

**DOTD FORM: 24-102**

(Revised January 1, 2023)

**PROPOSAL TO PROVIDE CONSULTANT SERVICES**

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

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

1. Contract Name as shown in the advertisement	IDIQ CONTRACT FOR PROFESSIONAL BOUNDARY SURVEYING SERVICES DISTRICTS 08 AND 58
2. Contract Number(s) as shown in the advertisement	4400027917
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	 Ballard CLC, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	VF.0000193
6. Prime consultant mailing address	1009 Bayou Place, Alexandria, LA 71303
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1009 Bayou Place, Alexandria, LA 71303
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Lee Broom, Vice President of Surveying, (318) 445-6571, lbroom@ballard-clc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Lee Broom, Vice President of Surveying, (318) 445-6571, lbroom@ballard-clc.com

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

**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.



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

Date: 10/10/2023

**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.

Firm(s):

Firm(s)' %:

**12. Past Performance Evaluation 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 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 (please specify).

Past Performance Evaluation Discipline(s)	% of Overall Contract
Survey	50%
Right-of-Way	30%
Other (Title Takeoff)	20%

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

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

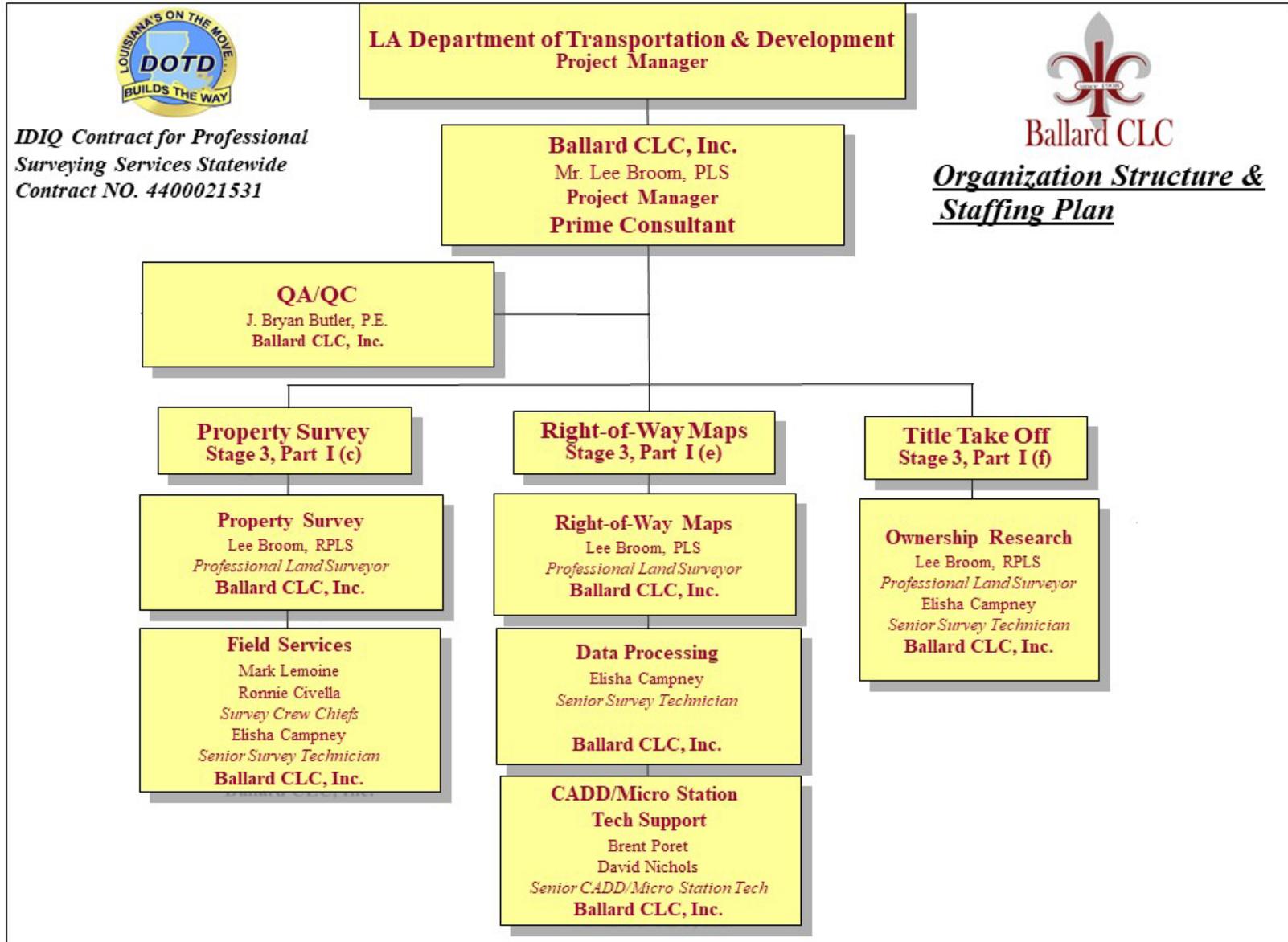
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Ballard CLC, Inc.	Surveyor	1	1
Ballard CLC, Inc.	Engineer	1	2
Ballard CLC, Inc.	CADD Technician	2	5
Ballard CLC, Inc.	Party Chief	3	3
Ballard CLC, Inc.	Rodman	1	1
Ballard CLC, Inc	Instrument Man	3	3

(Add rows as needed)

**14. Organizational Chart:**

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



**15. Minimum Personnel Requirements:**

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

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Lee T. Broom, PLS	Ballard CLC, Inc.	Professional Land Surveyor / #5190	LA	03/31/2024
2	Lee T. Broom, PLS	Ballard CLC, Inc.	Professional Land Surveyor / #5190	LA	03/31/2024

(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 Ballard CLC, Inc			
Name	LEE BROOM, PLS, RPLS		Years of relevant experience with this employer
Title	Vice President/Survey Manager/Principal		9
Degree(s) / Years / Specialization		BIS / 2014 / Surveying & GIS	
Active registration number / state / expiration date		5190 / LA / 03/31/2024	
Year registered	2017	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities		Professional Land Surveyor registered in the state of LA Manages all Survey Operations and is in Responsible Charge of all work, Survey Data Processing & Calculations for Boundary Locations, Right-of-Way Map Productions, Topographic Map Production (CADD), Subdivision Design, Boundary Survey plat productions (CADD), and Geographic Information Systems (GIS) Productions via ArcGIS software (ESRI), AutoCAD Civil 3D, and MicroStation.	
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 <b>years of experience</b> specified in the applicable MPR(s).		
2010-2021	In Field: Boundary Surveys, Topographic Surveys, Subdivision Surveys, As-Built Surveys, R.O.W. Surveys, High Accuracy GPS Control Establishment Surveys, Construction stakeout, and FEMA flood zone Elevation Certificates. Construction stakeout work includes 10,000 ft of residential roads, sewer/storm water drainage systems, parking lots, sidewalks, commercial buildings, and residential housing.		
2010-2021	In Office: Survey Data Processing (Trimble Business Center) & Calculations for Boundary Locations, Right of Way Map Production, Topographic Map Production (MicroStation), Subdivision Design, & Boundary Survey plat productions (MicroStation), and Geographic Information Systems (GIS) Productions via ArcGIS software (ESRI)		
2018-2020	LAPAC CANELAND TO SEGURA 230KV ELECTRIC TRANSMISSION LINE-BALDWIN, LA TO NEW IBERIA, LA for CLECO Power, LLC- ±50 miles of route survey and Right of way Surveying/ Acquisition support surveying for a new transmission line including a new substation; project planning; property description; deed research and abstraction, title takeoff; survey crew coordination; data procession; reduction and adjusting; construction stake-out; data preparation and creation; client relations and field point of contract		
2017-2018	Poole Road Rehabilitation – Topographic and Right of way surveying for a rehabilitation project of a ±9-mile road in the Concordia Wildlife management area for the Louisiana Wild Life and Fisheries.		
2016	Industrial Park Site Road Rehabilitation – Topographic and right-of-way surveying for DOTD/City of Alexandria rehabilitation project of ±		
2014-2016	LaPAC – CENLA EXPANSION PROJECT FOR CLECO POWER, LLA, TIOGA, LA TO BALL, LA – Assistant Project manager/Survey Technician: Ballard provided property acquisition surveying services for CLECO including Boundary, Right-of-Way/Easement, GPS Horizontal and Vertical Control, Construction Layout, Utility Location Survey, of a +/- 10 miles of new transmission line Right of Way including two new substations located in Rapides Parish Louisiana. Utilized Static and RTK GPS procedures as well as Robotic total stations for survey data collection. Performed research and courthouse abstraction for boundary reference information.		

(Add rows as needed)

Firm employed by Ballard CLC, Inc				
Name	J. Bryan Butler, P.E., / M.B.A.		Years of relevant experience with this employer	26
Title	President / Principal		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS1989/Civil Engineering/ TX A&M University MBA1994/Business Administration/TX Christian University		
Active registration number / state / expiration date		27013 / LA / 03/31/2023		
Year registered	1996	Discipline	Professional Engineer	
Contract role(s) / brief description of responsibilities		Mr. Butler is a LA Registered Professional Civil Engineer who will administer all delivery orders, communicate with project managers, and maintain day-to-day control over schedules.		
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 <b>years of experience</b> specified in the applicable MPR(s).			
2014	S.P. No. H.010599 OFF SYSTEM BRIDGE,WELCOME CEMETERY ROAD BRIDGE AT MENACE CREEK IN VERNON PARISH – Prepared Preliminary Plans for the existing bridge and evaluated alternate replacements including bridge and RCB structures. Coordinated survey and design effort for a 3-20 spans (60’) long concrete slab span bridge structure as the preferred alternate.			
1999	SP700-25-0100 & 700-31-0104: US 167 IN LINCOLN & JACKSON PARISHES– Roadway Designer. Prepared Final Plans for 8.4 km of US Hwy 167 under LTM for two additional lane construction with a 5 lane urban section. Designed drainage, detailed geometric plans, quantities and establishment of final rights-of-way. The Plans were prepared in metric format.			
1998	SP 700-20-0063 & 700-20-0064: LA 10 IN OAKDALE, LA– Roadway Designer –Prepared Preliminary and Final Plans for a new 3.2 mile, 5-lane urban roadway. This project featured numerous intersections with city streets, a subsurface drainage system, and an at-grade railroad crossing, and intersection with US 165			
1997	SP 700-20-0048: LA 8 - TEXAS LINE TO CANEY IN VERNON PARISH, LA– Roadway Designer- Preliminary and Final Plans for reconstruction of 9.2 miles of state highway. This project included a new bridge and the widening and realignment of the existing roadway, open channel drainage design and hydraulic calculations, geometric design of several intersections, earthwork and cross sections. The plans were prepared in Metric format.			
1996-2006	SP 742-07-0084 & 742-07-0085: HEYMAN LANE IMPROVEMENTS PHASE I, II & III IN ALEXANDRIA, LA– Prepared Preliminary and Final Plans for reconstruction of 6,700 LF of Heyman Lane from Coliseum Blvd to Jackson Street. Lead Design of drainage improvements and relocation of utilities, demolition and site clearing & grubbing contract			
2013	CITY of ALEXANDRIA HUDSON BLVD BRIDGE at HYNSON BAYOU – Prepared Preliminary and Final Design to remove an existing bridge and construction of a 3-40 spans (120’) precast concrete girder span bridge on cast in place concrete caps on prestressed concrete piles			
2014	LA FACILITY PLANNING AND CONTROL LA DWF, BAYOU NATCHITOCHEs BRIDGE AT GRASSY LAKES WILDLIFE MANAGEMENT AREA - Prepared Preliminary and Final Plans for the removal of the existing bridge and replacement bridge. Coordinated survey and design effort for a 5-25 spans (125’) long concrete slab span bridge structure.			

Firm employed by Ballard CLC, Inc				
Name	ELISHA CAMPNEY		Years of relevant experience with this employer	5
Title	Survey Party Chief		Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization				
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Support Staff - Senior Survey Technician		
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 <b>years of experience</b> specified in the applicable MPR(s).			
2018-2019	CANELAND TO SEGURA 230KV ELECTRIC TRANSMISSION LINE-BALDWIN, LA TO NEW IBERIA, LA FOR LOUISIANA PROPERTY ACQUISITION COMPANY (LaPAC) - Party Chief: Ballard provided route and right-of-way acquisition surveying services for a Central Louisiana Electric Company electric transmission power line project, which included easement/right-of-way (ROW) plats/maps and legal descriptions of over 25 miles of proposed line that included over 200 individual properties. Establishment of centerline alignment, location of buildings, fences and other significant features that may alter the route of said line, marking of ROW for various property owners for negotiation purposes, CAD & GIS deliverables for the client and their contractors for planning and construction purposes. Survey fee: \$495,000.			
2019-2020	CANELAND TO BAYOU VISTA 230KV TRANSMISSION LINE-BALDWIN, LA TO PATTERSON, LA FOR LOUISIANA PROPERTY ACQUISITION COMPANY (LaPAC) - Party Chief: Ballard provided route and right-of-way acquisition surveying services for a Central Louisiana Electric Company electric transmission line project, which included easement/right-of-way (ROW) plats/maps and legal descriptions of over 23 miles of proposed line that included over 120 individual properties. Ballard also provided CAD & GIS deliverables for the client and their contractors for planning and construction purposes. Survey fee: \$405,000			
2020	MUSTANG BAYOU RESERVOIR (GULF COAST WATER AUTHORITY) ALVIN, TX - Party Chief: Ballard was contracted by Freese and Nichols, Inc. to provide Boundary, Topographic, Hydrographic, and Horizontal & Vertical control surveying services on the ±1,200 acre Mustang Bayou Reservoir for the Gulf Coast Water Authority just south of Alvin Texas. Deliverables included a 3D multi-surfaced CAD model, GIS products, and a signed and sealed Boundary Survey Plat. Survey fee: \$224,000.00			
9/00 – 10/18	SECTION RETRACEMENT WORK, WEST LOUISIANA - Performed numerous large boundary surveys for the following timber companies: Temple Inland, Crosby Lane and Resources, Weyerhaeuser Co., Boise Cascade, Forest Capital, Crowell Lumber Industries, and Campbell Global.  Party Chief: Performed online historical research, recovered historical evidence in field to prove and validate boundary lines and Section corners, replace and validate missing property corners, mark boundary lines, produce plats and legal descriptions			
2011	AMERICAN WATER SEWER ASSESSMENT AND REHAB, FORT POLK, LA - Project Manager: Communicated with American Water to insurer the work areas where safe to operate in, directed crews and over saw productivity, utilized GPS and conventional survey equipment to establish control on UTM zone 15 coordinate system, ran levels through 500 plus Sewer manholes to collect the following data: Coordinate of manhole, top of manhole elevation, bottom of basin elevation, condition of basin, pipe invert elevations, pipe size and types. Produce Auto Cad model of system, Produced Excel spread sheet that delineates all of the previously listed information for each manhole.			
2006	TIGER LAND REHAB, FORT POLK, LA - Party Chief: Establish horizontal and vertical control, performed topographic survey of existing structures, roads, playgrounds 1.5, and utilities, identified power poles and wire heights, locate all drainage features.			

Firm employed by Ballard CLC, Inc			
Name	Ronnie Civella		Years of relevant experience with this employer
Title	Survey Party Chief		4
		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Support Staff – Survey Crew Chief	
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 <b>years of experience</b> specified in the applicable MPR(s).		
2018-2019	CANELAND TO SEGURA 230KV ELECTRIC TRANSMISSION LINE-BALDWIN, LA TO NEW IBERIA, LA FOR LOUISIANA PROPERTY ACQUISITION COMPANY (LaPAC) - Party Chief: Ballard provided route and right-of-way acquisition surveying services for a Central Louisiana Electric Company electric transmission power line project, which included easement/right-of-way (ROW) plats/maps and legal descriptions of over 25 miles of proposed line that included over 200 individual properties. Establishment of centerline alignment, location of buildings, fences and other significant features that may alter the route of said line, marking of ROW for various property owners for negotiation purposes, CAD & GIS deliverables for the client and their contractors for planning and construction purposes. Survey fee: \$495,000		
2019-2020	CANELAND TO BAYOU VISTA 230KV TRANSMISSION LINE-BALDWIN, LA TO PATTERSON, LA FOR LOUISIANA PROPERTY ACQUISITION COMPANY (LaPAC) - Party Chief: Ballard provided route and right-of-way acquisition surveying services for a Central Louisiana Electric Company electric transmission line project, which included easement/right-of-way (ROW) plats/maps and legal descriptions of over 23 miles of proposed line that included over 120 individual properties. Ballard also provided CAD & GIS deliverables for the client and their contractors for planning and construction purposes. Survey fee: \$405,000		
2020	MUSTANG BAYOU RESERVOIR (GULF COAST WATER AUTHORITY) ALVIN, TX - Party Chief: Ballard was contracted by Freese and Nichols, Inc. to provide Boundary, Topographic, Hydrographic, and Horizontal & Vertical control surveying services on the ±1,200 acre Mustang Bayou Reservoir for the Gulf Coast Water Authority just south of Alvin Texas. Deliverables included a 3D multi-surfaced CAD model, GIS products, and a signed and sealed Boundary Survey Plat. Survey fee: \$224,000		
2019-2020	KAY CROSSING SUBDIVISION, PONCHATOULA LA - Party Chief: Ballard provided professional land surveying services to acquire a 10-acre parcel of land to develop a subdivision. Surveying scope included boundary, ALTA/NSPS, topographic, 3D modeling, horizontal and vertical control, and GPS surveying. Ballard worked closely with the client to resolve any encroachment issues and worked with the party tract owners and the controlling government entity to establish new property lines and existing condition data for design purposes. Survey Fee: \$76,515		
2020	LOGGY BAYOU IMPROVEMENT PROJECT FOR COMMON CONSTRUCTION, LOGGY BAYOU, LA - Party Chief: Ballard was subcontracted by Common Construction to provided Right of way and construction staking services for Common Construction at the mouth of Loggy Bayou for the Army Corps of Engineers. Additional right-of-way was acquired and the rerouting of the existing levee from the Red River to 1-mile up stream. Ballard also provided construction staking services to layout new erosion control structures along the banks of Loggy Bayou and located and flagged an archeological sensitive site. Survey Fee: \$34,900		

Firm employed by Ballard CLC, Inc				
Name	MARK LEMOINE		Years of relevant experience with this employer	29
Title	Survey Party Chief		Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization		Associates Degree / 1975 / Engineering Technology Surveying & Materials Testing / 1977 / Vo-Tech School		
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Support Staff - Topographic Survey Crew Chief		
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 <b>years of experience</b> specified in the applicable MPR(s).			
2018-2019	CANELAND TO SEGURA 230KV ELECTRIC TRANSMISSION LINE-BALDWIN, LA TO NEW IBERIA, LA FOR LOUISIANA PROPERTY ACQUISITION COMPANY (LaPAC) - Survey Party Chief: Ballard provided route and right-of-way acquisition surveying services for a Central Louisiana Electric Company electric transmission power line project, which included easement/right-of-way (ROW) plats/maps and legal descriptions of over 25 miles of proposed line that included over 200 individual properties. Establishment of centerline alignment, location of buildings, fences and other significant features that may alter the route of said line, marking of ROW for various property owners for negotiation purposes, CAD & GIS deliverables for the client and their contractors for planning and construction purposes. Survey fee: \$495,000.			
2019-2020	CANELAND TO BAYOU VISTA 230KV TRANSMISSION LINE-BALDWIN, LA TO PATTERSON, LA FOR LOUISIANA PROPERTY ACQUISITION COMPANY (LaPAC) - Survey Party Chief: Ballard provided route and right-of-way acquisition surveying services for a Central Louisiana Electric Company electric transmission line project, which included easement/right-of-way (ROW) plats/maps and legal descriptions of over 23 miles of proposed line that included over 120 individual properties. Ballard also provided CAD & GIS deliverables for the client and their contractors for planning and construction purposes. Survey fee: \$405,000			
2015	PEASON RIDGE BOUNDARY SURVEY (FT. POLK DPW), FT. POLK, LA - Survey Party Chief: Performed a boundary survey for 3 miles of boundary lines of lands owned by the United States of America. Recovered existing boundary markers and/or set boundary monuments, marked boundary lines, identified encroachments onto USA property, and prepared maps of the surveys. Utilized Static and RTK GPS surveying procedures as well as total station procedures to set horizontal control and US Army Corps of Engineers monuments. Design Fee: \$50,560			
2014-2016	CENLA TRANSMISSION LINE EXPANSION PROJECT-TIOGA, LA TO BALL, LA FOR LOUISIANA PROPERTY ACQUISITION COMPANY (LaPAC) - Survey Party Chief: Ballard provided property acquisition surveying services for CLECO including Boundary, Right of Way/Easement, GPS Horizontal and Vertical Control, Construction Layout, Utility Location Survey, of a +/- 10 miles of new transmission line Right of Way including two new substations located in Rapides Parish Louisiana. Utilized Static and RTK GPS procedures as well as Robotic total stations for survey data collection. Performed research and courthouse abstraction for boundary reference information. Fee: \$443,000.			
2017	POOLE ROAD REHABILITATION PROJECT FOR THE U. S. FISH AND WILDLIFE SERVICE, FERRIDAY, LA - Survey Party Chief: Ballard provided surveying services to Tarpon Constructions, LLC. Company for the rehabilitation of a 9-mile road known as Poole Rd. located in the Bayou Cocardie National Wildlife Management Area and Refuge. Surveying services included Topographic surveying with horizontal and vertical control, Right of Way, Stationing, drainage structures, and other related information. Fee: \$117,831			

2012	OFF-SYSTEM BRIDGE LAYOUT H.000645.6 YOUNGS BAYOU BRIDGE – OAUCHITA PARISH–Performed right-of- way and construction layout staking.
2011-2012	SP805-21-0008 LA DOTD OFF SYSTEM BRIDGE, STATE CANAL BRIDGE IN AVOYELLES PARISH Performed construction layout staking and set Right-of-Way monuments
2012	SP 713-05-0107-0108-0109 (3) LA DOTD OFF SYSTEM BRIDGES OVER BAYOU LACOMBE, LARGE ROAD AND VOORHES CROSSING IN AVOYELLES PARISH Set construction layout staking for 3 separate bridges under this one contract.
2014	LA DOTD OFF-SYSTEM BRIDGE H.010599.5 WELCOME CEMETERY ROAD / MENACE CREEK - VERNON PARISH – Performed design and topographic survey for an existing 40 foot long bridge deck with a 1,000 feet of roadway topographic survey including cross sections and creek traverse survey.
2013	CITY of ALEXANDRIA HUDSON BLVD BRIDGE AT HYNSON BAYOU -Performed design and topographic survey for new 120'foot long bridge with 800 linear feet of approach roadway survey.
2013-2014	LA FACILITY PLANNING AND CONTROL DEPARTMENT OF WILDLIFE AND FISHERIES, REPLACE BAYOU NATCHITOCHE BRIDGE AT GRASSY LAKES BAYOU -Performed design and topographic surveys for an existing 120' foot long bridge with 800 linear feet of topographic approach roadway survey
1992-2000	SP. 742-07-0084 & 742-07-0085, HEYMAN LANE ROAD RECONSTRUCTION, ALEXANDRIA – Performed design and topographic surveys for approximately 1.0 mile of multi-phased, multi-staged arterial street under the Urban System Program.
	LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT - Supervised survey layout for construction work on approximately 12 miles on US Hwy 165 and Interstate I-49. Surveyed approximately 6 miles of US 167 North Hodge to Quitman boundaries for new right-of-way acquisition. Projects generally consisted of required right-of-way, centerline, bridge, and grade staking along with establishing vertical and horizontal control. Also, surveyed many off-system bridge replacement projects from topographic design survey to right of way and construction layout staking

Firm employed by Ballard CLC, Inc				
Name	David Nichols		Years of relevant experience with this employer	10
Title	Senior Designer		Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization		Huey P. Long Vocational School – 78 Welding Certificate LA Tech University, Ruston, LA – 78-80 Civil Engineering Delta Jr. College, Baton Rouge, LA 84-86 Process Piping/Cadd Drafting Degree Louisiana State University, Baton Rouge, LA 86 AutoCAD/ Graphics Design		
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Mr. Nichols has 33.5 years combined experience in civil and survey projects as well as management of various roadway and bridge projects for government, residential, and industrial clients.		
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 <b>years of experience</b> specified in the applicable MPR(s).			
2014	S.P. No. H.010599 OFF SYSTEM BRIDGE REPLACEMENT, VERNON PARISH - Welcome Cemetery Road Bridge at Menace Creek. Prepared Plans & Details along with ROW Map for this project.			
2002	JACKSON STREET AND HORSESHOE DRIVE INTERSECTION IMPROVEMENTS ALEXANDRIA, LA – Design of road improvements for all phases of this project.			
2014	REPLACE NATCHITOCHE BAYOU BRIDGE AT GRASSY LAKE WMA – Prepared Preliminary and Final Plans, Details & Cost Estimate along with ROW Map for this project.			
2014	HUDSON BLVD. AT HYNSON BAYOU BRIDGE REPLACEMENT, ALEXANDRIA, LA. – Prepared Preliminary and Final Plans and Details for all phases of project.			
2006	3rd AND GREEN OAK STREET AND DRAINAGE IMPROVEMENTS, ALEXANDRIA, LA – Met with City of Alexandria Planning Department for scope of project requirements, coordinated with surveyor for surveying needs, design and production of Final Plans for each phase of project, reviewed contractor submittals, coordinated with City utilities for utility locations and as-built drawings.			
2005	NORTH MALL DRIVE EXPANSION, ALEXANDRIA, LA - Met with City of Alexandria Planning Department for scope of project requirements, coordinated with city utilities for utility locations and as-built drawings, produced Final Plans for road and related infrastructure along with ROW Map for this project.			
2004	TENNYSON OAKS SUBDIVISION – PHASES 5, 6, & 7, ALEXANDRIA, LA - Designed and produced Final Plans and Subdivision Plats for construction of expansion of each subdivision phase.			
2003	CANNON SUBDIVISION, ALEXANDRIA, LA – Developed Final Plans and Subdivision Plats for construction of streets, drainage systems, and utilities.			
2004	RICHFIELD SUBDIVISION, PINEVILLE, LA – Developed Final Plans and Subdivision Plats for construction of streets, drainage systems, and utilities.			
	RAPIDES ISLAND WATER ASSOCIATION, NEW WATER WELL - Met with client for scope of project requirements, produced final plans and specifications, coordinated well construction with contractor, reviewed seismic reports, daily onsite inspection during construction.			
	RAPIDES ISLAND WATER ASSOCIATION, NEW WATER WELL - Met with client for scope of project requirements, produced final plans and specifications, coordinated well construction with contractor, reviewed seismic reports, daily onsite inspection during construction.			

Firm employed by Ballard CLC, Inc				
Name	Brent Poret		Years of relevant experience with this employer	45
Title	Senior Designer		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization				
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Mr. Poret is responsible for the supervision of the drafting department. He will be responsible for the preparation of engineering plans to complete the drafting services required for this project..		
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 <b>years of experience</b> specified in the applicable MPR(s).			
2014-2015	AMERICAN WATER CAPITAL IMPROVEMENTS, WATER & WASTEWATER SYSTEMS, FT. POLK & JRTC, LA - Lead CADD Technician: Provided civil design drawings of the water and sewer systems at Ft Polk via USACE and American Water since 1980s. Most recent projects included the rehabilitation of 2 sewer lift stations. Others include construction inspection for water main and services, structural repairs and painting of 3 ground storage tanks and 2 elevated tanks, renovations and rehabilitations of 2 wastewater treatment plants and 1 new deep water well. These demonstrate Ballard's ability to meet the UFC and DHH requirements for utility projects.			
2014-2015	FORT POLK 162ND REPAIRS (W9126G-13-C-0083), FORT POLK, LA - Lead CADD Technician: Provided design for 22 CLIN items, including windows, exterior door replacement, roof repairs, and other facility and site improvements to Courthouse, Post Office, Real Property Office and multiple other facilities. Drawings were accomplished using CADD and SpecsIntact following UFC code criteria. Size: 22 Sites. Construction Cost: \$6.7M			
2017-2018	NORTH AND SOUTH FORT WASH RACK REPAIRS (W9126G-17-D-0011), FORT POLK, LA - Lead CADD Technician: Provided 100% design conforming to the UFC in CADD/Microstation and specification in SpecsIntact for repairs of the North and South Ft. Polk Wash Racks. Design replaces 16-inch water supply lines which have leaks underneath the 18-inch concrete slab, replacement of water cannons, replacement of 2 electrical switch gears, replacement of control panels, replacement of the lighting system, replacement of 4 (four) 480V pumps, replacement of wiring and conduit, replacement of latrines, to add 2 (two) hand wash stations and to make updates to the control booth. Size: 5 Acres. Construction Cost: \$2.5M			
2000	MINDEN RECREATION COMPLEX, MINDEN, LA - Lead CADD Technician: Provided design for drainage structures such as concrete lined ditches, RC pipe and box culverts, as well as major channel excavation and channel stabilization. Site development included a 48,000 SF multi– purpose two story building which included a gymnasium with basketball court, multi-purpose meeting and classrooms, indoor pool with lap and aerobic capabilities, four exterior basketball courts, Olympic outdoor swimming pool, children's “water-spray” park with shelter, indoor racquetball courts, eighteen ballfields including high school baseball and softball, Dixie Youth baseball, tee-ball, five concession stands with press boxes, four full-sized tennis courts, one full-sized soccer field, one high-school football field, asphalt walking/jogging paths, and sports lighting systems for all of the exterior fields, a site access roadway, drainage improvements, sewer lift station, full irrigation system for all ball fields, parking lots for 800+ vehicles and all site utilities			
1999	GRUNDY COOPER/CLOVERDALE FLOOD CONTROL PROJECT, ALEXANDRIA, LA - Lead CADD Technician: Provided survey and design for a high-capacity diversion channel, ranging from a 20-foot wide flat bottom ditch (downstream) to an 8-foot wide flat bottom ditch (upstream) of 1.2 miles in length. The 20 foot flat bottom diversion channel is approximately 4000 and includes clearing & grubbing, erosion control, bank stabilization, restoration of agricultural fields and new rip rap armored outfall at LA State Hwy 28.			

2013	HUDSON BOULEVARD – HYNSON BAYOU BRIDGE REPLACEMENT, ALEXANDRIA, LA (2013) City of Alexandria, LA
2014	BAYOU NATCHITOCHE BRIDGE – BORDELONVILLE, LA - Facility Planning & Control & Dept. of Wildlife and Fisheries, Project No. 16-513-13-06, Part No. 01
2014	WELCOME CEMETERY ROAD BRIDGE, VERNON PARISH, LA - Louisiana Department of Transportation & Development, Project Number: H.010599
	HEYMAN LANE RECONSTRUCTION - ALEXANDRIA, LA - State Project No.: 742-07-0084
	MONROE STREET RECONSTRUCTION - ALEXANDRIA, LA - State Project No.: 742-07-20
	US 165 - ALEXANDRIA TO WOODWORTH, LA - State Project No.: 700-13-99
	LA 13 - REDELL TO TURKEY CREEK, LA - State Project No.: 700-13-20
	SOUTH TRAFFIC CIRCLE - ALEXANDRIA, LA - State Project No.: 700-17-73
	ON SYSTEM BRIDGES - NATCHITOCHE PARISH, LA - State Project No.: 700-22-89; 23-57; 23-85; 24-85
	I-49 - ALEXANDRIA, LA (MB-9) - State Project No.: 700-14-75
	I-49 - ALEXANDRIA, LA (AV-2) - State Project No.: 700-16-60
	JACKSON STREET RECONSTRUCTION - ALEXANDRIA, LA - State Project No.: 368-03-0023
	OFF SYSTEM BRIDGES - RAPIDES PARISH, ALLEN PARISH, LA
	US 167 - JACKSON PARISH - State Project No.: 700-30-0054
	US 167 - JACKSON & LINCOLN PARISHES - State Project No.: 700-25-0100 & 700-31-0104

**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	Ballard CLC, Inc.	Past Performance Evaluation Discipline(s)*	Road, Survey
Project name	Sustainability, Renovation, & Modernization and CTC Projects, Task 2A Youngstown Road Guard Rail Repair	Firm responsibility (prime or sub?)	Sub
Project number	1	Owner's name	USACE Fort Worth District
Project location	Fort Johnson, LA (formerly named Fort Polk)	Owner's Project Manager	Edgar Jorge-Ortiz, AIA, NCARB
Owner's address, phone, email	Ft Worth District Corps of Engineers, PO Box 17300, Ft Worth, TX 76102 <a href="mailto:Edgardo.Jorge-Ortiz@usace.army.mil">Edgardo.Jorge-Ortiz@usace.army.mil</a>   817-886-1982		
Services commenced by this firm (mm/yy)	06/17	Total consultant contract cost (\$1,000's)	
Services completed by this firm (mm/yy)	10/17	Cost of consultant services provided by this firm (\$1,000's)	\$24.9

This project was developed to provide safe access along a 930-foot long stretch of Youngstown Road with steep embankments and deep ravines on each side. A Design-Build RFP bid package was developed which included preliminary plans, technical specifications, CLIN schedule, and estimate for the 930 linear feet of new 24-foot wide aggregate trail with 6-foot aggregate shoulders. Ballard conducted a site survey and evaluation study and proposal using a typical cross-section along with a shifted horizontal alignment. Modeling and simulation study was developed using LIDAR contours to generate a lowered vertical alignment which balanced the earthwork volumes and minimized cost while generating preliminary plans for a safe access trail. The project also included guard rails to be used in a short section of the trail where a safe clear zone from hazards could not be achieved.

**Staff**

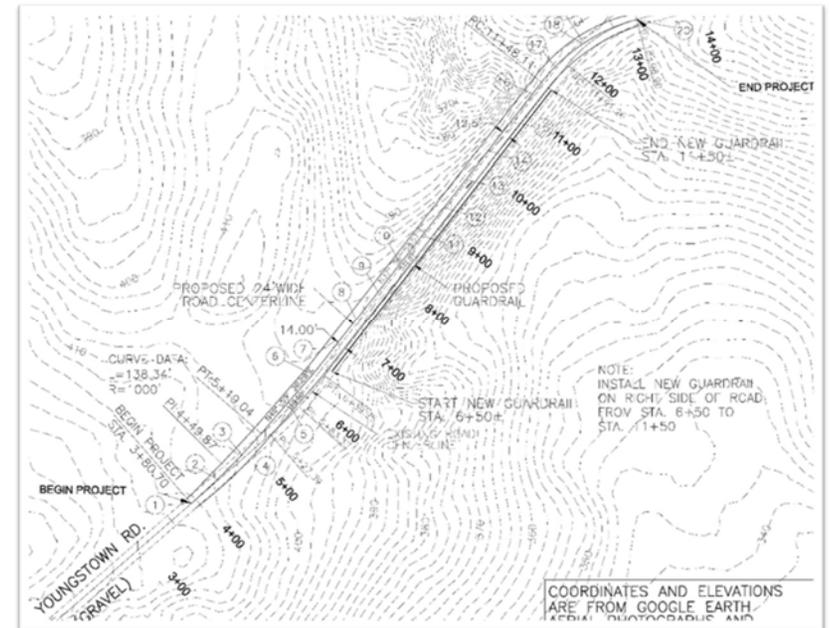
**Lee Broom** -Professional Land Surveyor

**Bryan Butler** – Professional Engineer

**Mark Lemoine** – Survey Crew Chief

**David Nichols** - CADD

**Brent Poret** - CADD



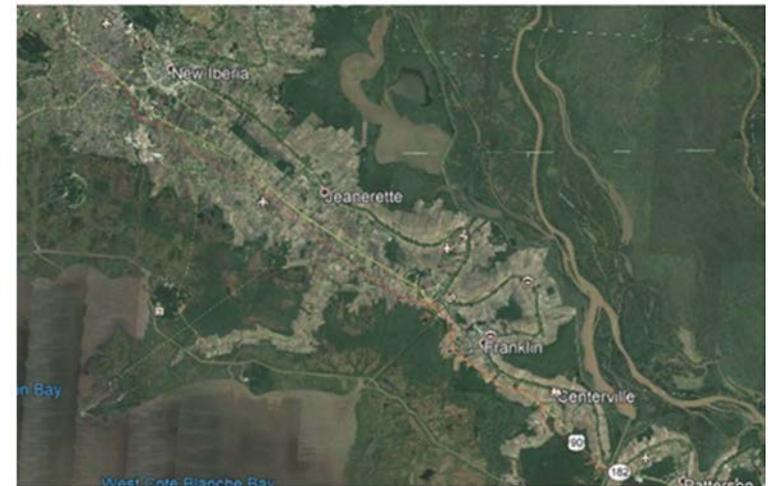
Firm name	Ballard CLC, Inc.		Past Performance Evaluation Discipline(s)*	Survey, Right of Way, Data Collection, Other (Title Take-off)
Project name	CLECO Teche Transmission Line Project		Firm responsibility (prime or sub?)	Prime
Project number	2	Owner's name	Central Louisiana Electric Company on behalf of Louisiana Property Acquisition Company (LaPAC)	
Project location	New Iberia to Bayou Vista, Louisiana		Owner's Project Manager	Matthew Melancon
Owner's address, phone, email	LaPAC, 227 Hwy 21, Madisonville, LA 70447 / 337-484-1114 / mmelancon@lapacllc.com			
Services commenced by this firm (mm/yy)	09/18	Total consultant contract cost (\$1,000's)	\$1,200	
Services completed by this firm (mm/yy)	12/20	Cost of consultant services provided by this firm (\$1,000's)	\$1,200	

Ballard provided **route and acquisition surveying services** for this transmission power line project, which included platting and legal descriptions of 340 +/- individual properties. Establishment of centerline alignment, location of buildings, fences and other significant features within 100' of centerline, marking of right-of-way (ROW) for various landowners, through wetland and possible environmental and archeological areas. This project required boundary and right-of-way (ROW) acquisitions, survey conflict reports, horizontal and vertical control monuments for construction, riparian (water) boundary including overall **alignment maps, right-of-way (ROW) plat and legal descriptions.**

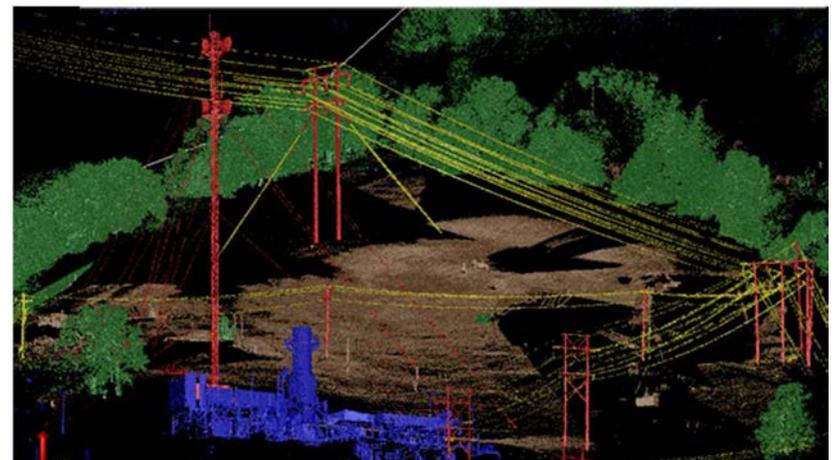
#### Staff

Lee Broom, PLS – Professional Land Surveyor  
Mark Lemoine – Senior Crew Chief  
Elisha Campney – Senior Survey Technician  
Ronnie Civella – Survey Crew Chief  
Caleb Price – Survey Crew Chief  
David Nichols – CADD Tech

Phase I: 25 +/- miles from  
Baldwin to New Iberia  
Phase II: 25 +/- miles from  
Baldwin to Bayou Vista



OVERALL ROUTE LOCATION



HIGH DENSITY CONFLICT SCAN

Firm name	Ballard CLC, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	Topographic, Hydrographic, Horizontal & Vertical Control, and Boundary Surveying of Mustang Reservoir for the Gulf Coast Water Authority	Firm responsibility (prime or sub?)	Sub
Project number	3	Owner's name	Gulf Coast Water Authority
Project location	Alvin, TX	Owner's Project Manager	Cody Cockroft
Owner's address, phone, email	Gulf Coast Water Authority, 3630 FM 1765, Texas City, TX 77591		
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost (\$1,000's)	
Services completed by this firm (mm/yy)	04/20	Cost of consultant services provided by this firm (\$1,000's)	\$216,000

Ballard was contracted by Freese and Nichols, Inc. to provide Topographic, Hydrographic, Horizontal and Vertical Control, and Boundary surveying services of the Mustang Bayou Reservoir for the Gulf Coast Water Authority just south of Alvin Texas. The Reservoir system consists of +/- 1,200 acres of retention ponds and canals with Mustang Bayou traversing the middle of the property. The surveying effort included topographic surveying of all levees, finger dikes, canals, access roads, drainage structures, pipes, levee tops & toes, and centerline of Mustang Bayou. The hydrographic surveying scope consisted of a single beam transducer to capture water bottom shots from a range of 1 to 10 foot in depth. The deliverables include a multi-surface 3d model produced in CADD which gives the client the ability to compare volume quantities and perform design services to help effectively and efficiently improve the capacity of the Reservoir in order for the Gulf Coast Water Authority can better serve the clients in the Southeast region of Texas farm country and a boundary survey plat sealed by the Licensed Registered Professional Land Surveyor.

### Staff

**Lee Broom** – Professional Land Surveyor  
**Elisha Campney** – Survey Tech  
**Ronnie Civella** – Survey Crew Chief  
**David Nichols** - CADD



Firm name	Ballard CLC, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	Peason Ridge Boundary Survey	Firm responsibility (prime or sub?)	Prime
Project number	4	Owner's name	US Army Corps of Engineers, Ft Worth District
Project location	Fort Johnson, LA (formerly Fort Port)	Owner's Project Manager	Steve Roberts
Owner's address, phone, email	Army, Joint Readiness Training Center, Bldg 350, 1st Floor, Fort Polk, LA 71459, (817) 886-1982		
Services commenced by this firm (mm/yy)	07/14	Total consultant contract cost (\$1,000's)	\$14.8
Services completed by this firm (mm/yy)	02/15	Cost of consultant services provided by this firm (\$1,000's)	\$50.5

Ballard CLC Inc. was sub-contracted by Continental Mapping Consultants, Inc. to complete 2 boundary surveys of approximately 3 miles of boundary lines of lands owned by the United States of America for the expansion of the Peason Ridge military training area and impact zone. Ballard's multiple survey crews recovered existing boundary markers, including multiple section corners, as well as set U.S. Army Corps of Engineer's brass boundary monuments, marked boundary lines, identified encroachments onto USA property and prepared maps of the surveys. Cost: \$50,560

#### Relevance to this Contract

Demonstrates expertise in boundary surveying and mapping procedures that meet accuracy requirements set forth by The Fort Worth District U.S. Army Corps of Engineers. Demonstrates expertise in establishing 1st order GPS positions for a survey control network by administering static observations with post processed solutions as well as RTK GPS Positions. Demonstrates expertise in conventional surveying practices such as performing traverse loops with total stations and digital data collectors closing with exceptional precisions. Demonstrates expertise in boundary evidence and boundary description research in preparation for field survey work. Demonstrates expertise in delivering survey and mapping products in Auto-CADD and Micro Station, both hardcopy and digital, for easy incorporation into U.S. Army Corps of Engineer systems.

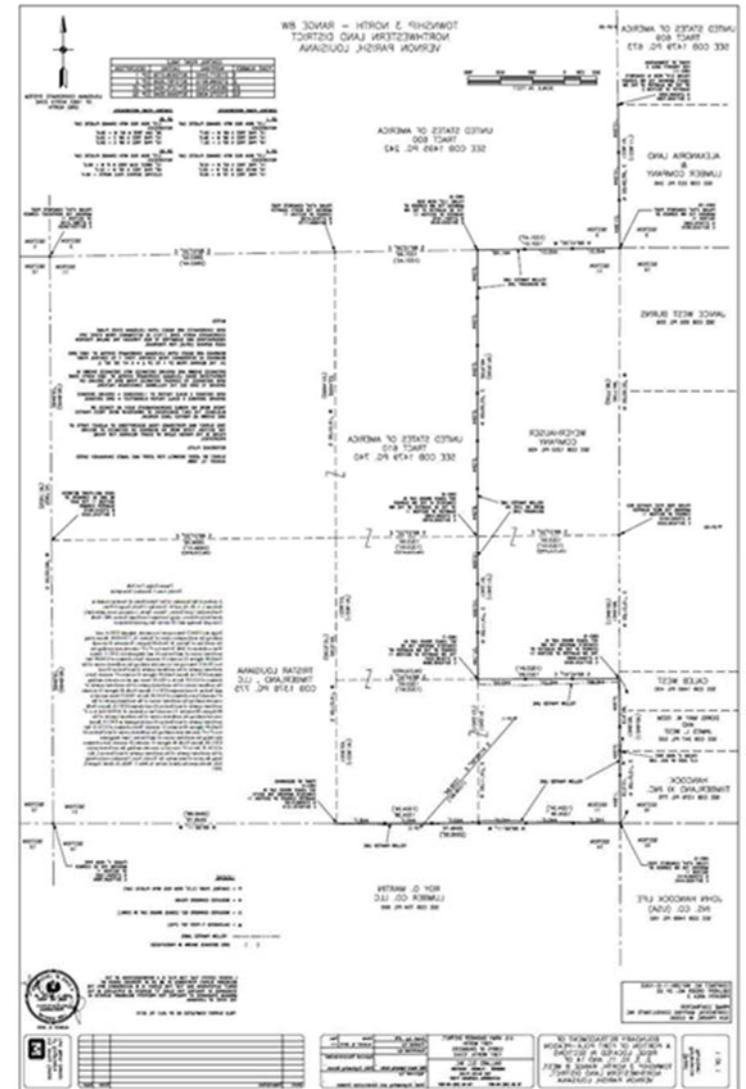
#### **Staff**

**Lee Broom** – Senior Survey Tech

**Bryan Butler** – QA/QC

**Mark Lemoine** – Senior Crew Chief

**Brent Poret** - CADD



	Ballard CLC, Inc.	Past Performance Evaluation Discipline(s)*	Survey, Road, Right-of-Way
Project name	Poole Road Rehabilitation	Firm responsibility (prime or sub?)	Sub
Project number	5	Owner's name	USFWS
Project location	Ferriday, LA	Owner's Project Manager	Trudy Poret
Owner's address, phone, email	Tarpan, 6756 Hwy 29, Cottonport, LA 71327 / 318-876-2177 / trudy@tarpanconst.com		
Services commenced by this firm (mm/yy)	09/17	Total consultant contract cost (\$1,000's)	
Services completed by this firm (mm/yy)	09/20	Cost of consultant services provided by this firm (\$1,000's)	\$120

Ballard provided engineering and surveying services to Tarpan Construction, LLC. for the rehabilitation of a 9 mile road known as Poole Rd. located in the Bayou Cocodrie National Wildlife Management Area and Refuge. Engineering and surveying services included topographic surveying with horizontal and vertical control, right-of-way, stationing, roadway design, drainage structures, and other related facilities. A high level of coordination between parish, state, and federal officials was required to complete the project in timely and successful manner. High accuracy and precision were a major factor throughout the duration of the project to ensure that any systematic, instrumentation, and human error was kept to an absolute minimum over the 9 plus miles of survey control

Staff

**Lee T. Broom, PLS** - Project Manager – Surveying, Topographic, Right-of-way

**J. Bryan Butler, PE** - Project Manager, Engineering

**Mark Lemoine** - Crew Chief

**REHABILITATION OF POOLE ROAD**  
**PARISH RD. 5a 72**

**BAYOU COCODRIE NATIONAL WILDLIFE REFUGE**  
 FERRIDAY, LOUISIANA

ARCHITECTURAL GRAPHIC SCALES  
 ENGINEERING GRAPHIC SCALES  
 METRIC DIMENSION TABLE

INDEX OF DRAWINGS

TITLE SHEET

**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.**

BALLARD CLC, INC. (Ballard) - The information is presented in conformance with general evaluation criteria specified in the RFQ. In summary, Ballard is a Service-Disabled Veteran-Owned Small Business, multi-disciplined professional surveying and engineering consulting firm in Central Louisiana.

As a company of very dedicated individuals Ballard has built an excellent reputation of performance and will strive to maintain it though a very simple strategy:

Reward the entire staff for achieving high quality solutions within our client's express timeframe.

Listen to our client's needs and value their opinions without preconceived notions or solutions.

Maintain a strong commitment to project budgets and schedules.

Strive to produce an excellent product through quality control & assurance at a fair price.

Ballard is in its 116th year of continuous operation and for this entire period maintained its identity as a leader in surveying for in Central Louisiana in both technology and capabilities. Ballard CLC, Inc. is in Alexandria, LA with a professional staff of twenty-three personnel, including a Registered Professional Land Surveyor, three Registered Professional Engineers, two Registered Architects, three fully equipped survey crews, and five CADD Technicians, offering a full complement of Surveying, Civil and Structural engineering, and Architecture services.

We have performed numerous projects for the US Army Corps of Engineers and other DoD and federal agencies, and we have provided professional services including surveying to State, Parish and City Governmental groups. A few of the survey projects include the following:

Construction Layout surveys for approximately 35 miles of LA DOTD roads, highways, and bridges of projects in the past 10 years

Right-of-Way / Topographic surveys levees and roadways for Red River Waterway Commission.

Boundary line and setting of control points between state waters and private property for the LA Department of Natural Resources Coastal Restoration Division.

Right-of-Way surveys of over 200 miles of transmission lines for Cleco Corporation, Pineville, LA

Land Boundary and Access Control Fence Survey, Ft. Polk (North and South Fort), LA

Land Boundary Surveys for NRCS at multiple WRP sites throughout LA

Boundary & Topographic Design Surveys for JFHQ & Sewer Improvements, Camp Beauregard, Pineville, LA

Topographic Design Surveys for Waste Water Treatment Plant Improvements, Ft. Polk LA,  
 Topographic Design Surveys - AOA, Ft. Polk Army Airfield, LA  
 Topographic Design Surveys, CMF and AASF No 2, Esler Army Airfield, Pineville, LA  
 Boundary and Topographic Design Surveys, Camp Beauregard Ranges, Pineville, LA  
 Topographic Surveys for the US Penitentiary (Max and Med Security), Pollock, LA

Ballard's surveying capabilities include a Registered Professional Land Surveyor (LA, TX, AR, AL, MS, OK, and NM); Three (3) fully outfitted field crews, (2) remote and fixed-base Trimble R12i, GNSS/GPS units operating base-rover RTK surveying and/or LSU C4G RTN surveying, Trimble R780 Base/Rover, Trimble S7 Robotic total station, a Trimble SX10 Lidar Scanning total station, (1) MicroDrone EasyOne LIDAR UAV, (3) fully outfitted survey crew cab 4-wheel drive trucks, (2) Honda Pioneer UTVs, and Trimble Business Center software for processing surveying and GNSS data. Ballard has utilized Micro Station as its primary CADD platform, but also has AutoCAD Civil 3d.

IN A TASK ORDER THAT WOULD BE ISSUED UNDER THIS IDIQ, BALLARD'S APPROACH WOULD BE AS FOLLOWS:

#### Pre-survey check list

This includes an in depth look at the proposed route in questions which includes a detailed is of the property and the owners affected by the proposed route. Tracts will be organized into a numbers system to easily keep tract of the status of each tract. At this point, a preliminary plan will be put into effect that includes which team members will be involved, the schedule of the surveys tasked, and any access or unusually circumstances that may be encountered.

#### Title Takeoff

Once our pre-survey check list is complete, Ballard will begin the title takeoff process. The title takeoff will include limited research on each of the parcels and, if necessary, the adjacent parcels, to pull enough record information to perform the required boundary surveying to locate the property lines that are going to be affected. Once complete, each numbered tract should have a title package put together with all the necessary information to successfully perform the survey.

#### Field Survey

Once field preparations are complete and the necessary permissions are obtained, the field survey will begin. Ballard will perform a detailed boundary survey using the latest in GNSS and conventional surveying technologies to the appropriate property boundary monumentation to establish the new required right-of-way.

#### Right of way map production.

After the field survey is complete, the survey data will be processed and reviewed by the Senior Survey Technician and Professional Land Surveyor. The boundaries of the subject properties will be solved and processed, and the required right of way will be designed and established. Once complete, the drawing will be turned over to drafting where the appropriate levels, line types and notes will be incorporated into the drawing to produce a preliminary right-of-way survey to be approved by the Professional Land Surveyor before being submitted to the contracting officer for review and comments.

## FIRM AND PERSONNEL EXPERIENCE

A compilation of relevant projects completed by Ballard and its personnel is presented in Section 18. Some of the projects are recent and a few are not as recent. However, all or most of the staff below and presented herein worked on the projects listed.

Mr. Broom has over 13 years of survey and geospatial experience. He is the Principal in Charge of all surveys and the Professional of Record for the LAPELS. Projects have included boundary surveys, right-of-way and route surveys, topographic surveys, hydrographic surveys, re-tracement surveys, subdivision land surveys; utility surveys, highway surveys, construction surveys; surveys for roads, bridges, levees, dikes, lakes, dams, spillways and revetments; engineering design surveys such as horizontal and vertical control; profile and cross-sections and as-built surveys; preparing survey plats and control surveys for photogrammetry and mapping, highway surveys and construction staking.

Ballard has SUE level B, C, and D capabilities using the latest in surveying and utility locations technologies. Ballard has an in-house RD7100 pipeline locator that uses electromagnetic signals to accurately locate and position certain underground pipeline and utilities. After physical locations are marked by our team, Ballard follows up with a by recording survey accurate position of the locations of the utilities via GNSS or Robotic total station surveying methods.

J. Bryan Butler has 30 years of design experience that includes 2 years of road and bridge design with TX DOTD Bridge Section and 20+ years bridge and roadway design with Ballard. Mr. Butler is quite familiar with the Department's design and review procedures. In addition to numerous off-system bridges, three recently completed LTM projects requiring incidental design services are excellent examples of his ability to work with the LADOTD to accomplish the project.

Ballard CLC, Inc. is proposing the following individuals as your survey team for this project:

Lee T. Broom, PLS	Project Manager / Professional Land Surveyor
J. Bryan Butler, P.E.	QA/QC
Mark Lemoine	Senior Survey Crew Chief
Elisha Campney	Senior Survey Technician
Brent Poret	Senior Support Staff-CADD Tech
David Nichols	Senior Support Staff-CADD Tech
Ronnie Civella	Survey Crew Chief

## FIRM SIZE RELATED TO ESTIMATED PROJECT COST

We recognize that the subject surveying task orders will each have a unique complexity and the anticipated task orders under this surveying retainer contract are a perfect fit for our surveying department, especially with our survey personnel's abundance of property and right-of-way surveying experience and with our state-of-the-art surveying equipment. Much of our firm size is represented by our survey staff with many years of experience. Our experiences in boundary surveying, specifically right-of-way surveying, is where our department has its most collective experience, next to Federal and State design support surveying, which shows our deep understanding of the route surveying process as well as state and federal processes and standards.

Ballard CLC's main office is in Alexandria LA. Ballard CLC has recently completed numerous highway surveys over the past several years in various Central Louisiana Parishes. Firm revenues in 2022 were over \$3 million.

The Ballard staff planned to be assigned for this project have worked together for many years to provide services to the Department on more than forty (40) successful projects some which are noted above and were accomplished within the specified time frame and were completed to the satisfaction of the Department's staff.

**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	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
				N/A

(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 (please specify). 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. 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.**

**21. QA/QC Plan:**

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

**22. Sub-consultant information:**

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

<b>Firm Name</b> <b>(Name must match as registered with Louisiana's Secretary of State)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>

(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. Any information included in this section will be redacted if not required by the advertisement.**