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	9270 Siegen Lane, Suite 501, Baton Rouge, LA 70810
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Barry P. Gahagan, PE, PLS; Projects Principal Phone: 225-266-7507, E-Mail: BGahagan@TriCoeur.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Aileen Foley, Managing Principal Phone: 225-228-2681, Email: AFoley@TriCoeur.com

<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></p> <hr/> <p>Date: July 28, 2022</p>				
<p>11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.</p>	<table> <tr> <td><u>Firm(s):</u></td> <td><u>Firm(s)' %:</u></td> </tr> <tr> <td>N/A</td> <td></td> </tr> </table>	<u>Firm(s):</u>	<u>Firm(s)' %:</u>	N/A	
<u>Firm(s):</u>	<u>Firm(s)' %:</u>				
N/A					

12. Past Performance Evaluation Discipline Table:

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

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. The crosswalk from the old categories to the new categories can be found at the link below:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf.

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 prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percentage of the contract.

Evaluation Disciplines	% of Overall Contract	Prime TriCoeur Services, LLC	Firm B Civil Design & Construction, Inc.	Firm C ELOS Environmental Services, LLC		Each Discipline must total to 100%
Survey	28.1%	10%	90%	0%		100%
Bridge	63.3%	100%	0%	0%		100%
Environmental	8.6%	4%	0%	96%		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%	66.4%	25.3%	8.3%		

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

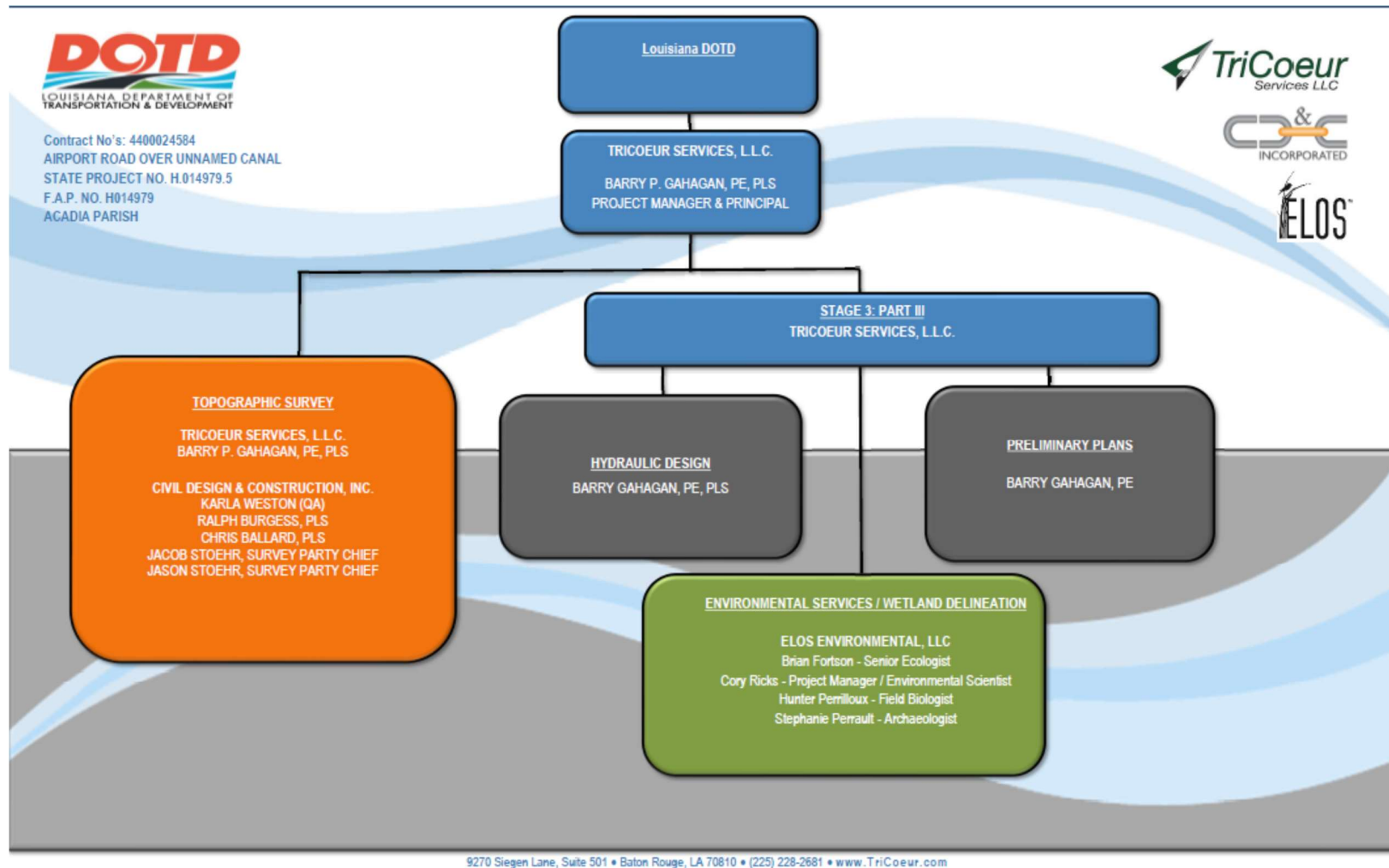
Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
TriCoeur Services, L.L.C.	Administrative	1	1
TriCoeur Services, L.L.C.	Principal	1	1
TriCoeur Services, L.L.C.	Engineer	1	2
TriCoeur Services, L.L.C.	CADD Technician	1	1
TriCoeur Services, L.L.C.	Engineer - Intern	1	1
Civil Design & Construction, Inc.	Surveyor	2	2
Civil Design & Construction, Inc.	Party Chief	2	5
Civil Design & Construction, Inc.	Instrument Man	2	2
Civil Design & Construction, Inc.	Rodman	2	3
Civil Design & Construction, Inc.	CADD Operator	1	1
Civil Design & Construction, Inc.	Senior Technician	3	5
ELOS Environmental, LLC	Biologist/Wetlands	2	10
ELOS Environmental, LLC	Environmental Professional	3	11
ELOS Environmental, LLC	Environmental Manager	1	2
ELOS Environmental, LLC	GIS Analyst	2	6

(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 or 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	Barry P Gahagan, PE	TriCoeur Services, LLC	PE /Civil 21586	LA	3/31/2024
2	Barry P Gahagan, PE	TriCoeur Services, LLC	PE /Civil 21586	LA	3/31/2024
3	Barry P Gahagan, PE	TriCoeur Services, LLC	PE /Civil 21586	LA	3/31/2024
4	Ralph Burgess, PLS	Civil Design & Construction, Inc.	PLS 5040	LA	09/30/2022
4	Chris Ballard, PLS	Civil Design & Construction, Inc.	PLS 5033	LA	09/30/2022
5	Cory Ricks	ELOS Environmental, LLC		LA	
5	Brian Fortson	ELOS Environmental, LLC		LA	
5	Hunter Perrilloux	ELOS Environmental, LLC		LA	

(Add rows as needed)

16. Staff Experience:

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

Firm employed by TriCoeur Services, L.L.C.				
Name	Barry P Gahagan, P.E., P.L.S.		Years of relevant experience with this employer	11.8
Title	Projects Principal		Years of relevant experience with other employer(s)	31
Degree(s) / Years / Specialization			Bachelor of Science/ 1980 / Civil Engineering LSU Master of Science / 1990 / Civil (Structural) Engineering LSU	
Active registration number / state / expiration date			PE LA 21586, PLS 4834 / Louisiana / 3/31/2024	
Year registered	1985 1997	Discipline	Civil Engineering Land Surveying	
Contract role(s) / brief description of responsibilities			Project Manager	
Experience dates	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).			
12/18 – 07/20	SP No. H013122.5 OSB Ouachita Parish (Pine Street over West Prong of Young’s Bayou & Harrison – Collier Streets over Concrete Drainage Canal) TS & PP Project Manager/ directed topographic survey/ designed horizontal and vertical geometrics for approach roadways and bridge span configuration/ coordinated drainage design/ reviewed plan preparation of two multiple RCB crossings in place of existing bridge structures along existing skewed alignments in FEMA floodways.			
12/18 – 03/20	SP No. H013098.5 OSB Vernon Parish (Jim Cryer Rd. over Bayou Anacoco) TS & PP Project Manager/ directed topographic survey/ designed horizontal and vertical geometrics for approach roadways and bridge span configuration/ developed structure type size and location recommendation/ reviewed plan preparation of a 5 span LG25 crossing along offset alignment to enabling Parish’s request to through travel during construction. Recommended (5) 48ft spans in lieu of (6) 40ft spans to improve debris passage and gain economics advantage by elimination of one intermediate bent.			
09/13 – 03/17	SP No. H010597.5 OSB West Feliciana Parish (Sligo Road Bridges) TS, PP & FP Project Manager/ directed topographic survey/ designed horizontal and vertical geometrics along extremely hilly terrain for approach roadways and bridge span configuration/ developed structure type size and location recommendations/ prepared graphical grades/ ROW taking sketches and reviewed plan preparation for the skewed 12 span Quad Beam crossing of Bayou Sara and the 3 span crossing of Gayle’s Creek. Site construction sequencing to maintain access to landowners between sites.			

04/13 - 04/16	SP No. H010040.5 OSB Morehouse Parish (Bud Road & Bonne Idee Road Bridges) TS, PP & FP Project Manager/ designed horizontal and vertical geometrics for approach roadways and bridge span configuration/ developed structure type size and location recommendation/ ROW taking sketches and reviewed plan preparation for skewed /re-aligned/ curved and super-elevated slab span crossings. Prepared cantilevered sheetpile wall system design to minimize wetland encroachment.
05/13 - 01/14	East Baton Rouge City Parish Project No. 12-BR-US-018 (East Brookstown Bridge over Hurricane Bayou, Bridge Replacement) TS, PP & FP Project Manager/ designed horizontal and vertical geometrics for approach roadways and bridge span configuration/ developed structure type size and location recommendation/ and reviewed plan preparation for slab span crossings over concrete lined channel and along challenging utility corridor including shallow, large diameter sewer force main and maintained pedestrian access.
02/19 - 03/20	East Feliciana Parish Project No. PW1178-DR 4277 LA (FEMA) (Carruth Road Bridge) TS, PP & FP Project Manager/ directed topographic survey/ designed horizontal and vertical geometrics along narrow flood prone corridor for approach roadways and bridge span configuration/ developed structure type size and location recommendation and reviewed plan preparation for a multi span LG25 crossing as a cost saving alternative to “in kind” timber bridge crossing of the Lateral and Comite Creek Relief structure north of Clinton, LA.
02/19 - 04/20	East Feliciana Parish Project No. PW1190-DR 4277 LA (FEMA) (John Thomas Lane Bridge) TS, PP & FP Project Manager/ directed topographic survey/ designed horizontal and vertical geometrics along narrow flood prone corridor for approach roadways and bridge span configuration/ ROW taking sketches /developed structure alternative span recommendation and reviewed plan preparation for a multi concrete slab crossing as a cost saving alternative to “in kind” timber bridge crossing of the Waterfall Bayou structure south of Clinton, LA.
02/17 - 02/18	West Feliciana Parish Project No. 16-HMP-PW-02 (FEMA) (Plettenberg Road Bridge) TS, PP & FP Project Manager/ directed topographic survey/ designed horizontal and vertical geometrics along sharply curved alignment in extremely flood prone corridor for approach roadways and bridge span configuration/ prepared ROW taking sketches /developed structure alternative span recommendation of three central quad beam spans and curved end slab spans/ reviewed plan preparation for the Polly Creek crossing replacement structure in the seasonally flood prone areas from the Mississippi River batture north of St Francisville, LA.
02/11 - 02/13	Jefferson Parish Project No. DPW-97-046B-DR(SELA) (WB West Metairie Ave over Soniat Canal) PP & FP Project Manager/ directed topographic survey/ designed horizontal and vertical geometrics along curved alignment requiring split phase construction, channel paving, approach surcharge loading and designed superstructure and substructure including segmental spliced precast pile construction below high tower electrical transmission lines. This project alternative was conceived following realization of constructability issues at the confluence of pumped drainage canals at the upstream terminus of USACE/SELA flood improvement project. .

Firm employed by TriCoeur Services, L.L.C.				
Name	Thomas M. Willis, PE		Years of relevant experience with this employer	7
Title	Project Engineer (Hydr & Env)		Years of relevant experience with other employer(s)	35
Degree(s) / Years / Specialization			BS/ 1981/ Civil Engineering	
Active registration number / state / expiration date			24205 / LA Expirations: 3/31/2024	
Year registered	1991	Discipline	Civil (Hydraulic) & Environmental Engineering	
Contract role(s) / brief description of responsibilities			Project Engineer Civil (Hydraulic) & Environmental	
Experience dates	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
12/18 – 07/20	SP No. H013122.5 OSB Ouachita Parish (Pine Street over West Prong of Young’s Bayou & Harrison – Collier Streets over Concrete Drainage Canal) HYDR Project Engineer/ Prepared hydraulic analyses reports/ calibrated results to conform to FEMA data in undocumented pump drainage network of Monroe, LA./ confirmed sufficiency of Parish preferred multiple RCB bridge replacements along existing skewed alignments in FEMA floodways.			
12/18 – 03/20	SP No. H013098.5 OSB Vernon Parish (Jim Cryer Rd. over Bayou Anacoco) HYDR Project Engineer/ Prepared hydraulic analyses report for bridge span configuration developed structure type size and location recommendation/ reviewed plan preparation of a 5 span LG25 crossing along offset alignment in woody debris prone regions downstream of the Anacoco Lake dam.			
09/13 – 03/17	SP No. H010597.5 OSB West Feliciana Parish (Sligo Road Bridges) HYDR Project Engineer/ Prepared hydraulic analyses reports for two bridge sites along extremely hilly terrain/flashy streams for Quad Beam bridge spans for the skewed 12 span crossing of Bayou Sara and the 3 span crossing of Gayle’s Creek.			
02/19 - 03/20	East Feliciana Parish Project No. PW1178-DR 4277 LA (FEMA) (Carruth Road Bridge) HYDR Project Engineer/ Prepared hydraulic analyses reports for narrow flood prone corridor for roadway crossing at the confluence of a drainage lateral and significant primary channel relief along the existing bridge upstream face. Developed hydraulic studies inclusive of 20ft timber and 48ft LG25 girder spans. The recommendation and reviewed plan preparation for a multi span LG25 crossing proved low cost in bid as a cost saving alternative to “in kind” timber bridge crossing of the Lateral and Comite Creek Relief structure north of Clinton, LA.			
02/19 - 04/20	East Feliciana Parish Project No. PW1190-DR 4277 LA (FEMA) (John Thomas Lane Bridge) HYDR Project Engineer/ Prepared hydraulic analyses reports for flood prone roadway crossing in flood prone corridor for a multi concrete slab crossing of Waterfall Bayou structure south of Clinton, LA.			
02/17 - 02/18	West Feliciana Parish Project No. 16-HMP-PW-02 (FEMA) (Plettenberg Road Bridge) HYDR Project Engineer/ Prepared hydraulic analyses reports for alignment in extremely flood prone corridor for the Polly Creek crossing replacement structure in the seasonally flood prone areas of the Mississippi River batture north of St Francisville, LA.			

Firm employed by		Civil Design & Construction, Inc. (CD&C)		
Name	Karla E. Weston, PE		Years of relevant experience with this employer	17
Title	President		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization			Bachelor of Science / 1999 / Civil Engineering	
Active registration number / state / expiration date			31010 / Louisiana / March 31, 2024	
Year registered	2004	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Mrs. Weston will oversee the firms' role as a sub-consultant and make sure the work is completed to LADOTD standards.	
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).			
02/16-09/19	<u>H.003047 Pecue Lane/I-10 Interchange, Baton Rouge, LA:</u> Mrs. Weston's served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design services of the West Bound on Ramp to I-10, the West Bound Off Ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.			
12/13 – 10/19	<u>H.02960 Gramercy Bridge, St. James Parish, LA:</u> Mrs. Weston served as Principal-in-Charge for the firm's role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project			
02/14 - 02/15	<u>H.010620 I-49 Design Build, Lafayette, LA:</u> Mrs. Weston provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.			
05/13 – 05/14	<u>H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA:</u> Mrs. Weston served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.			
01/06 – 12/12	<u>EBR City/parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway, EBR Parish, LA:</u> Mrs. Weston served as Principal in Charge for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11' lands with a 2' barrier curb and gutter, and a 6' adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.			
03/12 – 07/12	<u>H.009104.5 - Sunshine Bridge Phase 2:</u> Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.			

05/11 – 04/12	<u>Red River – Jackson Street Bridge, Alexandria, LA:</u> Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red River.
06/12 – 10/12	<u>H.009986 – Paths 2 Progress. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 33</u> Ms. Weston served as the Principal-in-charge/Project Manager for this roadway rehabilitation project of roads in Jefferson Parish. This included field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
12/11 – 4/12	<u>H.005902.5 - Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 29</u> Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey, field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
01/06 – 07/06	<u>Picardy Avenue Extension–City/Parish of East Baton Rouge:</u> Mrs. Weston served as Principal-in-Charge for this extension of Picardy Avenue, connecting Bluebonnet Blvd. with I-10 West. Duties included project layout and design as well as subsurface drainage design for approximately ½ mile.

Firm employed by		Civil Design & Construction, Inc. (CD&C)		
Name	Ralph Burgess, PLS		Years of relevant experience with this employer	11
Title	Principal Land Surveyor		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			BS / 2004 / Industrial Design & Supervision, Southeastern LA University	
Active registration number / state / expiration date			5040 / Louisiana – September 30, 2022	
Year registered	2010	Discipline	Land Surveyor	
Contract role(s) / brief description of responsibilities.			Mr. Burgess serve as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms’ deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.	
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).			
07/20 – 04/21	H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish: Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.			
01/18-01/20	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Mr. Burgess was the surveying Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500’ for control verification and incorporation of the Mobile Lidar for the I-10 pavement.			
07/17-12/18	H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.			
01/16-08/16	H.005733.5 US 190 Superstreet, St. Tammany Parish, LA: Mr. Burgess served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for			

	approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.
10/15-12/18	H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I10, merging of existing topographic survey of bridges from LADOTD and final review of all survey data for submittals
08/16-12/17	H.011235 I-49 South at Verot School Road, Lafayette, LA: Mr. Burgess served as the Survey Manager for the project. Duties included meeting with LADOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.
07//14-10/15	H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, review and verification of drainage map, merging and final review of all survey data for submittals. Other special duties were coordinating with LADOTD District 61 for a rolling lane closure for location of drainage located in the interior of the project along the existing crash wall. Also, coordination with LADOTD Records and EBR City Parish regarding the research of all drainage structures that enter and leave the project area.
04/17-07/17	H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA: Mr. Burgess served as Survey Manager on this project which included a complete topographic survey, utility coordination, channel cross-sections and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
03/14-06/14	H.008369 Cleo Road Roundabout, St. Tammany Parish, LA: Mr. Burgess served as the project manager for the project. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13-07/13	H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA: Survey Manager for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	H.011088.5 West Prien Lake, Lake Charles, LA: Mr. Burgess served as the Survey Manager for this project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	H.010620 I-49 Design Build: Mr. Burgess managed and supervised all field work, utility coordination, and review of existing survey data for final topographic survey submittal. CD&C also produced ROW maps for the project. Mr. Burgess's duties for this portion also included title reports, review of property surveys and final submittal of final existing right of way plans.

Firm employed by		Civil Design & Construction, Inc. (CD&C)		
Name	Chris Ballard, PLS		Years of relevant experience with this employer	6
Title	Survey Project Manager		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization			BS / 2004 / Biological Science / Southeastern LA University	
Active registration number / state / expiration date			5033 / Louisiana – September 30, 2022	
Year registered	2010	Discipline	Land Surveyor	
Contract role(s) / brief description of responsibilities.			Mr. Ballard serve as the Survey Project Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms’ deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.	
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).			
01/18-01/20	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Ballard is the Surveying Project Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500’ for control verification and incorporation of the Mobile Lidar for the I-10 pavement.			
04/17-07/17	<u>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</u> Mr. Ballard served as the firms Survey Project Manager on this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.			
02/19-09/19	<u>Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:</u> Mr. Ballard is serving Survey Project Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA’s policies and procedures.			

01/17-12/17	<u>East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:</u> In 2017, CD&C has performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Project Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.
10/16 - 11/16	<u>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</u> Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.
09/17 - 12/17	<u>H.012650.5-1 District62 Bridges, Livingston and Tangipahoa Parishes, LA:</u> Mr. Ballard served as a Survey Project Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial Scanning .
10/15 - 12/18	<u>H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA:</u> Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
01/16 - 08/16	<u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u> Mr. Ballard served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route.
10/15 - 01/16	<u>H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA:</u> Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 - 09/13	<u>260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA:</u> Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 - 12/18	<u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u> Mr. Ballard served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning .

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Philip Dupree		Years of relevant experience with this employer	10
Title	Survey Party Chief		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 / Nationwide/ 06/30/2019; ATSSA Certified as Registered Flagger / 07/12/2021 ATSSA Certified Traffic Control Tech & Traffic Control Supervisor / 07/12/2021		
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Mr. Dupree is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.		
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).			
07/20 – 04/21	H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish: Mr. Dupree was the Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.			
01/18-02/2020	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Mr. Dupree is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17-12/2018	H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA: Mr. Dupree is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.			
10/15-12/2018	H.011235 I-49 South at Verot School Road, Lafayette, LA: Mr. Dupree served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.			
01/16-08/2016	H.005733.5 US 190 Superstreet, St. Tammany Parish, LA: Mr. Dupree served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.			
10/16-11/2016	H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA: Mr. Dupree served as Field coordinator on this project. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer’s design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.			

07/14/10/2015	H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA: Mr. Dupree served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.
05/13-07/13	H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA: Mr. Dupree served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	H.011088.5 West Prien Lake, Lake Charles, LA: Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	H.010620 I-49 Design Build: Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Mr. Dupree also was the lead Party Chief for the property surveys on this project.

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Jacob Stoehr		Years of relevant experience with this employer	7
Title	Survey Party Chief		Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization				
Active registration number / state / expiration date			ATSSA TCS, TCT, Flagger	
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.	
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).			
01/18-01/2020	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Stoehr served as a Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17-12/2018	<u>H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:</u> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
08/16-01/2018	<u>H.011235 I-49 Verot School Road, Lafayette, LA:</u> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			

05/17-07/2017	<u>H.011909.5-2 Roundabout US 171 at Boone Street, Vernon Parish, LA:</u> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
01/16 – 08/16	<u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
10/15 – 12/2018	<u>H.003184.5 I-10 Texas State Line East of Coone Gully:</u> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
10/16 – 11/16	<u>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</u> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Jason Stoehr		Years of relevant experience with this employer	5
Title	Survey Party Chief		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		ATSSA Traffic Control Technician, Flagger		
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.		
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).			
07/20 – 04/21	<u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</u> Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.			
01/18-01/2020	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Stoehr is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17-12/2018	<u>H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:</u> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
08/16-01/2018	<u>H.011235 I-49 Verot School Road, Lafayette, LA:</u> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
02/19 - 09/19	<u>Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:</u> Mr. Stoehr served as a Jr. Party Chief this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA’s policies and procedures.			
7/17 – 12/18	<u>H.003184.5 I-10 Texas State Line East of Coone Gully:</u> Mr. Stoehr served as an instrument man on this project by aiding the crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			

Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Alex Wells		Years of relevant experience with this employer
Title	Survey Party Chief		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		ATSSA TCS, TCT, Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.	
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).		
07/20 – 10/21	<u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:</u> Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
07/20 – 10/21	<u>H.013989 Greybow Rd. Palmetto Creek:</u> Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
07/20 – 04/21	<u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</u> Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.		
02/21 – 05/21	<u>H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:</u> Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
10/20 – 01/21	<u>H014302 US 165 Lighting, Monroe, LA:</u> Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.		

Firm employed by ELOS Environmental, LLC				
Name	Brian Fortson		Years of relevant experience with this employer	7
Title	Senior Ecologist		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		Juris Doctorate / 2006 / Civil Cum Laude BS / 1995 / Wetland Ecology		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Brian will serve as the Senior Ecologist, providing his expertise for environmental permits and agency coordination.		
<p>Mr. Fortson has 30+ years of environmental experience in providing technical expertise and environmental knowledge to ELOS personnel through managing and permitting various complex developmental infrastructure projects. Mr. Fortson serves as the Senior Environmental Scientist at ELOS, working with regulatory agencies such as USDA, NRCS, FEMA, USACE, DNR, and LDEQ. Brian's knowledge of state and federal environmental regulations and his years of experience enables him to navigate the permitting process. Mr. Fortson provides senior guidance to the environmental scientists at ELOS on plant identification and threatened and endangered species surveys.</p>				
01/15 – 01/16	STATE PROJECT NO. STP-445-1(002), US 51 BUSINESS (LA 22 TO I-12) (LADOTD, N-Y ASSOCIATES) Mr. Fortson supervised and participated in field investigations to support wetland delineations and findings reports, biological surveys, and threatened and endangered species reports. He also provided coordination among natural resource agencies, consultation with landowners, and outreach to public groups.			
08/17 – 07/18	S.P. H.972275, LAND USE AND TRANSPORTATION STUDY HARRISON AVE EXT (LADOTD, PROFESSIONAL ENGINEERING CONSULTANTS CORP.) Senior Environmental Scientist. Assisted in the preparation of a DOTD Stage 0 Environmental Checklist for the extension of Harrison Avenue in Abita Springs from LA 59 to LA 36, a distance of 1.7 miles. Desktop and field data were collected to identify relevant resources in the project area. He assisted in the identification of land use, wetlands, community facilities, recreational assets, historic and cultural sites, and hazardous waste sites.			
09/17 – 02/21	S.P. H.008915.2, LA 3234 EXTENSION TO HAMMOND AIRPORT ENVIRONMENTAL ASSESSMENT (LADOTD, N-Y ASSOCIATES) Senior Environmental Scientist. Responsible for the supervision of fieldwork, wetland delineations, biological surveys, and Section 404 application for three alternative alignments being studied for the extension of E. University Avenue from LA 1065 to the Hammond Airport. He provided the wetlands value assessment (WVA) to estimate mitigation costs for unavoidable impacts to wetlands.			
05/21 – 03/22	ST. TAMMANY TRACE BRIDGE REPLACEMENT Senior Environmental Scientist. serves as a Project Manager overseeing the permitting process, coordinating with regulatory agencies, and providing senior-level insight for this project. ELOS is contracted to conduct a wetland delineation and obtain jurisdictional determination from the USACE, as well as submit a joint permit application to the LDNR OCM for the replacement of the Trace Bridge over Little Bayou Castine on Tammany Trace.			

Firm employed by ELOS Environmental, LLC			
Name	Cory Ricks		Years of relevant experience with this employer
Title	Project Manager / Environmental Scientist		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2015 / Biology	
Active registration number / state / expiration date		R-I-99273-17-01464	
Year registered	2017	Discipline	proActive Safety Services Renovator Initial
Contract role(s) / brief description of responsibilities		Cory will serve as the Project Manager, providing his expertise for wetland delineations and jurisdictional determinations, as well as managing the collection of field data and the development of reports.	
Mr. Ricks serves as ELOS's wetland delineation specialist. Mr. Ricks has led wetland delineation efforts for multiple projects for local development, mitigation banks, and infrastructure developments. He has provided assistance with NEPA documentation, permitting, wetland delineations, GIS mapping, and cultural resources for a variety of projects. He currently manages a team of environmental scientists, field biologists, and data processors who all assist on a variety of environmental and debris monitoring projects.			
09-20 – In Progress	S.P. H.008915.2, LA 3234 EXTENSION TO HAMMOND AIRPORT EA (LADOTD, N-Y ASSOCIATES) Environmental Scientist. Performed the wetland delineation for all three routes and provided a report of the findings. Provided assistance for GIS mapping of the Wetlands Findings Report, Phase 1 Environmental Assessment Survey, and the Biological Assessment Survey. Provided a report of the threatened and endangered species known in the project area. Lead efforts on providing stream and waterbody data for each report. This project included a wetland delineation, section 404 and 401 permit applications, cultural resources site visit and report, and a threatened and endangered species survey.		
08/20 – 7/21	S.P. H.013952, RURAL BRIDGE INITIATIVE - JESSE B ROAD OVER BAYOU MALLET (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation and permit applications.		
8/20 – 7/21	S.P. H.013955, RURAL BRIDGE INITIATIVE – SANDY CREEK BRIDGE (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation and permit applications.		
8/20 – In Progress	S.P. H.013956, RURAL BRIDGE INITIATIVE– BEAMOW RD. OVER BAYOU MARINGOUIN (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation and permit applications.		
8/20 – 7/21	S.P. H.013957, RURAL BRIDGE INITIATIVE – SLIGO RD. OVER WALTER CREEK (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation and permit applications.		
8/20 – In Progress	S.P. H.013958, RURAL BRIDGE INITIATIVE – CARPENTERS BR RD OVER WHISKEY CHITTO CR (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.		
8/20 – 3/22	S.P. H.013959, RURAL BRIDGE INITIATIVE – REEDS BRIDGE ROAD OVER CALCASIEU RIVER RELIEF (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.		

8/20 – 1/22	S.P. H.013963, RURAL BRIDGE INITIATIVE – UNNAMED WATERWAY ROUTE (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
8/20 – 9/21	S.P. H.013966, RURAL BRIDGE INITIATIVE – LA 321: CREEK BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
8/20 – 9/21	S.P. H.013968, RURAL BRIDGE INITIATIVE – LA 404: BAYOU AND CANAL BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation and permit applications.
8/20 – 2/22	S.P. H.013970, RURAL BRIDGE INITIATIVE – LA 717: KLONDIKE CANAL AND BAYOU BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
8/20 – In Progress	S.P. H.013976, RURAL BRIDGE INITIATIVE – LA 376: BAYOU BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
8/20 – 1/22	S.P. H.013982, RURAL BRIDGE INITIATIVE – LA 10 SPUR, LA 1042: BRIDGES NEAR GREENSBURG (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation and permit applications.
8/20 – In Progress	S.P. H.013984, RURAL BRIDGE INITIATIVE – LA-0016/WRIGHT'S CREEK, HOLDEN'S CREEK, UNNAMED DRAIN, TALLEY'S CREEK, BERRY'S CREEK (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
8/20 – 1/22	S.P. H.013996, RURAL BRIDGE INITIATIVE – LA 1074, LA 1075: BRIDGES NEAR RIO (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
8/20 – 9/21	S.P. H.013989, RURAL BRIDGE INITIATIVE – GRAYBOW ROAD/PALMETTO CREEK (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.

Firm employed by ELOS Environmental, LLC					
Name		Hunter Perrilloux		Years of relevant experience with this employer	3
Title		Environmental Scientist		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization			BS / 2018 / Biology		
Active registration number / state / expiration date			N/A		
Year registered		N/A	Discipline		N/A
Contract role(s) / brief description of responsibilities			Hunter will serve as the Field Biologist, providing his expertise for collecting and analyzing data for wetland delineations and jurisdictional determinations.		
Mr. Perrilloux's responsibilities at ELOS have included assisting with mitigation bank monitoring, endangered species monitoring, and performing wetland delineations. He has performed several field investigations to collect and process data. Mr. Perrilloux has also assisted with mitigation bank monitoring efforts as well as eagle nest monitoring.					
8/20 – 7/21		S.P. H.013952, RURAL BRIDGE INITIATIVE – JESSE B ROAD OVER BAYOU MALLET (LADOTD, BURK-KLEINPETER, INC.) Field Biologist. This bridge replacement project included a wetland delineation and permit applications.			
8/20 – 7/21		S.P. H.013955, RURAL BRIDGE INITIATIVE – SANDY CREEK BRIDGE (LADOTD, BURK-KLEINPETER, INC.) Field Biologist. This bridge replacement project included a wetland delineation and permit applications.			
8/20 – 7/21		S.P. H.013957, RURAL BRIDGE INITIATIVE – SLIGO ROAD OVER WALTER CREEK (LADOTD, BURK-KLEINPETER, INC.) Field Biologist. This bridge replacement project included a wetland delineation and permit applications.			
8/20 – 9/21		S.P. H.013966, RURAL BRIDGE INITIATIVE – LA 321: CREEK BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Conducted fieldwork. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.			
8/20 – 9/21		S.P. H.013968, RURAL BRIDGE INITIATIVE – LA 404: BAYOU AND CANAL BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Conducted fieldwork. This bridge replacement project included a wetland delineation and permit applications.			
8/20 – 1/22		S.P. H.013996, RURAL BRIDGE INITIATIVE – LA 1074, LA 1075: BRIDGES NEAR RIO (LADOTD, BURK-KLEINPETER, INC.) Conducted fieldwork. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.			
8/20 – 1/22		S.P. H.013963, RURAL BRIDGE INITIATIVE – UNNAMED WATERWAY ROUTE (LADOTD, BURK-KLEINPETER, INC.) Field Biologist. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.			
8/20 – 1/22		S.P. H.013982, RURAL BRIDGE INITIATIVE – LA 10 SPUR, LA 1042: BRIDGES NEAR GREENSBURG (LADOTD, BURK-KLEINPETER, INC.) Conducted fieldwork. This bridge replacement project included a wetland delineation and permit applications.			
9/20 – In Progress		S.P. H.008915.2, LA 3234 EXTENSIONS TO HAMMOND AIRPORT ENVIRONMENTAL ASSESSMENT (LADOTD, N-Y ASSOCIATES) Field Biologist. This project included a wetland delineation, section 404 and 401 permit applications, cultural resources site visit and report, and a threatened and endangered species survey.			

Firm employed by ELOS Environmental, LLC			
Name	Stephanie Perrault		Years of relevant experience with this employer
Title	Archaeologist/ Principal Investigator		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MA, Anthropology	
Active registration number / state / expiration date		33714583	
Year registered		Discipline	Professional Archaeologist
Contract role(s) / brief description of responsibilities		Ms. Perrault will serve as an Archaeologist, providing her expertise for cultural resource investigations, agency coordination, and tribal coordination.	
<p>Ms. Perrault has 25+ years of experience in cultural resource management in providing technical expertise and historical knowledge to ELOS personnel through managing various complex projects. Ms. Perrault serves as the Archaeologist and Principal Investigator at ELOS, working with regulatory agencies such as HUD, USACE, FERC, LADOTD, SHPO, HRHP, THPO, and ACHP. Ms. Perrault provides senior guidance to the environmental scientists at ELOS on cultural resources investigations and historic structure surveys that comply with all state and federal standards. Ms. Perrault is an expert in artifact analyses, site mapping, and the evaluation of resource eligibility for listing in the National Register of Historic Places (NRHP) and state registry of historic properties.</p>			
2/19 – 9/21	LAFITTE LEVEES SECTION 106 REVIEW, JEFFERSON PARISH, LA Ms. Perrault was responsible for the Section 106 Review to determine the low and high probability areas for potential cultural resource findings. She performed 2 digs so far and based on her findings, Ms. Perrault offered suggestions for further investigation within the low and high probability areas within the Area of Potential Impact.		
8/20 – 9/21	S.P. H.013976, RURAL BRIDGE INITIATIVE – LA 376 BAYOU BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Ms. Perrault was the Archaeologist and responsible for the Cultural Resource Phase I Survey for the two-bridge replacement project totaling in 3.1 areas. The project included a wetland delineation, permit applications, cultural resource phase one survey, and a threatened and endangered species survey.		
6/21 – 9/21	PHASE I CULTURAL RESOURCES ASSESSMENT SURVEY, LACOMBE TRACE TRAILS AND NATURE PARK, ST. TAMMANY, LA The entire 25.527 acre project area was situated between Bayou Lacombe and the St. Tammany Trace. Ms. Perrault provided guidance through the National Environmental Policy Act (NEPA) permitting process, assisted with an Environmental Assessment of the site, conducted a Phase I Cultural Resources Investigation, provided recommendations to St. Tammany Parish Planners based on the findings of the Cultural Resources investigation, provided consultation services and communication support between St. Tammany Parish, the Lead Federal Agency, Agency Reviewers (i.e. SHPO and THPOs), and other stakeholders, and ensured compliance with the NEPA and Section 106 of the National Historic Preservation Act (NHPA).		
6/21 – Present	ST. FRANCISVILLE WWTP RELOCATION, PHASE I SURVEY, WEST FELICIANA PARISH, LA Ms. Perrault provided services for three tasks to fulfill the requirements of Section 106 of the NHPA. 1) Background research; 2) Terrestrial Phase I Cultural Resource Survey; 3) Cultural Resource Assessment Findings Report. Ms. Perrault and her team conducted a pedestrian survey, 63 shovel testing, and auguring on the 15.97-acre site.		

17. Firm Experience:

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

Firm name	TriCoeur Services, L.L.C.	Past Performance Evaluation Discipline(s)*		Bridge	
Project name	Sligo Road Bridges			Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. H.010597.5	Owner's name	Louisiana DOTD		
Project location	West Feliciana Parish, LA		Owner's Project Manager	Barbara Ostuno, PE	
Owner's address, phone, email	1201 Capital Access Road, (225) 379-1047, B.Ostuno @LA.GOV				
Services commenced by this firm (mm/yy)	09/13	Total consultant contract cost (\$1,000's)			155.948
Services completed by this firm (mm/yy)	01/22	Cost of consultant services provided by this firm (\$1,000's)			155,948
Prepared Preliminary and Final bridge replacement plans for rural local roadways/ designed horizontal and vertical geometrics along extremely hilly terrain for approach roadways and bridge span configuration/ developed structure type size and location recommendations/ prepared graphical grades/ ROW taking sketches and reviewed plan preparation for the skewed 12 span Quad Beam crossing of Bayou Sara and the 3 span crossing of Gayle's Creek. Site construction sequencing to maintain access to landowners between sites. All current members of the TriCoeur staff were involved in this project and 100% performed in Louisiana.					
Firm name	TriCoeur Services, L.L.C.	Past Performance Evaluation Discipline(s)*		Bridge	
Project name	Bud Road and Bonne Idee Road Bridges			Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. H.010040.5	Owner's name	Louisiana DOTD		
Project location	Morehouse Parish, LA		Owner's Project Manager	Barbara Ostuno, PE	
Owner's address, phone, email	1201 Capital Access Road, (225) 379-1047, B.Ostuno @LA.GOV				
Services commenced by this firm (mm/yy)	04/13	Total consultant contract cost (\$1,000's)			116.113
Services completed by this firm (mm/yy)	11/15	Cost of consultant services provided by this firm (\$1,000's)			96.639
Prepared Preliminary and Final bridge replacement plans for rural local roadways / ROW taking sketches for skewed /re-aligned/ curved and super-elevated slab span crossings. Prepared cantilevered sheetpile wall system design to minimize wetland encroachment. All current members of the TriCoeur staff were involved in this project and 100% performed in Louisiana.					

Firm name	TriCoeur Services, L.L.C.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Pine Street over West Prong of Young's Bayou & Harrison – Collier Streets over Concrete Drainage Canal	Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. H013122.5	Owner's name	Louisiana DOTD
Project location	Ouachita Parish, LA	Owner's Project Manager	Barbara Ostuno, PE
Owner's address, phone, email	1201 Capital Access Road, (225) 379-1047, B.Ostuno @LA.GOV		
Services commenced by this firm (mm/yy)	12/18	Total consultant contract cost (\$1,000's)	110.664
Services completed by this firm (mm/yy)	05/21	Cost of consultant services provided by this firm (\$1,000's)	102.996
Prepared Preliminary bridge replacement plans for urban local roadways, determined and implemented practical application as desired by City Parish representatives of multiple RCB crossings in place of existing bridge structures along existing skewed alignments in FEMA floodways. All current members of the TriCoeur staff were involved in this project and 100% performed in Louisiana.			
Firm name	TriCoeur Services, L.L.C.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Jim Cryer Rd. over Bayou Anacoco	Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. H013098.5	Owner's name	Louisiana DOTD
Project location	Vernon Parish, LA	Owner's Project Manager	Barbara Ostuno, PE
Owner's address, phone, email	1201 Capital Access Road, (225) 379-1047, B.Ostuno @LA.GOV		
Services commenced by this firm (mm/yy)	11/18	Total consultant contract cost (\$1,000's)	79.692
Services completed by this firm (mm/yy)	10/22	Cost of consultant services provided by this firm (\$1,000's)	42.778
Prepared Preliminary bridge replacement plans for rural local roadway, determined and location recommendation/ reviewed plan preparation of a 5 span LG25 crossing along offset alignment to enabling Parish's request to through travel during construction. Recommended (5) 48ft spans in lieu of (6) 40ft spans to improve debris passage and gain economics advantage by elimination of one intermediate bent. All current members of the TriCoeur staff were involved in this project and 100% performed in Louisiana.			
Firm name	TriCoeur Services, L.L.C.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Poplar Street Bridge over Bonnabel Canal	Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. H006138.5	Owner's name	Louisiana DOTD
Project location	Jefferson Parish, LA	Owner's Project Manager	Barbara Ostuno, PE
Owner's address, phone, email	1201 Capital Access Road, (225) 379-1047, B.Ostuno @LA.GOV		
Services commenced by this firm (mm/yy)	03/12	Total consultant contract cost (\$1,000's)	71.517
Services completed by this firm (mm/yy)	08/13	Cost of consultant services provided by this firm (\$1,000's)	71.517
Preparation of Final Plans from Preliminary Plans and Topographic Survey previously initiated by others. Project required preparation of scour analyses, revisions of the project geometric layout, incorporation of prior Plan in Hand review comments, coordination of geotechnical investigations, coordination with utility conflicts for primary water, natural gas and sanitary sewer crossings, interaction with Parish personnel, preparation of non-standard bridge bent approach slab details, and roadway plan preparations. All members of the TriCoeur staff were involved in the project and 100% performed in Louisiana.			

Firm name	Civil Design & Construction, Inc.		Past Performance Evaluation Discipline(s)*	Survey
Project name	Rural Bridge Initiative		Firm responsibility (prime or sub?)	Sub
Project number	H.013955, H. 013956, etc.	Owner's name	LADOTD	
Project location	Various Parishes, LA		Owner's Project Manager	(Sub to BKI)
Owner's address, phone, email	Not Known			
Services commenced by this firm (mm/yy)	07/20	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	On-going	Cost of consultant services provided by this firm (\$1,000's)		\$338

Project Description: The intent of this project was all necessary engineering and related services required for developing plans for the replacement of 35 bridges on the State Highway System and/or local roadways, LA. CD&C provided survey for 6 of these sites. Those include H.013955, H.013956, H.013957, H.013958, H.013959, & H.013989. CD&C used Mobile LiDAR and traditional means and methods to survey the sites in accordance with LADOTD Location and Survey Manual.

CD&C's Role:

CD&C performed a topography within the existing right of way on each of the 6 sites our firm was tasked. CD&C also located all utilities within the designated areas of the bridge site and cross-sectioned each channel up and downstream of the bridge. Utilities were marked by LA One Call. **3D Terrestrial Scanning** was used in conjunction with traditional surveying means and methods to collect data for the project.



Members Involved: Karla E. Weston, P.E., Ralph Burgess, PLS, Chris Ballard, PLS, John Ewing, Phil Dupree, Jacob Stoehr, Jason Stoehr, Scott Benton, Madison Mills, LSI & Trenton Norris. **Performed in LA: 100%**

Firm name	Civil Design & Construction, Inc.		Past Performance Evaluation Discipline(s)*	Survey
Project name	LA 58: Petit Caillou Bridge Rehabilitation / Sarah Bridge		Firm responsibility (prime or sub?)	Sub
Project number	H.010006.5-3	Owner's name	LADOTD	
Project location	Terrebonne Parish, LA		Owner's Project Manager	Thomas Gattle (Huval & Assoc)
Owner's address, phone, email	922 W. Point Des Mouton Rd., Lafayette, LA 705007 / 337-234-3798 / tgattle@tgattle@huvalassoc.com			
Services commenced by this firm (mm/yy)	04/17	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	07/17	Cost of consultant services provided by this firm (\$1,000's)		\$31

Project Description: The purpose of this project is to provide a structural, architectural, mechanical, and electrical rehabilitation of the movable bridge and approaches that shall allow it to remain in service for an additional 50 years with routine maintenance along with various other repairs and updates to the site. CD&C was tasked with performing the topographic survey and DTM for this movable bridge structure and site.

CD&C's Role: CD&C performed a topography survey along LA 58 from Little Caillou Road to Bayside Drive within the existing right of way. Also, CD&C located all utilities within the designated areas of the bridge site and cross-sectioned this large bayou up and downstream of the bridge. Utilities were marked by LA One Call. **3D Terrestrial Scanning** was used in conjunction with single beam hydrographic surveying in addition to traditional means and methods to collect data for the project. To obtain all critical information for design the bridge had to be scanned at both raised and lowered positions.

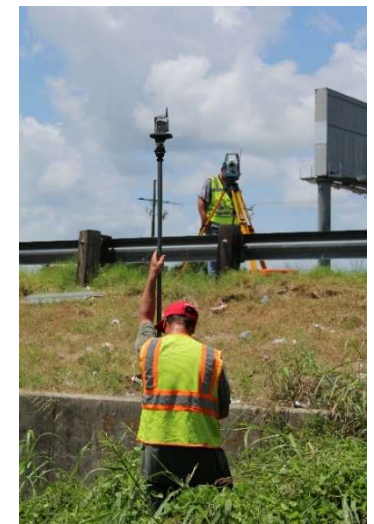
Members Involved: CD&C employees involved in the project included Ralph Burgess, PLS, Survey Manager; Christopher Ballard, PLS Survey Project Manager; Trent Norris, 3D Scanning Technician; John Ewing, Survey Technician.
Performed 100% LA.



Firm name	Civil Design & Construction, Inc.			Past Performance Evaluation Discipline(s)*		Survey	
Project name	I-10: LA 415 to Essen Lane on I-10 and I-12				Firm responsibility (prime or sub?)		Sub
Project number	H.004100		Owner's name	LADOTD			
Project location	West and East Baton Rouge, LA			Owner's Project Manager		Nicholas Olivier	
Owner's address, phone, email		1201 Capital Access Rd, Baton Rouge, LA 70802 / 225-379-1232 / Nicholas.olivier@la.gov					
Services commenced by this firm (mm/yy)			01/18	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)			on-going	Cost of consultant services provided by this firm (\$1,000's)			\$296

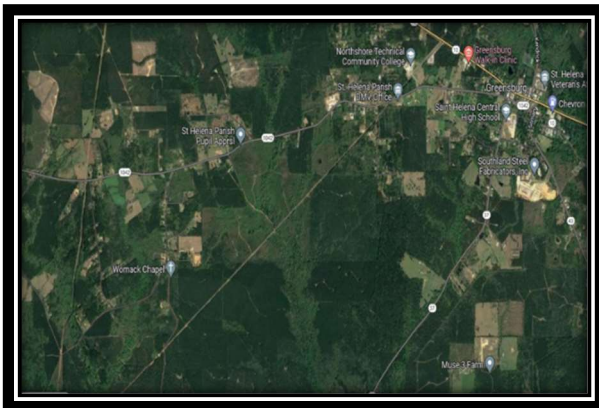
Project Description: This project is located in West Baton Rouge and East Baton Rouge Parishes in the cities of Port Allen and Baton Rouge, LA. A complete Topographic survey including all utilities (ASCE 38-02, QL "B") with depths and all drainage is required, along with Finish floor elevations of all buildings that fall within the survey limits. The survey begins 1,500 feet West of the western most entrance/exit ramps of the LA 415 and I-10 Interchange. From the I-10, I-12 split the survey shall proceed in southerly and easterly directions along the existing main alignment of I-10 for approximately 1.5 miles & I-12 for approximately 1.5 miles to end the route limits. **CD&C's Role:**

CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415. **This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.**



Members Involved: Karla E. Weston, P.E.; Ralph Burgess, PLS; Christopher Ballard, PLS; Phil Dupree, Party Chief; Jacob Stoeck, Party Chief; Trent Norris, 3D scanning technician; John Ewing, Survey Tech; **Performed in LA: 100%**

Firm name	ELOS Environmental, LLC		Past Performance Evaluation Discipline(s)*	Environmental
Project name	LA 10 SPUR, LA 1042 Bridges Near Greensburg Rural Bridge Initiative		Firm responsibility (prime or sub?)	Sub
Project number	H.013982	Owner's name	LADOTD	
Project location	St. Helena Parish, LA		Owner's Project Manager	Andrew Ranck, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, (225) 379-1232, dotdcs@la.gov			
Services commenced by this firm (mm/yy)	08/20	Total consultant contract cost (\$1,000's)	\$16	
Services completed by this firm (mm/yy)	01/22	Cost of consultant services provided by this firm (\$1,000's)	\$16	



Services Provided: wetland delineations, preliminary jurisdictional determination, United State Army Corps of Engineers (USACE) nationwide permit applications, threatened and endangered species research, Categorical Exclusions checklist (CE), and solicitation of views (SOV).

ELOS was contracted by Burke-Kleinpeter to provide environmental services for H.013982. The Louisiana Department of Transportation and Development (LADOTD) proposed the replacement of four existing bridges including one site at LA 1042 over Choctaw Creek, one site at LA 1042 over an unnamed creek, one site at LA 10 Spur over Raby Branch, and one site at LA 10 Spur over St. Joseph Branch in St. Helena Parish. **This project is one of many bridges part of the DOTD Rural Bridges Phase I projects, for which ELOS was the environmental consultant conducting the environmental reviews and documentation.** This project primarily involved wetland delineations and a wetlands finding report. Evidence observed and documented indicates that approximately 0.22 acre of the site location meets the established criteria to be considered "Section 404 wetlands." In addition, approximately 2.19 acre of this site meet the established criteria to be considered "other waters of the U.S." The DOTD will mitigate the wetlands impacted by construction activities for this project by minimizing impacts as listed in the Louisiana Standard Specifications for Roads and Bridges, 2016 edition, and mitigate for lost wetland habitats by reseeding with appropriate plants and seedlings. No threatened and endangered species surveys were required for this project.

Site 1. LA 1042/ Choctaw Creek: Recall No. 058492)

Site 2. LA 1042/ unnamed creek: Recall No. 058494

Site 3. LA 10 Spur/ Raby Branch: Recall No. 620045

Site 4. LA 10 Spur/ St. Joseph Branch: Recall No. 620046

Firm Personnel Involved: Cory Ricks, Hunter Perrilloux, Mike Hill, and Basile Dardar

Firm name	ELOS Environmental, LLC			Past Performance Evaluation Discipline(s)*		Environmental	
Project name	LA-4 Rural Bridge Initiative				Firm responsibility (prime or sub?)		Sub
Project number	H.014268		Owner's name	LADOTD			
Project location	Jackson and Caldwell Parish			Owner's Project Manager		Andrew Ranck, P.E.	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA, (225) 379-1232, dotdcs@la.gov					
Services commenced by this firm (mm/yy)			09/21	Total consultant contract cost (\$1,000's)			\$16
Services completed by this firm (mm/yy)			N/A	Cost of consultant services provided by this firm (\$1,000's)			\$16

Services Provided: wetland delineations, preliminary jurisdictional determination, United State Army Corps of Engineers (USACE) nationwide and Department of Natural Resources CUP/Consistency Determination permit applications, threatened and endangered species research, Categorical Exclusion checklist (CE) and solicitation of views (SOV).

ELOS was contracted by Burke-Kleinpeter to provide environmental services for H.014268. The Louisiana Department of Transportation and Development (LADOTD) proposed the replacement of 8 separate bridges located on LA-4 in Jackson and Caldwell Parishes. **This project is one of many bridges part of the DOTD Rural Bridges Phase II projects, for which ELOS was the environmental consultant conducting the environmental reviews and documentation.** This project involved surveys for threatened and endangered species, including investigations for the Northern Long-eared Bat, Louisiana Pine Snake, and the Red Cockheaded Woodpecker. Evidence observed and documented indicates that approximately 17.40 acres of these sites meet the established criteria to be considered "wetlands" and approximately 6.05-acres of these sites meet the established criteria to be considered "other waters of the U.S."

Site 1. Unnamed Creek: Recall No. 021100

Site 2. Unnamed Creek: Recall No. 021120

Site 3. Bear Creek: Recall No. 021130

Site 4. Squirrel Creek: Recall No. 046750

Site 5. Sugar Creek: Recall No. 046760

Site 6. Bill's Creek: Recall No. 046782

Site 7. Lost Creek Relief: Recall No. 046786

Firm Personnel Involved: Cory Ricks, Hunter Perrilloux, Mike Hill, and Basile Dardar



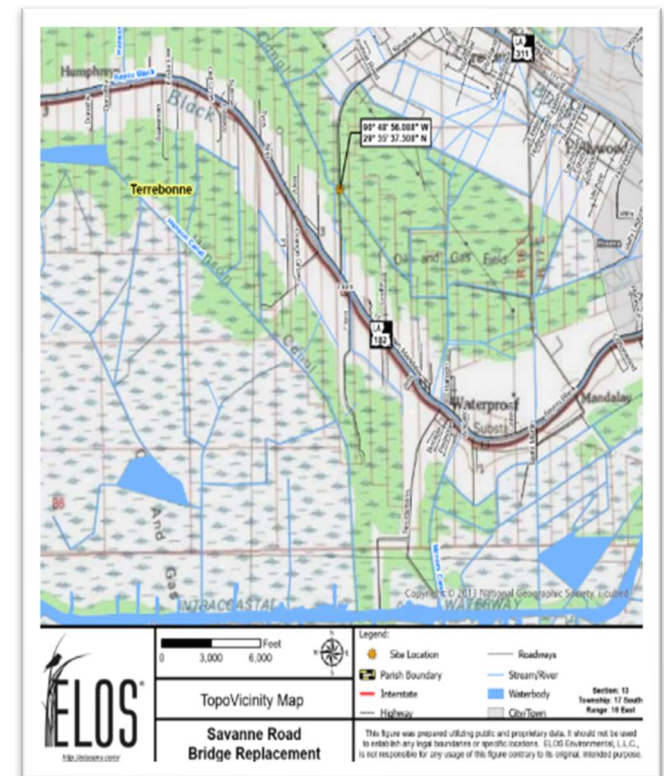
Firm name	ELOS Environmental, LLC		Past Performance Evaluation Discipline(s)*	Environmental
Project name	Savanne Road Bridge Over Hanson Canal			Firm responsibility (prime or sub?) Sub
Project number	H.014267	Owner's name	LADOTD	
Project location	Terrebonne Parish, LA		Owner's Project Manager	Andrew Ranck, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, (225) 379-1232, dotdcs@la.gov			
Services commenced by this firm (mm/yy)	08/20	Total consultant contract cost (\$1,000's)		\$16
Services completed by this firm (mm/yy)	N/A	Cost of consultant services provided by this firm (\$1,000's)		\$16

Services Provided: Scenic Rivers and Streams Permits, USACE Permits, Wetland Delineation and Jurisdictional Determination, Threatened and Endangered Species, Solicitation of Views, and Categorical Exclusion Checklist.

ELOS was contracted by Infinity to provide environmental services for the improvement of DOTD Bridge Replacement projects. LADOTD proposed the replacement of the existing Savanne Road Bridge over Hanson Canal (**Recall No. 020165**) with a new concrete reinforced bridge at approximately 90° 48' 56.088" West and 29° 35' 37.308" North.

The existing bridge, located approximately 0.82 miles north of LA 182 in Terrebonne Parish, was recommended for replacement by the Louisiana Department of Transportation and Development (LA DOTD). The existing structure was a 4-span, 57-foot-long, and 24-foot-wide concrete bridge. The proposed action was to replace the existing bridge with three 20-foot spans, totaling 60 feet, with 3:1 riprap abutments and a proposed finished grade at branch crossing at 5.51 in accordance with current LADOTD and AASHTO guidelines.

This project included a wetland delineation and jurisdictional determination from the USACE, a Section 404 permit from the USACE, a scenic rivers and streams permit from the LDWF, and a threatened and endangered species survey for West Indian Manatees (*Trichechus manatus*). ELOS was also tasked with preparing and mailing the solicitation of views letters to the relevant agencies and responding to comments. This project qualified for a categorical exclusion (CATEX), meaning a detailed environmental analysis was not required. ELOS prepared and submitted the CATEX documentation.



Firm Personnel Involved: Cory Ricks, Hunter Perrilloux, Mike Hill, and Claire LaBarbera

18. Approach and Methodology:

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated.

If the consultant has information it believes is proprietary, label it accordingly.

Land Surveying:

The topographic surveys shall adhere to all modern survey theory, practice and procedures, and conform to current LADOTD Location and Survey Manual Guidelines and typical surveying methods as applied by LADOTD. This includes all accepted horizontal and vertical control standards as stated in the manual. The LADOTD feature table code list and symbols shall be utilized and met with those included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and Survey Section and Automation. 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site and will adhere to all LaDOTD Standards as related to Terrestrial and Mobile Scanning. All deliverables will adhere to the Electronic standard as set forth by LaDOTD

If Boundary Surveying & Right of Way Mapping are requested, all property and right of way work shall follow the current standards of practice as outlined in the laws and rules of the Louisiana Professional Engineering and Land Surveying Board and shall be certified to a class D survey as dictated by those laws and rules. All map preparations will conform to LaDOTD standards of operation for Right of Way Mapping.

Off System Bridge Replacements (OSB) projects are best executed with careful planning, team collaborations, and early awareness of Client concerns and anticipations for the project arguably even more so than On-System project due to the limited size, and frequent challenge of conforming these rural project sites towards compliance with LADOTD/AASHTO design standards.

Prior to the site kickoff meeting a remote investigation of existing site features including topography, approach roadway alignments, flood risks, utility conflicts, route criticality, and right-of-way constraints to have an initial anticipation of project constraints. A review of estimated traffic data (ADT and ADTT) will quickly direct the design team to an understanding of roadway design classification, required bridge clear roadway width and geometrics.

To improve team efficiencies, it is preferred to stage the site kickoff meeting between the Project Engineer and Parish representatives just prior to initiation of topographic surveys. At this time an understanding of the Parish's perspectives for the site can be expressed. Issues such as routine inundations (Parish observed high water marks and overtopping if any), seasonal criticality of use such as school bus access, agricultural equipment usage, utility conflicts, channel bank access, channel bank instability issues, debris prone conditions, etc are best discussed at this early stage while in an informal setting.

To improve quality and execution topographic survey a presurvey meeting will be held with the surveyor, the assigned party chief and instrument man (when possible) to discuss the nature of control survey monumentation, preferred methods and detail of capturing relevant ground and surface features, utilities, boundary evidence, hydraulic baseline and channel sections, etc. At this time a review of the LADOTD topographic survey checklist is reviewed and conformance is emphasized. Immediately following establishment of control, the existing roadway alignment, roadway and ground surface data is collected and transmitted to office preparation of a preliminary terrain model and surveyed alignment. A concerted effort is made at this time to evaluate and prepare design horizontal alignment for the survey crew to establish and reference as the topographic survey is completed.

Once the survey has been completed, the field roll and cross sections are developed, data is checked, point data files and existing drainage maps prepared then the survey checklist is completed and submitted to for Department review and acceptance. The topographic survey(s) shall adhere to current survey best practice and procedures and conform to current LADOTD Location and Survey Manual Guidelines, standards of practice and include in the latest edition of the survey feature code guidebook produced by the 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site and will adhere to all LaDOTD Standards as related to Terrestrial and Mobile Scanning. All deliverables will adhere to the LaDOTD standards.

With survey submittal completed the design team initiates initial coordination between geometric and hydraulic design discussing field observations, concerns for bridge grade and low chord requirements based upstream flooding, debris passage, channel bank

erosions, approach roadway profile allowances for overtopping, conformance with design geometric guidelines. Project alignment, approach roadway profile, roadway width and superelevation transitions. Following 50% design and hydraulic report submittal plan preparation and comment resolutions the design team will continue to advance project development to Pre Plan In Hand or directly to Plan in Hand status if the design and methodology is deemed suitable. Preliminary Plan development will continue through active participation with the Plan-in-Hand team, engaging dialogue and considerations of the LADOTD and Parish interests in order to advance the project through to final plan development.

Our design experience and ongoing dialogue will optimize workflow through best understanding design methods, scope challenges and Owner expectations for the development of safe, durable and the most cost effective solutions. Near conclusion of the preliminary plan phase the require R/W Sketches and Agreements will be drafted for Parish consideration and use in obtaining any necessary R/W.

Final Plan development will proceed under supplemental agreement and Notice to Proceed with accommodation of any necessary standard plan modifications and full design set compilation. All design calculations and developed plans will be checked for PreACP and ACP submittals. Along with the ACP submittal the final constructability / biddability review is prepared and submitted for LADOTD input, comment and resolution.

Our Environmental subconsultant will perform the wetland delineation(s) utilizing the methods/guidelines described in the most recent Field Guide for Wetland Delineation, Corps of Engineers Manual, in conjunction with Regional Supplement to the Corps Manual, Atlantic and Gulf Coastal Plain Region. Preliminary data on soils will be taken from the Parish Specific Web Soil Survey and verified in the field. A Global Positioning System (GPS) will be utilized to mark the boundaries of potentially jurisdictional wetlands in the field as well as all data collection points. Pertinent wetland information will be documented in the field using USACE wetland data collection forms. Upon completion of the field survey, reduce the data into a report format containing text, wetland data sheets, photographs and figures depicting the survey area as well as boundaries of **potentially jurisdictional wetlands. Field effort, data reductions and reporting should be completed within 4 weeks and ahead of allotted schedule.**

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**
TriCoeur Services, L.L.C.	Bridge	H.013098.5	Off System Bridge Program, Vernon Parish Jim Cryer Road Bridge, Stage 3 – Part IV Final Plans	\$36,914
	Bridge	H.013122.5	Off System Bridge Program, Ouachita Parish Sligo Road Bridges, Stage 3 – Part IV Final Plans	\$7,668
Civil Design & Construction, Inc.	Surveying	4400017597	Rural Bridge Replacement Initiative (Districts 03, 07, 61, & 62)	\$7,235
	Surveying	4400017091 TO-2	LWI Statewide Modeling R5 – Task Order #2	\$148,086
	Surveying	4400017091 TO-3	LWI Statewide Modeling R5 – Task Order #3	\$246,123
ELOS Environmental, LLC	Environmental	H.013958	Rural Bridge Replacement Initiative: Carpenters Br Rd Over Whiskey Chitto	\$842
	Environmental	H.013970	Rural Bridge Replacement Initiative: LA 717 Klondike Canal & Bayou Bridges	\$279
	Environmental	H.013976	Rural Bridge Replacement Initiative: LA 376 Bayou Bridges	\$4,681
	Environmental	H.013984	Rural Bridge Replacement Initiative: LA 16 Bridges (Isabel to Sun)	\$241
	Environmental	H.014242	Phase II Rural Bridge Replacement Initiative: LA-124 Big Branch, Sandy Creek, Godfrey Creek, Beech Creek	\$3,685
	Environmental	H.014243	Phase II Rural Bridge Replacement Initiative: LA-472 Indian Creek and Big Bear Creek	\$30
	Environmental	H.014245	Phase II Rural Bridge Replacement Initiative: LA-119 Creeks & Bayou Pierre	\$30
	Environmental	H.014246	Phase II Rural Bridge Replacement Initiative: LA-1199 Creeks & Spring Creek	\$30
	Environmental	H.014247	Phase II Rural Bridge Replacement Initiative: LA-399 Creeks, Little 6 Mile Creek, Little 6 Mile Creek, Relf. & Flat Branch	\$164

	Environmental	H.014248	Phase II Rural Bridge Replacement Initiative: LA-124 Creeks, Broke Leg Bayou, Boggy Bayou	\$30
	Environmental	H.014249	Phase II Rural Bridge Replacement Initiative: LA-126 Creek	\$221
	Environmental	H.014250	Phase II Rural Bridge Replacement Initiative: LA-577 Creek & Bull Bayou	\$298
	Environmental	H.014268	Phase II Rural Bridge Replacement Initiative: LA-4 Creeks, Bear, Sugar	\$1,341
	Environmental	H.014267.5	Savanne Road Over Hanson Canal	\$5,668
	Environmental	H.014265	N. River Road Bridge	\$5,943

(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.

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

Name: Public Address:
TriCoeur Services, LLC Mr. Barry P. Gahagan, PE, PLS9270 Siegen Lane, Suite 501
Baton Rouge, Louisiana 70810

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0004660	Active	09/16/2010	03/31/2023	Mr. Barry Patrick Gahagan # PE.0021586 - Active

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

Name: Public Address:
TriCoeur Services, LLC Mr. Barry P. Gahagan, PE, PLS9270 Siegen Lane, Suite 501
Baton Rouge, Louisiana 70810

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000653	Active	09/16/2010	03/31/2023	Mr. Barry Patrick Gahagan # PLS.0004834 - Active

LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Barry Patrick Gahagan

License/Certificate Type - Number	Expiration Date
PE.0021586	03/31/2024

Status: Active

LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mrs. Karla Ewing Weston

License/Certificate Type - Number	Expiration Date
PE.0031010	03/31/2022

Status: Active

LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Christopher Lyle Ballard

License/Certificate Type - Number	Expiration Date
PLS.0005033	09/30/2022

Status: Active

LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Barry Patrick Gahagan

License/Certificate Type - Number	Expiration Date
PLS.0004834	03/31/2024

Status: 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. Plan and Document Reviews QA/QC will be in conformance with minimum satisfactory requirements LADOTD guidelines as graded in Appendix G of the BDEM Part 1, Chapter 3 – Policy for QA/QC

The designer will conduct a design review of all documents prior to submitting the documents to the Department's Project Manager.

This review will include, as a minimum, the following activities:

- 1) Compliance with project requirements.
- 2) Technical accuracy and adequacy.
- 3) Compatibility with other associated project documents.
- 4) Compliance with previous review comments.

The Project Manager will prepare a memorandum documenting the basis of the review, the specific items that were reviewed, the findings of the review, and the follow-up, if any, that was accomplished. Copies of this memorandum will accompany each review submittal.

2.4 Design Documentation Requirements

To facilitate QC reviews of the project, the designer will prepare a written "Project Design Criteria Report" at the onset of the work. A copy of this document will be submitted at the onset of work for the project and will serve as the basis for reports, design analyses, and plans preparation.

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
Civil Design & Construction, Inc.	P.O. Box 857 Port Allen, LA 70767	Karla E. Weston, PE, President kweston@cdcbr.com	225-765-1802
ELOS Environmental, LLC	607 W. Morris Avenue Hammond, LA 70403	Drake Arnone, President of Business Development darnone@elosenv.com	985-662-5501

(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.