


DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised December 12, 2024)

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

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

1. Contract Name as shown in the advertisement	LOUISIANA AVE OVER CONTRABAND BAYOU CALCASIEU PARISH
2. Contract Number(s) as shown in the advertisement	4400030640
3. State Project Number(s), if shown in the advertisement	H.015947.5
4. Prime consultant name (Exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation. <u>Screenshot from SOS at the end of Section 20)</u>	TriCoeur Services, L.L.C.  (Louisiana charter number 40282112K)
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, Bldg. 501, Baton Rouge, LA 70810
7. Prime consultant physical address (existing, if location is used as an evaluation criteria)	9270 Siegen Lane, Bldg. 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

Prime Consultant: TriCoeur Services, L.L.C.

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.

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.



Signature above shall be the same person listed in Section 9:

Date: April 10, 2025

Firm(s):

Firm(s)' %:

Not applicable

12. Discipline Table:

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

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

Disciplines	% of Overall Contract	Prime TriCoeur Services, LLC	Firm B Landsource, Inc.	Firm C ECS SOUTHEAST, LLC			Each Discipline must total to 100%
Bridge	63.3%	100%					100%
Survey	28.1%	10%	90%				100%
Environmental	8.6%	4%		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%			


Prime Consultant: TriCoeur Services, L.L.C.

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify “Other (must specify)” and include the classification title inside the parentheses.

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

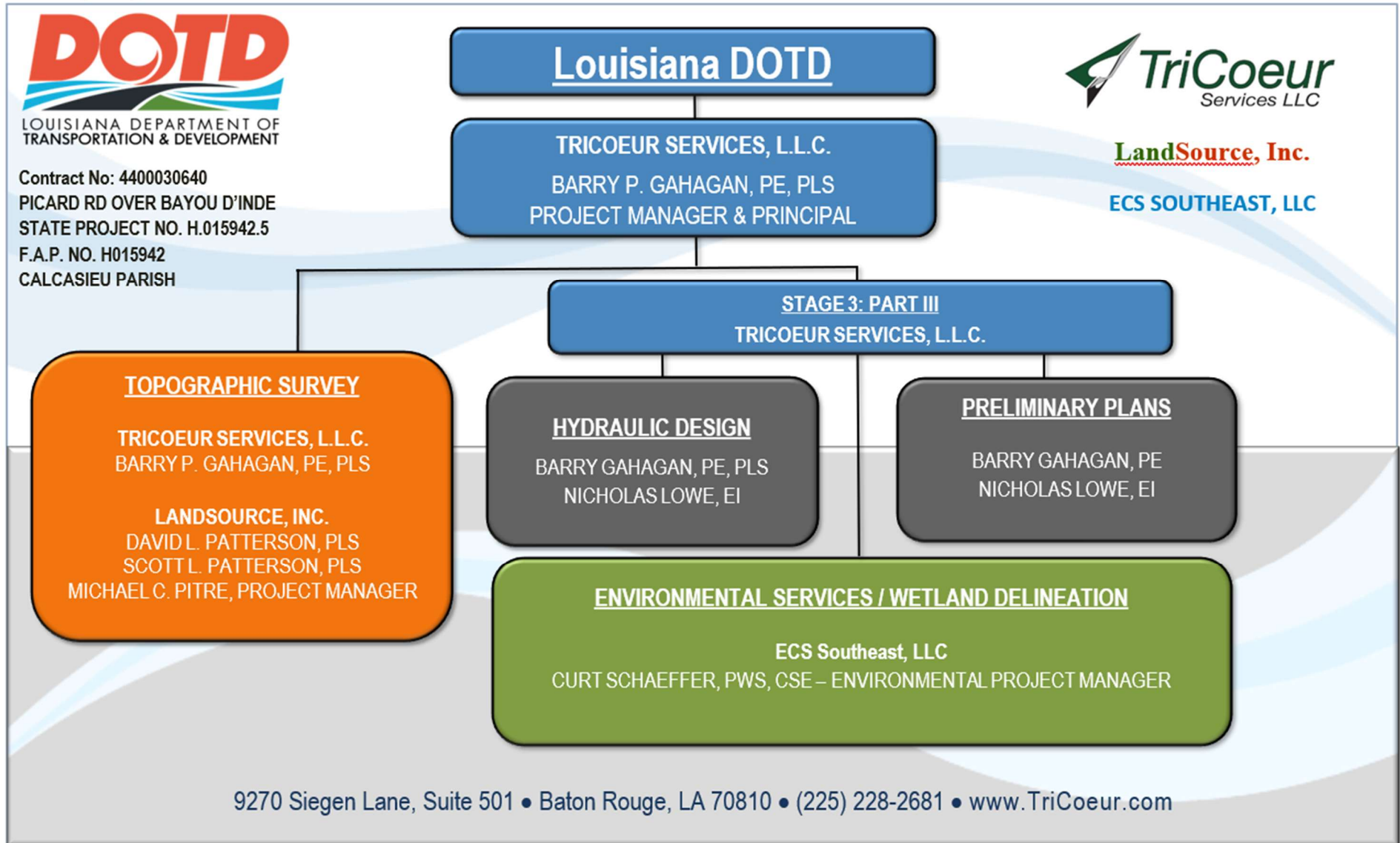
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
 TriCoeur Services, L.L.C.	Engineer	1	5
	Engineer – Intern	1	1
	CADD Drafter	1	1
	Party Chief	0	1
	Sub-Total	3	8
LandSource, Inc.	Surveyor	2	2
	CADD Technician	2	3
	Clerical	1	1
	Administrative	2	2
	Party Chief	2	4
	Technician	1	1
	Sub-Total	10	13
ECS SOUTHEAST, LLC	Environmental Pro	1	2
	Supervisor - Other	1	1
	Sub-Total	2	3
Total		15	24

Prime Consultant: TriCoeur Services, L.L.C.

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.



Prime Consultant: TriCoeur Services, L.L.C.


15. Minimum Personnel Requirements:

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

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	Barry P. Gahagan, PE		PE /Civil 21586	LA	3/31/2026
2	Barry P. Gahagan, PE		PE /Civil 21586	LA	3/31/2026
3	Barry P. Gahagan, PE		PE /Civil 21586	LA	3/31/2026
4	David L. Patterson, PLS	LandSource, Inc.	PLS.0004784	LA	3/31/2027
4	Scott L. Patterson, PLS		PLS.0005246	LA	9/30/2025
5	Curt Schaeffer, PWS, CSE	ECS SOUTHEAST, LLC	---	N/A	N/A

16. Staff Experience:

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

Firm employed by TriCoeur Services, L.L.C.			
Name	Barry P Gahagan, P.E., P.L.S.		Years of relevant experience with this employer
Title	Projects Principal		Years of relevant experience with other employer(s)
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 / 3/31/2026
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).		
08/23- Current	SP No. H015051 OSB Plaquemines Parish (Martin Lane Over Drainage Canal) Project Manager/ coordinated with Parish/ directed topographic survey/ designed horizontal and vertical geometrics for approach roadways/ established bridge span configuration/ completed drainage design of new slab span bridge replacement for Hurricane Protection Levee crossing.		
12/18 Current	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 Current	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. Initiated (5) 48ft spans alternative of (6) 40ft spans to improve debris passage and gained economic 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.

16. Staff Experience:

Firm employed by TriCoeur Services, L.L.C.				
Name	Nicholas Lowe, EI		Years of relevant experience with this employer	4
Title	Engineer Intern		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			Bachelor of Science/2019/ Civil Engineering LSU	
Active registration number / state / expiration date			EI 0034695 / Louisiana / 9/30/2026	
Year registered	2020	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Engineer Intern	
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).			
08/23- Current	SP No. H015051 OSB Plaquemines Parish (Martin Lane Over Drainage Canal) Assisted in preparation of plan/profile, geometric calculations, and preliminary plan preparation for horizontal and vertical geometrics for approach roadways/ established bridge span configuration/ completed drainage design of new slab span bridge replacement for Hurricane Protection Levee crossing.			
12/19 Current	-	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 Assisted preparation of drainage plan/profiles, quantity calculations, and final plan preparation for approach roadways and culvert configuration/ plan preparation of two multiple RCB crossing sites in place of existing bridge structures along existing skewed alignments in FEMA floodways.		
02/19 03/22	-	East Feliciana Parish Project No. PW1178-DR 4277 LA (FEMA) (Carruth Road Bridge) TS, PP & FP Provided topographic survey and Construction Engineering support for approach roadways and bridge span configuration/ developed structure type size and location recommendation and reviewed plan preparation for a multi span LG25 crossing bridge crossing of the Lateral and Comite Creek Relief structure north of Clinton, LA.		
02/19 04/22	-	East Feliciana Parish Project No. PW1190-DR 4277 LA (FEMA) (John Thomas Lane Bridge) TS, PP & FP Provided topographic survey and Construction Engineering support for approach roadway and bridge span configuration/ reviewed plan preparation for a multi concrete slab crossing as a cost saving alternative to damaged timber bridge crossing of the Waterfall Bayou structure south of Clinton, LA.		
02/23 present	-	West Feliciana Parish Project No. 16-HMP-PW-02 (FEMA) (Plettenberg Road Bridge) TS, PP & FP Provided project final plan support, supplemental topographic survey/ designed detour geometrics along sharply curved alignment in/ assisted in development of ROW taking sketches /reviewed structure alternative span 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.		

16. Staff Experience:

Firm employed by LandSource, Inc.			
Name	David L. Patterson, P.L.S.		Years of relevant experience with this employer
Title	President		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	Louisiana State University, B.S., 4 years, Construction Technology		
Active registration number / state / expiration date	04784 / LA / 03/31/2025		
Year registered	29	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities	Principal-in-Charge/Project Manager/Land Surveyor - Mr. Patterson has & will serve as Principal-in-Charge, Project Manager & Professional Land Surveyor on the projects listed below and the advertised project. He will oversee all project activities.		
2021	S.P. No. H.014318 Site 1, Off-System Highway Bridge Program, East Baton Rouge Parish. Responsibilities included topographic survey to replace one bridge. (2021)		
2021	S.P. No. H.014318 Site 2, Off-System Highway Bridge Program, Rapides Parish. Responsibilities included topographic survey to replace two bridges. (2021)		
2020	S.P. No. H.014223, Off-System Highway Bridge Program, Vermillion Parish. Responsibilities included topographic survey to replace one bridge. (2020)		
2020	S.P. No. H.014261, Off-System Highway Bridge Program, Rapides Parish. Responsibilities included topographic survey to replace two bridges. (2020)		
2018	S.P. No. H.013122, Off-System Highway Bridge Program, Ouachita Parish. Responsibilities included topographic survey to replace two bridges. (2018)		
2018	S.P. No. H.013098, Off-System Highway Bridge Program, Vernon Parish. Responsibilities included topographic survey to replace one bridge. (2018)		
2014	S.P. No. H.010626.5, Off-System Highway Bridge Program, Jefferson Parish. Responsibilities included topographic survey to replace one bridge. (2014)		

16. Staff Experience:

Firm employed by LandSource, Inc.			
Name	Scott L. Patterson, P.L.S.		Years of relevant experience with this employer
Title	Project Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	Louisiana State University, B.S., 4 years, Construction Management		
Active registration number / state / expiration date	05246 / LA / 09/30/2025		
Year registered	3	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities	Project Manager		
2021	S.P. No. H.014318 Site 1, Off-System Highway Bridge Program, East Baton Rouge Parish. Responsibilities included topographic survey to replace one bridge. (2021)		
2021	S.P. No. H.014318 Site 2, Off-System Highway Bridge Program, Rapides Parish. Responsibilities included topographic survey to replace two bridges. (2021)		
2020	S.P. No. H.014223, Off-System Highway Bridge Program, Vermillion Parish. Responsibilities included topographic survey to replace one bridge. (2020)		
2020	S.P. No. H.014261, Off-System Highway Bridge Program, Rapides Parish. Responsibilities included topographic survey to replace two bridges. (2020)		
2018	S.P. No. H.013122, Off-System Highway Bridge Program, Ouachita Parish. Responsibilities included topographic survey to replace two bridges. (2018)		
2018	S.P. No. H.013098, Off-System Highway Bridge Program, Vernon Parish. Responsibilities included topographic survey to replace one bridge. (2018)		
2014	S.P. No. H.010626.5, Off-System Highway Bridge Program, Jefferson Parish. Responsibilities included topographic survey to replace one bridge. (2014)		

16. Staff Experience:

Firm employed by LandSource, Inc.				
Name	Michael C. Pitre, CST		Years of relevant experience with this employer	24
Title	Field Coordinator		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization			T.H. Harris Technical College, Associate’s Degree, 2 yr., Civil Engineering Technology	
Active registration number / state / expiration date			CST Level III Certified, LA License #1003-1863 / LA / 06/30/2025	
Year registered	22	Discipline	Survey Coordinator	
Contract role(s) / brief description of responsibilities			Survey Coordinator - Mr. Pitre has & will serve as Survey Coordinator on the projects listed below and the advertised project. He will coordinate survey crews and CADD personnel.	
2021	S.P. No. H.014318 Site 1, Off-System Highway Bridge Program, East Baton Rouge Parish. Responsibilities included topographic survey to replace one bridge. (2021)			
2021	S.P. No. H.014318 Site 2, Off-System Highway Bridge Program, Rapides Parish. Responsibilities included topographic survey to replace two bridges. (2021)			
2020	S.P. No. H.014223, Off-System Highway Bridge Program, Vermillion Parish. Responsibilities included topographic survey to replace one bridge. (2020)			
2020	S.P. No. H.014261, Off-System Highway Bridge Program, Rapides Parish. Responsibilities included topographic survey to replace two bridges. (2020)			
2018	S.P. No. H.013122, Off-System Highway Bridge Program, Ouachita Parish. Responsibilities included topographic survey to replace two bridges. (2018)			
2018	S.P. No. H.013098, Off-System Highway Bridge Program, Vernon Parish. Responsibilities included topographic survey to replace one bridge. (2018)			
2014	S.P. No. H.010626.5, Off-System Highway Bridge Program, Jefferson Parish. Responsibilities included topographic survey to replace one bridge. (2014)			

16. Staff Experience:

Firm employed by ECS SOUTHEAST, LLC			
Name	Curt Schaeffer, PWS, CSE		Years of relevant experience with this employer
Title	Environmental Project Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS/2001/Botany/Aquatic Ecology BS/1998/Environmental Biology, Botany and Plant Pathology	
Active registration number / state / expiration date		Certified Professional Wetland Scientist #3768 / 01/28/29	
Year registered	01/2024	Discipline	--
Contract role(s) / brief description of responsibilities		As an Environmental Project Manager, Mr. Schaeffer conducts field work and supervises field crew(s) performing wetland delineation and listed species assessments. He is responsible for GPS data collection and GIS mapping of pertinent data and coordinating the acquisition of a jurisdictional determination from the USACE. He also utilizes publicly available data to document pertinent project-related information.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Start MM/YY – End MM/YY	Role Title. Project Name, City, State. Describe your role and give brief details on the project.		
04/22 - Present	ECS Southeast, LLC, Environmental Project Manager.		
11/24 – Present	Westover Data Center, Westover, AL, Environmental Project Manager. Wetland delineation, GPS/GIS, listed species assessment, listed species assessment, preliminary cultural assessment.		
10/24 – Present	Oppelo Bottoms, Oppelo, Environmental Project Manager. Wetland delineation, GPS/GIS, jurisdictional determination request package.		
09/24 – Present	Rio Hondo Solar, Dequincy, LA, Environmental Project Manager. Wetland delineation, GPS/GIS, listed species assessment.		
08/24 – Present	Project Peach, Campbellton, GA, Environmental Project Manager. Wetland delineation field work only.		
04/24 - Present	H.015051, Martin Lane Bridge Site Wetland Determination, Port Sulphur, LA, Environmental Project Manager. Wetland delineation.		
03/24 – 06/24	St. James/Vacherie Solar, St. James Parish, LA, Environmental Project Manager. Wetland delineation, GPS/GIS.		
01/24 – 02/24	0 WARE STREET (32.31 acres), Pearl, MS, Environmental Project Manager. Wetland delineation, listed species assessment, GPS/GIS, jurisdictional determination, cultural investigations and permitting tasks. Also reviewed state and federal (USFWS IPaC) listed species databases and performed preliminary surveys for potential listed species that may occur onsite and documented findings in a formal report.		
01/24 – Present	Alabama National Cemetery, Montevallo, AL, Environmental Project Manager. Wetland delineation, GPS/GIS, listed species assessment, species-specific surveys.		
11/23 – Present	Red River Parish Port Authority, Hanna, LA, Environmental Project Manager. Wetland delineation, GPS/GIS, jurisdictional determination request package, USACE site visit.		

10/23 – Present	Gumbo Solar, Ville Platte, LA, Environmental Project Manager. Wetland delineation, GPS/GIS, listed species, cultural, jurisdictional determination, permitting	
09/23 – 11/23	ADKN Railroad Property, Opelousas, LA, Environmental Project Manager. Wetland delineation, GPS/GIS.	
03/23 – 07/23	Cypress Harvest Solar, Plaquemine, LA, Environmental Project Manager. Wetland delineation, GPS/GIS, listed species.	
12/22 – 01/24	Innovation Park, Baton Rouge, LA, Environmental Project Manager. Wetland delineation, GPS/GIS, jurisdictional determination request package.	
10/22 – 10/23	Rocking R Solar, Hosston, LA, Environmental Project Manager. Wetland delineation, GPS/GIS, listed species.	
08/22 – 01/23	Dolet Hills Solar, Mansfield, LA, Environmental Project Manager. Wetland delineation, listed species, GPS/GIS.	
04/22 – 08/22	Confidential Site, Mobile, AL, Environmental Project Manager. Wetland delineation, GPS/GIS.	
08/21 – 03/23*	LADOTD, Environmental Specialist III, Baton Rouge, LA. Performed wetland delineations, listed species assessments, NEPA evaluations and/or categorical exclusions for various projects throughout the state of Louisiana. Projects are listed below.	
08/21 – 03/23*	H.010108 – Independence, LA H.002176 – Melville Bridges H.014503 – Gaddis (LA-17) H.012061 – Bayou Moreau H.012535 – Hanson Canal Bridge H012991 – Jeanerette H.004113 – Brown Industries, Bush, LA H.010698 – Riverbarge RR Crossing H014506 – I-10 Offramp H.011684 – Starring Lane H.014499 – LA-35 H.014476 – LA-135 H.013880 – I-10 Service Road Transfer (Slidell) H.005734 – Livingston Wetlands Verification	H.014634 – RR Crossing – Ascension Parish H.014317 – Carey Street Pavement Rehabilitation H.014370 – Post Oa Road: Benton to Division H.011598 – LA-8: LA-119 to LA-1 H.013617 – I-610 Interchange Lighting H.012538 – LA-164 Bridges H.010245 – LA-389: Monroe Whitman H.012962 – LA-155, LA-148, LA-199: AST Preliminary Plan H.014197 – Tensas Levee H.014560 – Vermillion River Bridge Replacement H.014837 – LA-30 : LA-74 – EBR P/L H.012752 – LA-46 at Weinberger Road Intersection H.010015 – Bayou D 'Arbonne H.014754 – LA-523: Left Turn Lanes at Ashley Bridge
07/19 – 04/21*	EcoGenesis, LLP, Senior Scientist, LA. As a senior scientist, Mr. Schaeffer conducted field work and supervised field crew(s) for vegetation and hydrologic data collection, data analysis and reporting, develop mitigation banking instruments, address responses from the Integrated Regulatory Team, develop native species planting plans according to hydrologic zone and monitor vegetation success over time.	
05/20 – 04/21*	IMG (Cherry Lake) Mitigation Bank – Immokalee, FL, Senior Scientist. Development of mitigation banking instrument, grading and native species planting plan, monitoring program, groundwater level monitoring and invasive species eradication/maintenance program. Vegetation data collection, analysis and reporting.	
07/19 – 04/21*	Willow Lake Mitigation Bank, Cameron Parish, LA, Senior Scientist. Development of mitigation banking instrument, grading and native species planting plan, monitoring program, groundwater level monitoring and invasive species eradication/maintenance program. Vegetation data collection, analysis and reporting.	

*Performed with previous employer

16. Staff Experience:

Firm employed by ECS SOUTHEAST, LLC				
Name	Pam Tuten		Years of relevant experience with this employer	1
Title	Environmental Project Manager		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		BS/2007/Marine Biology		
Active registration number / state / expiration date				
Year registered		Discipline	N/A	
Contract role(s) / brief description of responsibilities		Ms. Tuten is an Environmental Senior Project Manager for ECS with over 16 years of experience in the environmental consulting field and 11 years of experience performing wetland delineations. She is responsible for preparation of permitting applications including USACE Section 10/404 CWA Individual Permitting and Nationwide Permitting, Georgia EPD and Local Stream Buffer Variances, Jurisdictional Determinations and Delineations. She has secured over 20 Individual Permits as well as hundreds of Nationwide Permits. She has worked on permit applications throughout the southeast including Louisiana, North Carolina, South Carolina, Mississippi, Alabama, and Georgia.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Start MM/YY – End MM/YY	Role Title. Project Name, City, State. Describe your role and give brief details on the project.			
10/23 - 01/24	GEISMAR FACILITY, LADOTD RIGHT-OF-WAY PERMITTING, GEISMAR, LA, Environmental Senior Project Manager. ECS provided wetlands consulting services for the site including permitting discussions and strategy for their site layout selection phase.			
01/24 – 02/24	0 WARE STREET (32.31 acres), PEARL, MS, Environmental Senior Project Manager. ECS performed wetland delineation and listed species assessment, GPS mapping and GIS/ArcMap processing, data analysis, and jurisdictional determination, cultural investigations and permitting tasks.			
01/24 – 02/24	YAKULT CARTERSVILLE SITE WETLAND DELINEATION, CARTERSVILLE, GA, Environmental Senior Project Manager. ECS performed a Waters of the U.S. delineation study at the site consisting of an approximate 53-acre portion of two parent parcels totaling approximately 101.98 acres.			
05/24 – 07/24	EUHARLEE CREEK DOCK ADDITION WETLAND DELINEATION, BARTOW COUNTY, GA, Environmental Senior Project Manager. ECS performed a wetland/stream delineation for the site which consisted of portions of three parcels totaling approximately 22.54 acres. ECS also prepared and submitted the necessary documentation to request a site visit by a representative of the USACE to verify the jurisdictional waters/wetland boundaries and to classify streams at the site. ECS also assisted with obtaining the 404 Nationwide Permit and the 401 Water Quality Certification regarding the potential impacts associated with the project.			
05/24 – 06/24	STACK – FACTORY SHOALS ROAD WETLAND DELINEATION, LITHIA SPRINGS, GA, Environmental Senior Project Manager. ECS performed a wetland delineation and prepared a Waters of the US (WOUS) report for the site consisting of four parcels totaling approximately 22.2 acres.			

04/24 – 05/24	US HIGHWAY 78 PROPOSED WASTEWATER FORCE MAIN SITE WETLANDS PERMITTING, ST. GEORGE, SC, Environmental Senior Project Manager. ECS performed wetlands services for the site consisting of an approximate 13,000 LF x 50 LF proposed wastewater line corridor totaling approximately 15 acres. ECS also assisted with the Nationwide (NWP) 404/401-Wetland/Stream Permitting & OCRM CZC Certification, Coastal Zone Consistency Certification and 401 Permitting.
03/24 – 04/24	AVALON PARKWAY TRACT – WETLAND DELINEATION, MCDONOUGH, GA, Environmental Senior Project Manager. ECS performed a Waters of the U.S. Delineation at the site consisting of two parcels totaling approximately 13.68 acres and provided a final report.
11/23 – 05/24	MEYERS LANDING WETLAND PERMITTING – NWP 404/401 & CZC, SUMMERVILLE, SC, Environmental Senior Project Manager. ECS prepared the Pre-Construction Notification Application for a Nationwide Permit (NWP) 29 for the Residential Development for Myer's Landing.
04/23 – 11/23	TALMADGE AVENUE SITE WETLANDS CONSULTING SERVICES, GARDEN CITY, GA, Environmental Senior Project Manager. ECS provided wetlands consulting services for the site consisting of three parcels totaling approximately 192.6 acres and provided Verification Services - USACE/Georgia Environmental Protection Division (GA EPD).

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.			Discipline(s)		Bridge	
Project name	Martin Lane Over Drainage Canal				Firm responsibility (prime or sub?)		Prime
Project number	State Project No. H015051	Owner's name		Louisiana DOTD			
Project location	Plaquemines Parish			Owner's Project Manager		Barbara Ostuno, PE	
Owner's address, phone, email		1201 Capital Access Road, (225) 379-1047, Barbara.Ostuno@LA.GOV					
Services commenced by this firm (mm/yy)		05/23	Total consultant contract cost (\$1,000's)				94.231
Services completed by this firm (mm/yy)		08/25 (est)	Cost of consultant services provided by this firm (\$1,000's)				94.231 (est)

As Prime Consultant, conducted Project Kickoff meeting with the Parish, coordinated Environmental and Topographic survey efforts, prepared preliminary bridge replacement plans for this rural local roadway and hydraulic analyses of the drainage canal crossing (pumped drainage/polder system), designed horizontal and vertical geometrics for the approach roadway levee crossing and bridge span configuration with emphasis on providing safe travel while minimizing impact to adjacent residents. All current members of the TriCoeur OSB Team have been involved in this project and performed in Louisiana. **All current members of the TriCoeur staff** were involved in this project and 100% performed in Louisiana.

Firm name	TriCoeur Services, L.L.C.			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, Barbara.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.

17. Firm Experience:

Firm name	TriCoeur Services, L.L.C.			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, Barbara.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, Barbara.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, Barbara.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 maintain travelway 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.					

Prime Consultant: TriCoeur Services, L.L.C.



17. Firm Experience:

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

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

The project's objective was to develop plans for the replacement of one (1) bridge in Rapides Parish, which was off the State Highway System. LandSource, Inc. was responsible for all the surveying, which included topographic, field and right-of-way surveys. All LandSource personnel listed on the prime's organizational chart were involved in this project & will be utilized in any future projects. 100% of the work was performed in Louisiana.

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

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

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

Firm	LandSource, Inc.		Discipline(s)		Survey		
Project name	Airport Road Near Bison Road				Firm responsibility (prime or sub?)		Sub
Project number	State Project No.	Owner's name	LA Dept. of Transportation & Development				
Project location	Acadia Parish			Owner's Project Manager		William C. Monroe	
Owner's address, phone, email		11325 Pennywood Avenue, Baton Rouge, LA 70809; 225-293-1905; wcm@monroecorie.com					
Services commenced by this firm (mm/yy)			Total consultant contract cost (\$1,000's)				
Services completed by this firm (mm/yy)			Cost of consultant services provided by this firm (\$1,000's)				\$3000.00

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

The project's objective was to develop plans for the replacement of one (1) bridge in Acadia Parish, which was off the State Highway System. LandSource, Inc. was responsible for all the surveying, which included topographic, field and right-of-way surveys. All LandSource personnel listed on the prime's organizational chart were involved in this project & will be utilized in any future projects. 100% of the work was performed in Louisiana.

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

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

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

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17. Firm Experience:

Firm name	ECS SOUTHEAST, LLC		Discipline(s)*	Environmental
Project name	Martin Lane Bridge Site Wetland Determination			Firm responsibility (prime or sub?) Sub
Project number	H.015051	Owner's name	LADOTD (sub to TriCoeur Services, LLC)	
Project location	Port Sulphur, LA		Owner's Project Manager	Barry Gahagan (TriCoeur)
Owner's address, phone, email	9270 Siegen Lane, Suite 501, Baton Rouge, LA 70810 ; P : 225.228.2681; E: bgahagan@tricoeur.com			
Services commenced by this firm (mm/yy)	04/24	Total consultant contract cost (\$1,000's)	N/A	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$5	

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

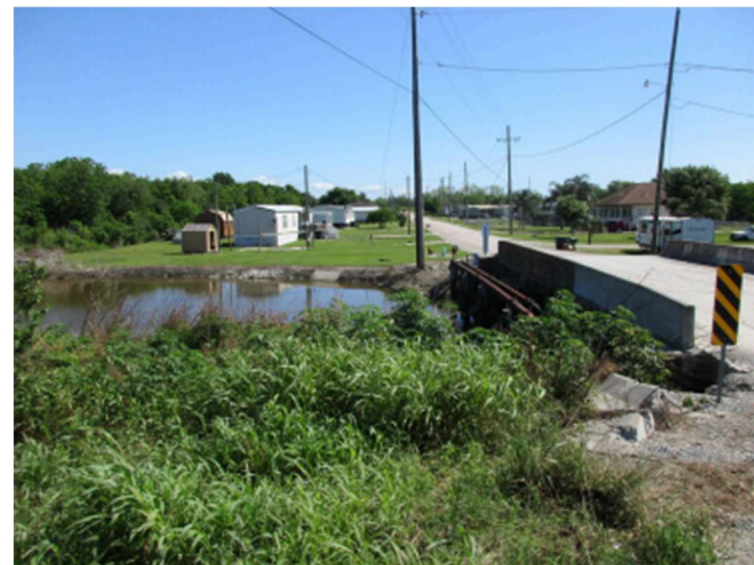
* If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent.

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

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

ECS performed a wetland delineation study at the proposed Martin Lane Bridge Site located at Martin Lane, Happy Jack, Plaquemines, Louisiana. The site consisted of an approximate one-acre portion of a larger parcel under joint ownership between the state of Louisiana and the Federal Government (drainage canal and protective federal levee). The site consisted of a drainage canal and associated bridge, maintained fields, wooded land, Martin Lane and coastal marsh. ECS prepared a report detailing the findings of the WOUS delineation.

ECS Staff: Curt Schaeffer



17. Firm Experience:

Firm name	ECS SOUTHEAST, LLC		Discipline(s)*	Environmental
Project name	Breckenridge Solar Wetland Delineation (1,089 acres)		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Carolina Solar LLC	
Project location	DeSoto, MS		Owner's Project Manager	Vann Joines
Owner's address, phone, email	2536 Durham Chapel Hill, Suite E, Durham, NC 27707, 504.410.6250, E: vjoines@carolinasolarenergy.com			
Services commenced by this firm (mm/yy)	08/23	Total consultant contract cost (\$1,000's)		\$55
Services completed by this firm (mm/yy)	10/23	Cost of consultant services provided by this firm (\$1,000's)		\$55

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

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

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

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

ECS performed a wetland delineation and listed species assessment for a proposed solar project at a 1,089-acre site in eastern Mississippi. The JD, cultural investigations and permitting tasks are currently on hold. The state and federal (USFWS IPaC) listed species databases were reviewed and preliminary surveys were performed for potential listed species that may occur onsite. Findings were documented in a formal report.

ECS Staff: Curt Schaeffer



17. Firm Experience:

Firm name	ECS SOUTHEAST, LLC		Discipline(s)*	Environmental
Project name	0 Ware Street (32.31 acres)		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	SAIA LTL Freight	
Project location	Pearl, MS		Owner's Project Manager	Jeannie Kennedy
Owner's address, phone, email	11465 Johns Creek Pkwy., Suite 330, Johns Creek, GA 30097, P: 678.336.6532, E: JKennedy@saia.com			
Services commenced by this firm (mm/yy)	01/24	Total consultant contract cost (\$1,000's)		\$36
Services completed by this firm (mm/yy)	02/24	Cost of consultant services provided by this firm (\$1,000's)		\$36

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

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

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

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

ECS performed a wetland delineation and listed species assessment for a proposed solar project in eastern Mississippi. The JD, cultural investigations and permitting tasks are currently ongoing. The state and federal (USFWS IPaC) listed species databases have been reviewed and preliminary surveys for potential listed species that may occur onsite performed.

ECS Staff: Curt Schaeffer, Pam Tutten



18. Approach and Methodology:

INTRODUCTION

The professional staff provided by the TriCoeur Services, L.L.C. (TriCoeur) team offer over **4 decades of LADOTD design experience including Off-System Bridge Replacement (OSBR)** experience with a proven record of project delivery for the OSBR program since our Firm's inception 12 years ago. Our Team has worked together providing topographic surveys, environmental / wetland delineations, and plan preparations for OSBR projects involving both standard plan and (frequent) non-standard structures while working to maintain close accord with current LADOTD procedures, design criteria, reference manuals, guidelines and checklists.

TriCoeur's team is led by **Barry Gahagan, PE, PLS** with over 40 years of design experience primarily in service to LADOTD. Since TriCoeur's inception in 2010 Barry has served as project manager on **9 LADOTD bridge replacements, as well as 5 Parish bridge replacements in general conformance with OSBR** coordinating with other federal funding sources. **Barry's design and project management experience** includes both On and Off-System bridges ranging from very low volume rural to major arterial / Interstate interchange structures. TriCoeur's survey subconsultant LandSource is led by David Patterson, PLS with over **80 LADOTD bridge replacements**. TriCoeur's team includes **ECS Southeast** who has a significant history of performing environmental (SOV, JD, & Wetland Delineation) services for LADOTD.

PROJECT UNDERSTANDING, SITE VISIT, & EXPECTED CHALLENGES

TriCoeur is familiar with the Louisiana Ave Over Contraband Bayou bridge site located just one- half mile west of McNeese University and 1.2 miles south of I-210 in Lake Charles, LA. The existing bridge is a three span precast concrete bridge facilitating a four-lane undivided roadway with no shoulders, minimal width sidewalks and atypical pipe barrier rails along what is interpreted as a suburban collector route. The adjoining land-use is a combination of light commercial, residential, and early academic uses which contribute to significant traffic volumes in proximity to the University. We are familiar with project challenges including utility coordination, maintenance of traffic, right-of-way constraints, and access concerns.



KICKOFF MEETINGS

Following the NTP, TriCoeur will meet with the OSBR Program Manager and staff to discuss the project, review the schedule, receive LADOTD field books, review any program guideline changes, invoice requirements, and establish communication protocols. Our project schedule will be based on critical path items with concurrent items being utilized to **expedite project delivery**.

TriCoeur will also meet onsite with **Parish** representatives prior to the start of topographic surveys consistent with the OSBR Guidelines. Additional items such as planned corridor improvements, hydraulics, structure preferences and corridor users will be discussed. Previous 5-years crash history will also be requested at this meeting. Meeting minutes for both meetings will be provided within 3 days of the meeting for review.

TOPOGRAPHIC SURVEY

TriCoeur's engineering staff will work closely with survey staff during this phase to ensure that all required data is collected, completed, and reported in accordance with LADOTD Off-System Bridge Guidelines.

GPS control will be established using at minimum four (4) control points set in concrete with digital levels run with horizontal and vertical closure verified by conventional methods. Initial field data including existing bridge limits, channel and roadway limits will be shared with Engineering to facilitate existing alignment geometrics enabling stabling and alignment stakeouts in advance of roadway cross sectioning.

Bridge sketches will be prepared, and the channel traverses shown on the field roll. Channel sections will be of appropriate location and number sufficient both for accurate digital terrain modelling and for hydraulic modelling/analysis.

Survey data will undergo thorough QC/QA with review by both the surveyor, party chief and engineering project manager for completeness and accuracy prior to review submittal.

PRELIMINARY PLAN PHASE DEVELOPMENT

50% STATUS & HYDRAULICS ANALYSIS

Hydrologic analysis will begin once site confirmation and channel / debris flow / design water surface / overtopping characteristics can be determined. Hydraulic analysis will follow with LADOTD authorization to proceed and in preparation of 50% Preliminary Plans.

-Design Criteria

TriCoeur will review the 5-year crash history of the site provided by the Parish to determine the roadway's performance. The roadway is a dead-end service primarily to boat camps. Alternative travel paths are apparent which may facilitate crossing closure for replacement construction. Traffic maintenance alternatives will be confirmed with Parish representatives at kickoff. Anticipated design criteria and LADOTD Design Report will be submitted for review and approval, guiding the remainder of plan development.

-Hydraulics & Scour Analysis

TriCoeur will begin the hydraulics and scour analysis by reviewing additional data including topographic maps, FEMA Firm maps, USGS Quadrangle maps and LiDAR to delineate the site's drainage characteristics. Peak discharges for this site are expected to be based on coastal flowing conditions. Surface elevations will be generally developed using conventional software including LADOTD's HYDR1130 and HECRAS. Hydraulic

design will be conducted in accordance with the LADOTD Hydraulics Manual; as applicable, with results reported; including the Hydraulic Data table. In this coastal site the bridge hydraulics are not anticipated to affect existing land use.

-Bridge Type Considerations

The bridge Type, Size and Location which will determine the appropriate bridge length, revetment slopes and hydraulic opening will be developed at the start of the hydraulics analysis. An RCB may be analyzed as a potential replacement structure option. If needed, TriCoeur's staff has the experience and design tools to perform non-standard bridge structure designs per LRFD methodology although none are anticipated for this site.

-50% Preliminary Plans

Once hydraulic analysis and reporting is complete, the remainder of the 50% PP will be developed including the roadway design horizontal and vertical geometry, guardrail, roadside drainage considerations, cross-sectional geometrics and transitions. The roadway will be modeled to determine the limits of construction. Plans will be developed in accordance with LADOTD plan preparation and OSBR Guidelines. Should Design Exceptions or Waivers be recommended, Draft forms will be submitted for DOTD and Parish consideration.

75% STATUS (PRE-PIH) & SOLICITATION OF VIEWS (SOV's)

Following the 50% Preliminary Plan review, TriCoeur will address all comments and will; unless otherwise directed, advance plans to a Pre-PIH review status. Should this project's scope clarity be confirmed at the 50% status this proceed to Plan in Hand without the submittal of Pre-PIH plans, aiding in project delivery. Upon approval of the replacement structure, TriCoeur and ELOS Environmental will prepare the Solicitation of Views (SOVs), receive LADOTD approval thereof and mail these to the recipient list provided by LADOTD Environmental Section. Responses will be logged and loops closed to all SOV responses.

95% STATUS (PLAN IN HAND)

Comments from the preceding review(s) will be addressed in the Plan in Hand submittal. The roadway model, typical sections, plan & profiles, general notes, general bridge plan, summary of estimated quantities, and construction signing will be developed from the previous plan submittal(s). No superelevation is anticipated for this tangent alignment. Standard Plan lists, cost estimate and the Constructability & Biddability Review form will be provided. TriCoeur will attend the Plan in Hand meeting onsite with LADOTD and Parish representatives. Meeting notes will be provided within one week of receipt of compiled participating stakeholder comments.

100% STATUS (POST PLAN-IN-HAND PRINTS)

Plan development will continue to progress as comments are addressed and major design elements are completed. Items discussed at the PIH meeting will be addressed and added to the plans per the PIH Meeting Memorandum.

-Environmental

The wetland delineation will be initiated upon authorization and will be conducted onsite. A wetland findings report prepared in accordance with US Army Corps of Engineers (USACE) guidelines. A Preliminary Jurisdictional Determination (PJD) will be requested from the USACE upon report completion. Permit sketches sized 8.5"x11" will be prepared to accompany the wetlands report, SOV packet, and Environmental Determination Checklist.

-R/W Sketches & Other Documents

TriCoeur will prepare the Right of Way Sketch per OSBR guidelines showing any required taking lines and anticipated parcels affected along with a draft of the R/W agreements. A draft utility conflict assessment will be provided to the Parish to aid in required utility relocations. In addition to the 100% Preliminary Plans, environmental package and R/W sketches, the Design Report forms will be finalized and sealed by TriCoeur's project manager. Checklists will be prepared and submitted. Pile length requests with all supporting documentation will be submitted at this stage for use by the geotechnical engineer.

FINAL PLAN DEVELOPMENT

60% FP STATUS (PRE-ADVANCED CHECK PRINTS)

Following the environmental approval and receipt of the Notice to Proceed for Final Plans, TriCoeur will promptly develop detailed plan sheets including embankment widening details, geometric layouts (if required), erosion control plans, quantity summary sheets, Pile Data & Bent Elevation, and concrete surface finish. All bridge structure and pile cutoff elevations will be finalized. Any special design superstructure or substructure bridge elements or special approach slabs will be fully detailed and placed on bridge sheets. Bridge railing, joint and bearing details will also be completed. Should nonstandard structure /component be required for the site, a draft of the bridge calculations and Load Resistance and Factor Rating (LRFR) will be prepared at this stage to ensure adequacy of reviews.

95% & 98% FP STATUS (ADVANCED CHECK PRINTS)

Comments from the Pre-ACP submittal will be reviewed with LADOTD and resolved/addressed. Additional details, notes or changes will be added to the plans and quantities will be completed. The ACP Plans will be provided to the Plan Quality Unit (PQU), if necessary. If necessary, an ACP review meeting will be held to ensure all comments are addressed. Upon resolution, 98% Final Plan plans will be prepared for review by the Chief Engineer and for use by General Files to prepare the proposal. TriCoeur will work with LADOTD staff to input pay items and quantities into AASHTOWARE and generate final cost estimates.

100% FP STATUS (TRACINGS)

TriCoeur will provide the 100% Final Plans (Tracings) as per OSBR Guidelines with the Title Sheet on Mylar for Chief Engineer signature. This submittal will be prepared once all comments are addressed from task managers, PQU and/ or the Chief Engineer. Parish granted Design Exceptions will be noted on the Title Sheet. A bound calculations book will be prepared and submitted with the original field books and an electronic copy of the Hydraulics Report.

QUALITY CONTROL AND QUALITY ASSURANCE (QC/QA)

Each submittal will be accompanied by LADOTD QC/QA certification forms. Design and plan comments, along with their resolutions will be documented in TriCoeur's Design Comment Review forms.

LETTING

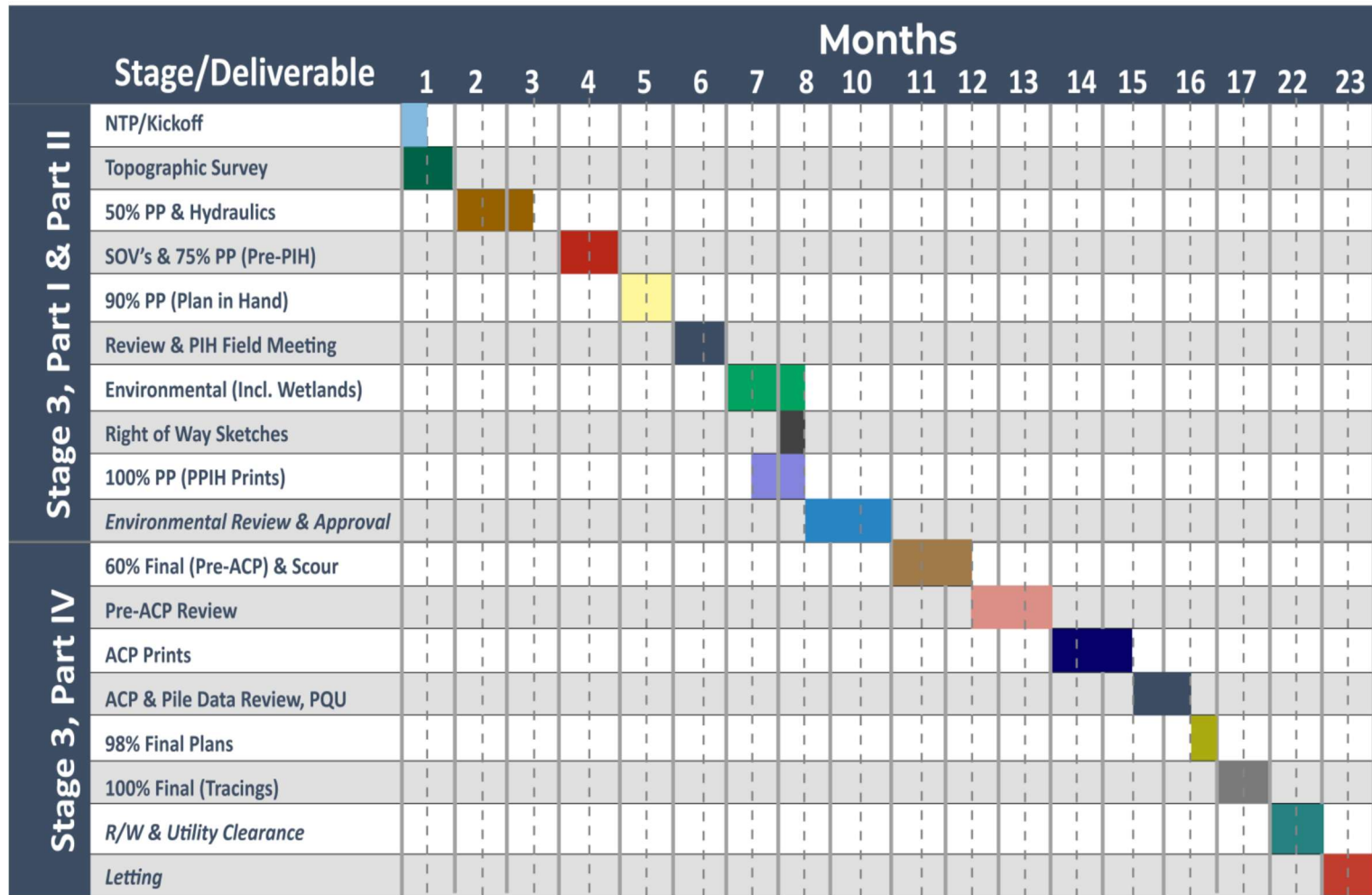
TriCoeur will be available to assist LADOTD during letting including responses to Falcon questions.

Upon receiving the bid results and tabulations, TriCoeur can; upon request, provide additional information to LADOTD as needed regarding contract award, etc.

STAGE 5: CONSTRUCTION

TriCoeur's staff will be available to assist LADOTD with Construction Support (if necessary) including RFI responses, attending meetings, and reviews of shop drawings, design review of construction modifications, and other such contractor submittals.

ANTICIPATED PROJECT 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) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
TriCoeur Services, L.L.C.	Bridge	4400025191/H.015051.5	Martin Lane over Drainage Canal	\$17,320
TriCoeur Services, L.L.C.	Other (Value Engineering)	4400024148	IDIQ for Value Engineering Services	N/A
TriCoeur Services, L.L.C.	Other (Value Engineering)	4400027920	IDIQ for Value Engineering Services	N/A
TriCoeur Services, L.L.C.	Bridge	4400013405/H.013098.5	Vernon Parish	\$27,776
TriCoeur Services, L.L.C.	Bridge	4400013386/H.013122.5	Ouachita Parish	\$41,300
Landsource	Survey	N/A		N/A
ECS SOUTHEAST, LLC	Geotech	4400024657/H.014267.5	Savanne Road over Hanson Canal	\$2,931
ECS SOUTHEAST, LLC	Geotech	4400024657/H.014259.5	Hubs Bayou and Sand Creek Bridges	\$51,973
ECS SOUTHEAST, LLC	Geotech	4400024657/H.01234.6	Port Allen Canal Bridge	\$129,360

DO NOT SUM

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

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

20. Certifications/Licenses:

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

Landsource, Inc. - Traffic Control Technician registration

Judy Brousseau Louisiana Associated General Contractors 666 North Street Baton Rouge, LA 70802 p: 225-344-0432 www.lagc.org Invoice Number: 24594		
EVENT ITEM	CONFIRMATION #	QUANTITY
Traffic Control Technician (includes 2 attendees)	22623	2
ATTENDEES	EVENT ITEMS	
Melvin Hurst provost@landsource.com	Traffic Control Technician	
Keith Hayes provost@landsource.com	Traffic Control Technician	

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Name	Type	City	Status
TRICOEUR SERVICES, L.L.C.	Limited Liability Company	BATON ROUGE	Active

Previous Names
Business: TRICOEUR SERVICES, L.L.C.
Charter Number: 40282112K
Registration Date: 8/19/2010

Domicile Address
 9270 SIEGEN LANE
 BLDG 501
 BATON ROUGE, LA 70810

Mailing Address
 9270 SIEGEN LANE
 BLDG 501
 BATON ROUGE, LA 70810

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 8/19/2010
Last Report Filed: 8/22/2024
Type: Limited Liability Company

Registered Agent(s)
Agent: AILEEN FOLEY
Address 1: 9270 SIEGEN LANE
Address 2: BLDG 501
City, State, Zip: BATON ROUGE, LA 70810
Appointment Date: 8/19/2010

Officer(s) Additional Officers
Officer: AILEEN FOLEY
Title: Manager, Member
Address 1: 9270 SIEGEN LANE
Address 2: BLDG 501
City, State, Zip: BATON ROUGE, LA 70810
Officer: BARRY GAHAGAN
Title: Manager, Member
Address 1: 332 PASTUREVIEW DRIVE
City, State, Zip: BATON ROUGE, LA 70810

Amendments on File (1)

Description	Date
Amendment	10/11/2010

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

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

Domicile Address
 6730 EXCHEQUEUR DR.
 BATON ROUGE, LA 70809

Mailing Address
 C/O DAVID L. PATTERSON
 6730 EXCHEQUEUR DR.
 BATON ROUGE, LA 70809

Principal Office Address
 6730 EXCHEQUEUR DR.
 BATON ROUGE, LA 70809

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

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

Officer(s) Additional Officers
Officer: SANCRA WILEY
Title: Treasurer
Address 1: 6730 EXCHEQUEUR DR.
City, State, Zip: BATON ROUGE, LA 70809
Officer: SUSAN B. PATTERSON
Title: Secretary, Director
Address 1: 6730 EXCHEQUEUR DR.
City, State, Zip: BATON ROUGE, LA 70809
Officer: DAVID L. PATTERSON
Title: Director, President
Address 1: 6730 EXCHEQUEUR DR.
City, State, Zip: BATON ROUGE, LA 70809

Amendments on File (8)

Description	Date
Domicile, Agent Change or Resign of Agent	4/6/1999
Domicile, Agent Change or Resign of Agent	5/20/1999
Disclosure of Ownership	12/29/1999
Domicile, Agent Change or Resign of Agent	3/12/2002
Domicile, Agent Change or Resign of Agent	1/29/2003
Appointing, Change, or Resign of Officer	2/23/2009

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21. QA/QC Plan:

TriCoeur Services, LLC

OFF-SYSTEM BRIDGE DESIGN QC/QA PLAN

for

Contract No. 4400030634

S.P. No. H.015977.5

F.A.P. No. H015977

North Achord Rd over Drainage Bayou

East Baton Rouge Parish

Prime Consultant: TriCoeur Services, L.L.C.

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- 2.0 Establish Design Criteria
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- 7.0 Bridge General Plan and Elevation
- 8.0 Bridge Plan Details
- 9.0 Plan Checking
- 10.0 Contract Document Review
- 11.0 Project Activity Log
- 12.0 APPENDIX (To Be Provided at Project Initiation)
 - A. Project Design Criteria Checklist
 - B. Project Kick-Off Meeting
 - C. Hydraulic Design Check Lists
 - D. Plan Checking QC/QA
 - E. Final Calculation Book Checklist

OFF-SYSTEM BRIDGE DESIGN QC/QA PLAN

1.0 Design Team

Team Leader & Engineer of Record	Barry Gahagan, P.E., P.L.S.
Checker	Nicholas Lowe, E.I.
Reviewer	Barry Gahagan, P.E., P.L.S.

2.0 Establish Design Criteria

Project design criteria shall be developed in accordance with the attached design criteria checklist. (Appendix A)

3.0 Project Kick-Off Meeting

Initiate and schedule a project start up meeting with LDOTD OSBR project manager and staff in accordance with attached bridge design kick-off meeting agenda checklist. (Appendix B)

4.0 T. S. & L.

Determine type, size and location (T, S & L) of proposed structure from hydraulic analysis and report. Complete hydraulic design checklists. (Appendix C)

5.0 Structure Design

5.1 If standard plan bridge, engineer of record shall request applicable standard plans from LDOTD P.M.

5.2 If special detail bridge:

1. Engineer of Record shall conduct superstructure and substructure design calculations in accordance with established AASHTO and LADOTD /OSB Project design criteria. Evaluated Loading Conditions shall include:
 - a. Dead Load
 - b. Live Load
 - c. Wind Load
 - d. Seismic Load

6.0 Pile Size & Length Determination

- 6.1 Engineer of record in conjunction with geotechnical engineer shall conduct calculations for pile size and length determination utilizing data obtained from geotechnical analysis and maximum pile load as established by standard plans or as determined from special detail substructure design. The hydraulic report shall also be reviewed for effects of scour on piles. If Geotechnical Analysis is performed by DOTD, A&A shall submit scour calculations, soil boring logs, bridge plan and elevation sheets and bridge special details with required loading to DOTD for pile design.

7.0 Bridge General Plan and Elevation

- 7.1 Engineer of record shall direct development of cad bridge plan and elevation in accordance with T.S.& L, provisions of standard plans, or special detail design.

8.0 Bridge Pan Details

- 8.1 If standard plan bridge, engineer of record shall provide instruction to insert relevant standards into plan drawing set.

- 8.2 If special detail bridge, engineer of record shall direct development of cad bridge details in accordance with results of special detail analysis of superstructure and substructure.

9.0 Plan Checking

- 9.1 The Engineer of Record shall prepare the attached QA information package checklist for each submittal stage and provide checklist and plans to Checker.

- Plan-In-Hand
- Post Plan-In-hand
 - R-W Sketches and Agreements
 - Environmental, Permit Sketches & Wetland Determination
 - Responses to all Plan-In-Hand Comments
- Pre-ACP
- ACP
- Final Tracings
 - Responses to all ACP Comments

- 9.2 A technical review of bridge plan documents shall be conducted by the project plan Checker consisting of the following:

1. Check of structural design calculations for super and substructure components, bearings, joints, and pile lengths for conformity with design criteria.
2. Check of bridge drawings developed for all primary structural components.

3. Check bridge drawings for conformance with cad standards.

4. Check all plan sheets to insure they are in accordance with DOTD's Federal Aid Off-System Highway Bridge Program as required at each stage submittal. (Appendix D)

9.3 The plan checker in association with the engineer of record and team leader shall conduct a constructability/bidability review.

9.4 Upon completion of the technical review and resultant revisions, the engineer of record shall provide a set of sealed/stamped and signed calculations for all structural elements if special details are required.

9.5 Complete attached final calculation book checklist. (Appendix E)

10.0 Contract Document Review

10.1 Upon completion of the above, the project reviewer shall ensure that the design development QC process is complete and design calculations, drawings, special provisions, cost estimates, etc. are in accordance with LDOTD bridge design practices, policies and procedures inclusive of the following items:

1. Ensure the QC/QA certification is signed by all responsible parties. Ensure the geotechnical design information shown on bridge plans is co-stamped by a Geotechnical Engineer and the hydraulic information shown on bridge plans is co-stamped by a Hydraulic Engineer. If practical, the hydraulic information and geotechnical information should be presented on separate sheets to reduce the engineering stamps on a sheet. When more than one engineering stamp is required on a sheet, the responsibilities for each engineering stamp shall be clearly defined.
2. Assemble design calculations from all designers including the final geotechnical analysis report and the hydraulic report from the geotechnical engineer and the hydraulic engineer, finalize the calculation book, and seal the cover sheet of the calculation book.
3. Ensure the names of the designer, design checker, detailer, detail checker, and reviewer are correctly shown on the title block of each plan sheet. Stamp all plan sheets or designate a designer, design checker, or reviewer who shall be licensed by the State of Louisiana as a professional engineer to stamp the sheet developed under their supervision.
4. Ensure all special provisions are accurately shown on the construction proposal.

10.2 Complete attached QA certification.

11.0 Project Activity Log

11.1 Throughout project development, all meetings, milestones, submittals, revisions, etc. shall be recorded on the attached project activity log. (Appendix F)

Signature of Official:



Supervisor

Date: 4/10/2025

Prime Consultant: TriCoeur Services, L.L.C.

22. Sub-consultant information:

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

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>)	Address	Point of Contact and email address	Phone Number
LandSource, Inc.	6730 Exchequer Drive, Baton Rouge, LA 70809	David L. Patterson, P.L.S.	225-752-0995
ECS SOUTHEAST, LLC	11211 Industriplex Blvd. Suite 300 Baton Rouge, LA 70809	Joseph Cobena, PE JCobena@ecslimited.com	225.224.2583

23. Location:

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement.**

Not applicable.