

Original

Louisiana Department of Transportation and Development

IDIQ CONTRACTS FOR ROADWAY DESIGN SERVICES STATEWIDE

CONTRACT NOS. 4400024927, 4400024928

Request for Qualifications









October 4, 2022

DOTD FORM: 24-102

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.

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

1. Contract title as shown in the advertisement	IDIQ Contracts for Roadway Design Services
2. Contract number(s) as shown in the advertisement	Contract Nos. 4400024927 and 4400024928
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (as registered with the Louisiana	Modjeski and Masters, Inc.
Secretary of State where such registration is required by	
law)	MODIESKI I MASTERS
	WODJESKI
5. Prime consultant license number (as registered with the	
Louisiana Professional Engineering and Land Surveying	EF 0000570
Board (LAPELS) if registration is required unde	
Louisiana law)	
6. Prime consultant mailing address	1100 Poydras St., Suite 900, New Orleans, LA 70163
7. Prime consultant physical address (existing or to be	1100 Poydras St., Suite 900, New Orleans, LA 70163
established, if location is used as an evaluation criteria)	
8. Name, title, phone number, and email address of prime	Zolan Prucz, PhD, PE, Senior Vice President
consultant's contract point of contact	(504) 524-4344, <u>zprucz@modjeski.com</u>
9. Name, title, phone number, and email address of the	Zolan Prucz, PhD, PE, Senior Vice President
official with signing authority for this proposal	(504) 524-4344, <u>zprucz@modjeski.com</u>
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	

Page 1 of 74 Prime consultant name: Modjeski and Masters, Inc.

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		
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		
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	Signature (shall be the same person as #9):	
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.	Date: October 4, 2022	
11. If a Disadvantaged Business Enterprise (DBE) goal has	Firm(s):	<u>Firm(s)' %:</u>
been set for this advertisement, indicate which firm(s)	Vectura Consulting Services, LLC (Vectura)	15.00%
will be used to meet the DBE goal and each firm(s)'	Civil Design & Construction, Inc. (CD&C)	15.00%
percentage.		

<u>12. Past Performance Evaluation Discipline Table:</u>

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

The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New %20Evaluation%20Disciplines.pdf. (same link as in the advertisement)

Evaluation Discipline(s)	% of Overall	MODJESKI and MASTERS		INCORPORATED	
	Contract	(Prime)	(DBE)	(DBE)	
Road	70%	100%			
Traffic	15%		100%		
Survey	15%			100%	
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	70.00%	15.00%	15.00%	

13. Firm Size:

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

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

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Principal	1	7
	Supervisor - Eng	5	15
	Supervisor - Other	0	11
	Engineer	2	6
	Engineer - Other	0	21
	Engineer Intern	2	19
	Professional	0	1
	Senior Technician	1	3
	Technician	1	2
	CADD Technician	2	9
∏ /7 VECTURA	Supervisor	2	2
CONSULTING SERVICES. LLC	Engineer	3	5

	Supervisor-Engineer	1	1
	Engineer Intern	1	1
	Surveyor	2	2
	Party Chief	3	5
	Instrument Man	2	3
	Rodman	2	2
INCORPORATED	CADD-Operator	1	1
	Senior Technician	3	5
	Supervisor - Other	1	1

(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

If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their nam Engineering Process and Report Training Requirements article of the Advertisement in Section 20.

It is acceptable to use an 11x17 format for Section 14.



- (1) Traffic Engineering Analysis Process & Report Training
- (2) Work Zone Training

<u>15. Minimum Personnel Requirements:</u>

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR.

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	Zolan Prucz, PhD, PE		Civil PE #24019	LA	3/31/2024
2	Zolan Prucz, PhD, PE		Civil PE #24019	LA	3/31/2024
3	Newell H. Schindler, PE		Civil PE #24130	LA	3/31/2024
4	Ralph Burgess, PLS		PLS #5040	LA	9/30/2024
4	Chris Ballard, PLS	INCORPORATED	PLS #5033	LA	9/30/2024
	Sheelagh Brin Ferlito, PE, PTOE		Civil PE #25383	LA	9/30/2023
5	Laurence Lambert, PE, PTOE, PTP		Civil PE #29901	LA	3/31/2024
	Prasanth Malisetty, PE, PTOE		Civil PE #35792	LA	3/31/2023
	Reece Rodrigue, PE, PTOE		Civil PE #42074	LA	3/31/2024
	Kristen Farrington, PE, PTOE		Civil PE #42785	LA	3/31/2023

Firm en	nployed b	y <mark>Modjeski and Ma</mark>	sters, Inc.						
Name	Zolan P	Prucz, PhD, PE			Years of relevant experience with this employer 39				
Title	Senior V	/ice President & Prin	cipal		Years o	f releva	ant experience with other employer	r(s) 7	
Degree(s) / Years / Specialization PhD 1984 Civil, Structural									
M			MS	1981	Civil,	Structural			
	BS 1976 Civil								
Active registration number / state / expiration date 240		24019	9	LA	3/31/2024				
Year reg	gistered	1988	Discipline	Civil					

Contract role(s) / brief description of responsibilities



Dr. Prucz is the principal-in-charge of the Design Section for the New Orleans office. As such he oversees the design and preparation of plans and specifications for all projects, studies and ratings of bridges. Dr. Prucz has worked on bridge related projects since joining Modjeski and Masters, Inc. in 1983. His assignments ranged from design, evaluation and retrofit of fixed and movable bridges to evaluations of effects of vessel impact, seismic loads on bridges, the effects of fatigue and corrosion on steel bridges and bridge hydraulic and scour analysis and evaluation.

Dr. Prucz was the principal investigator for developing the "Criteria for Design of Bridge Piers Against Ship Collision in Louisiana Waterways", which was used for bridge design in Louisiana and other states from 1985 to 1991, and he co-authored NCHRP 333, "Guidelines for Evaluating Corrosion Effects in Existing Steel Bridges". One of his specialties is the design of bridge protection systems and investigation of ship collision accidents with bridges. Dr. Prucz will serve as Principal-in-Charge and fulfills MPR 1 and 2 for this contract.

Experience dates	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders",				
(mm/yy–mm/yy)	"designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).				
11/20 - Ongoing	H.014564 Bayou Barataria Swing Bridge Allision Repairs. Lafitte, LA LADOTD				
	In 2020, Modjeski and Masters provided emergency services in response to a vessel collision.				
	A two-barge tow reportedly struck the 204' steel swing span of the Bayou Barataria Bridge while traveling through				
	the channel. Subsequently, the swing span was not operable and remained in the open position eliminating the				
	only access across for the population of Ile De Barataria. Modjeski & Masters Inc. performed an initial damage				
	inspection in addition to mechanical and electrical inspections of the structure. Previously in a separate task order,				
	M&M developed and prepared a Navigation Impact Study in accordance with USCG requirements for the				
	proposed crossing location over Bayou Barataria that would replace the existing structure. This study obtained				
	and analyzed information related to present and future navigation uses and needs for the purposes of developing				
	and evaluating alternatives for the new bridge. M&M is also providing a temporary fender repair design. Dr.				
	Prucz served as the Principal-in-Charge for this project.				
09/17 - 09/21	LA 16 over Tangipahoa River, Tangipahoa Parish, LA LADOTD				
	M&M developed all necessary topographic surveys, preliminary and final plans for this bridge replacement project				
	on LA 16, between LA 51 and LA 1054, in Amite City, LA. This project included reconstruction of the approach				

	slabs and roadway on the east and west sides of the bridge. It was anticipated that traffic shall be maintained during
	construction with an on-site diversion roadway and bridge. The plans were prepared in accordance with AASHTO
	LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD 2017 Design
	Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design Manual, and DOTD
	Hydraulics Manual. QC/QA was provided in accordance with Part 1, Chapter 3 of BDEM. Construction Related
	Engineering Support was provided and is currently on-going. Dr. Prucz served as the Principal-in-Charge for this
	project.
09/17 - 03/21	US 61 at Thompson Creek, West Feliciana Parish, LA LADOTD
	M&M provided all necessary preliminary and final plans for the rehabilitation of the northbound bridge and
	replacement of the southbound bridge on US 61 over Thompson Creek, between LA 10 and LA 964, near St.
	Francisville, LA. It was anticipated that traffic would be maintained during the construction of the new southbound
	bridge with temporary two-way traffic on the rehabilitated northbound bridge. The project also included the design
	and detailing of adding a helper bent to the northbound bridge. The plans were prepared in accordance with
	AASHTO LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD
	2017 Design Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design
	Manual, and DOTD Hydraulics Manual. QC/QA was provided in accordance with Part 1, Chapter 3 of BDEM.
	Construction Related Engineering Support was provided and is currently on-going. Dr. Prucz served as the
	Principal-in-Charge for this project.
09/17 - 02/20	LA 1064 at Little Natalbany River, Livingston Parish, LA LADOTD
	M&M developed all necessary topographic surveys, preliminary and final plans for this bridge replacement
	project on LA 1064, near LA 43 and Hoover Road, in Albany, LA. This project included reconstruction of the
	approach slabs and roadway on the east and west sides of the bridge. It was anticipated that the roadway would
	be closed during construction and a detour route was detailed. The plans were prepared in accordance with
	AASHTO LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD
	2017 Design Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design
	Manual, DOTD Hydraulics Manual, and DOTD Location and Survey Manual. QC/QA was provided in
	accordance with Part 1, Chapter 3 of BDEM. Construction Related Engineering Support was also provided. Mr.
	Ouyang served as the Project Manager for this project. Dr. Prucz served as the Principal-in-Charge for this
-	project.
06/10 - 12/15	Gilmerton Bridge Replacement, Chesapeake, Virginia VDOT
	M&M engineered a plan that involved building a new lift bridge above and below the existing structure, with the
	original bascule bridge remaining functional until the float-in of the new span. M&M completed preliminary and
	final design of the new 335-foot long and 85-foot wide lift span – one of the widest lift spans ever. Eight 12-foot
	diameter drilled shafts were designed to reach 120 feet below ground and are some of the largest ever constructed
	using the oscillating method. Dr. Prucz provided technical assistance and guidance in this project.

Firm em	ployed by	Modjeski and Masters	, Inc.			
Name	Newell I	H. Schindler, Jr., PE		Years of relevant experi	ence with this employer	2
Title	e Supervisor Engineer – Highway Section Manager			Years of relevant experi	ence with other employer(s)	38
Degree(s	s) / Years	/ Specialization		1982 Civil		
Active re	Active registration number / state / expiration date PE24130 LA 03/31/2024					
Work Zone Trair				k Zone Training Compliar	nt	
Year reg	istered	1988	Discipline	1		

Contract role(s) / brief description of responsibilities:



Mr. Schindler has 40 years of experience in the management and design of infrastructure projects, 13 years of experience in the Road Design Section of LADOTD, and 27 years of experience as a Consulting Engineer which has included Project Management and design of a multitude of infrastructure improvement projects. He has extensive knowledge of current LA DOTD and the American Association of State Highway & Transportation Officials' (AASHTO) policies and design procedures. In addition, Mr. Schindler supervised the design of a multitude of road and bridge improvement projects, including complex urban interstate, urban arterial, rural arterial, and minor bridge replacement projects. Projects included coordination with Traffic Engineers and

the evaluation of traffic analyses to develop capacity and safety roadway improvements, including intersections and interchanges. He completed the course "National Environmental Policy Act (NEPA) and Transportation Decision Making," sponsored by the National Highway Institute. Mr. Schindler will serve as Project Manager and will fulfill MPR 3 for this contract.

Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed
(mm/yy–mm/yy)	intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
12/20-03/22	Cline Ave Bridge. East Chicago, Indiana United Bridge Partners
	Mr. Schindler served as lead engineer for several post construction design tasks. Performed an independent technical review (ITR) of
	final roadway signing and striping plans prepared by others to determine conformance with AASHTO, IDOT, and IMUTCD design
	criteria and guidelines. 23 non-conformance Items were identified and documented in M&M's NCR Report. Also provided the Client
	with 17 additional recommendations to improve the operation and safety of the Cline Ave. Bridge facility. Subsequently, prepared final
	construction plans to address the NCR items and recommendations. Final plans included signing and striping layouts along with sign
	structure details. Also prepared final plans for the installation of Guide (Attraction) signs along Indiana SR 912 and I-90 in Indiana and
	Illinois. Plans were prepared in accordance with IMUTCD, MUTCD and Illinois and Indiana sign guidelines. Also Served as lead
	engineer developing conceptual geometric layouts for two (2) proposed new partial and fully directional interchanges. at Riley Road and
	Cline Ave. Bridge (SR-912) (CAB). Five (5) conceptual interchange layouts were developed for the proposed Riley Rd./CAB Interchange
	and Three (3) conceptual interchange layouts were developed for the proposed Riley Rd./CAB Interchange and presented in a feasibility
	report. Conceptual roundabout layouts were developed for the ramp intersections. Developed design criteria for the proposed ramps in
	accordance with AASHTO and IDOT Interchange guidelines.
02/17-05/20	LA 37 (Sullivan Rd. – Liberty Rd.) Stage 0 Feasibility Study (S.P. No. H.00297.1). Baton Rouge, LA LADOTD
	Mr. Schindler served as the Project Manager and Principal-in-Charge for a Stage 0 Feasibility Study to evaluate the constructability and
	operational feasibility of various safety and operational roadway improvement alternatives along an 8.5 mile segment of LA 37. Included
	the evaluation of improvements for the major intersections. Phase 1 services consisted of the, initial project research and data collection,
	initial site investigations, developing the Preliminary Purpose and Need and performing a traffic study for the Existing and No-Build
	conditions and developing the proposed improvement to carry forward to the Phase 2 Services. Phase 2 services included developing the
	design criteria for the evaluation of proposed safety and capacity improvement alternatives, completing segments of the Stage 0
	Feasibility Study and Environmental checklist.

01/16-05/20	Central City Group A (FRC) (DPW P. No. 2017-RR021). New Orleans, LA City of New Orleans - DPW
	Mr. Schindler was Project Principal, Engineer of Record and Quality Control Officer. He performed technical engineering design QC
	reviews for full reconstruction (FRC) of several streets (13 blocks) in the urbanized Central City Neighborhood. Project was a complex
	urban design due to the number of underground utilities. Mr. Schindler performed technical quality control reviews of the hydrologic
	and hydraulic analyses for the design of the sub-surface drainage system for a 10-year design storm in accordance with Louisiana (LA)
	DOTD Hydraulics Manual, along with technical quality control reviews of the design for the replacement of the existing water and sewer
	systems. He reviewed the designed profile grades to confirm conformance with AASHTO design criteria and LA DOTD sub-surface
	hydraulic criteria. He. performed technical analysis and quality control reviews of the proposed geometric details and joint layouts. Mr.
	Schindler reviewed calculations for quantities for all construction items. He performed quality control reviews of the final construction
	plans and specifications, including typical sections, plan/profile sheets, geometric detail, joint layouts and cross sections.
05/12-08/16	Baker Canal Bridge Replacement (S.P. No. H000698). Baker, LA LADOTD
	Mr. Schindler was Project Principal, Engineer of Record and Quality Control Officer. Project consisted of the design for the replacement
	of the northbound and southbound bridges over Baker Canal, along with reconstruction of the approach roadway and geometric
	improvements for the US 61/LA 964 interchange. Mr. Schindler performed technical quality control reviews for all aspects of the highway
	design in accordance with LA DOTD and AASHTO policies and criteria. He Performed technical quality control reviews of the horizontal
	and vertical design and quality control reviews of the H&H analyses in accordance with LA DOTD Hydraulics manual for drainage
	improvements (open ditch & sub-surface drainage). Mr. Schindler performed technical quality control reviews of the preliminary and
	final construction plans, which included typical sections, plan/profile sheets, traffic control plans, sequence of construction, and cross
	section sheets. Included guard rail in accordance with AASHTO's roadside design guide. He calculated construction quantities. He
	reviewed RFI and provided recommendations. He also reviewed and approved plan changes and provided construction support during
	the construction phase.
01/99-09/01	Clayton - Greenville; LA 15 (S.P. Nos. 26-03-0024 & 26-04-0025), Catahoula & Concordia Parishes, LA LADOTD
	Mr. Schindler served as Project Manager. He designed an upgrade of seven (7) miles of existing two-lane rural arterial highway to a four-
	lane divided, which included both a 4-lane rural with depressed median and an urban couplet with sub-surface drainage. He designed all
	geometric details at intersections, median cross-overs, including design of the geometric details for the realignment of the major urban
	intersections at LA 566 and US 165. He performed a line and grade study for the required realignment of LA 566 in order to minimize
	required right-of-way impacts. Mr. Schindler performed hydrologic and hydraulic calculations for the drainage design in accordance with
	LA DOTD's Hydraulics Manual. He prepared complete sets of construction plans, which included typical sections, plan/profiles, signing
	and striping layouts, design drainage maps and cross sections. He calculated all construction quantities and prepared the engineers opinion
	of probable construction cost (OPCC).
09/95-12/99	Golden Meadow - Larose; LA 3235 (a.k.a. LA 1 Relocated) & Extension of LA 657 (S. P. Nos. 829-11-0008 & 829-26-0007).
	Lafourche Parish, LA LA DOTD
	Mr. Schindler served as Project Manager and Engineer-of-Record. He designed five (5) miles of a four-lane arterial on new alignment.
	He also designed the extension of La 657 between existing LA 1 and new LA 3235, which consisted of .5 miles of new two-lane rural
	highway, along with geometric design of major new intersections with existing LA 1 and new LA 3235. Mr. Schindler also prepared
	complete sets of construction plans for separate embankment and paving construction plans, which included typical sections,
	plan/profiles, signing and striping layouts, design drainage maps and cross sections. He designed plans for the relocation for a levee
	which crossed the new alignment. He performed hydrologic and hydraulic calculations for the drainage design in accordance with LA
	DOTD's Hydraulics Manual. Mr. Schindler calculated all construction quantities and prepared the engineers opinion of probable
	construction cost (OPCC).

Firm employed by	y Modjeski and Mas	ters, Inc.								
Name Cullen J	. Ledet, PE			Years o	f releva	ant expo	erience w	ith this en	nployer	20
Title Senior P	roject Manager			Years o	f releva	ant expo	erience w	ith other e	employer(s)	0
Degree(s) / Years	/ Specialization		BS	2000	Civil	Engine	eering			
Active registration	n number / state / exp	iration date	3322	2	LA	9/30/	/2023			
			Worl	x Zone T	raining	Comp	liant			
Year registered	2007	Discipline	Civil							
Contract role(s) /	brief description of re	sponsibilities								
N	Ir. Ledet has been en	nployed as a D	esign l	Engineer	in the	New O	Orleans of	fice of Mo	odjeski and Master	rs, Inc. since
2	002, after having inter	med two summ	ers wi	th the firi	m. Dur	ing this	s period h	e has beer	n engaged in the de	esign of both
fi fi	xed and movable hig	hway and railr	oad br	ridges. N	Mr. Led	let has	prepared	designs,]	plans, and specifi	cations for a
n n	umber of projects both	for improveme	ents as	well as c	complex	x projec	cts. Mr. Le	edet will so	erve as Quality Co	ntrol Officer
fo	or the contract.									
Experience dates	Experience and qua	alifications rele	vant t	o the pro	oposed	contra	ct; i.e., "c	designed of	drainage", "desigr	ied girders",
(mm/yy–mm/yy)	"designed intersecti	on", etc. Expe	rience	dates she	ould co	ver the	e time spec	cified in th	ne applicable MPF	k(s).
3/17 - ongoing	LA 1 – Port Allen E	Bridge Replace	ment.	Port Alle	en, LA	LADC	OTD			
	The ongoing project	consists of repl	acing	the existing	ng north	hbound	l and south	bound bri	dge structures on I	A 1 over the
	Intracoastal Canal W	aterway (ICW)	<i>W</i>). Th	e propos	ed LA	1 SB Bi	ridge will	consist of	3 - 12' travel lane	s and 2 - 10'
	shoulders and will b	e approximately	/ 2,680)' long.	The pro	posed I	LA 1 NB	Bridge wi	ll consist of 2 - 12	' travel lanes
	and 2 - 10' shoulder	rs (LA 1 NB ro	adway	y), a perm	nanent 2	2' wide	e median b	parrier and	l 1 - 12' travel lan	e with $2 - 6'$
	shoulders (I-10 EB I	Exit Ramp roady	way).	The Exit	Ramp a	and LA	1 NB roa	dway will	be separated by a	permanent 2'
	wide median barrier	until the LA I	NB B	ridge wil	l bifurc	ate who	ere the LA	A I NB ro	adway and $I-10 E$	B Exit Ramp
	roadway will be car	ried on separate	bridge	e structur	es. Ine		NB Bridg	$\frac{1}{1}$ SD D	J EB Exit Ramp B	ridge will be $f = 870^{\circ}$ land
	approximately 2,700	and 554 long	g, respe	ectively.	Both L	A I NI	B and LA	I SB BII	iges will consist of	t a 8/0 long
	naunched three span	Ladat sorras a	a Dom	e girder if	iain spa	in unit (over the h	w w and is d	presuressed concre	arel Dian and
	Elevation drawings	. Leuel serves a vhile identifyin	s Dept	ny Projec	conflict	ger for	ulls proje	d avisting	structures	erar Pian and
	Elevation drawings v		g any f		commet	s with t	utilities all	u existing	structures.	
12/15-02/17	H 010620 US 90 fro	m Albertson P	kwv ta	Amhas	sador ([¬] affrev	Pkwv – F	RNSF Fro	ntage Road Bridg	es
12/13/02/17	Lafavette Parish, L	A LADOTD	n n j u	<i>,</i> , , , , , , , , , , , , , , , , , ,		Juilley	I Kwy I		inage noud Dridg	
	M&M provided an ir	dependent OC	review	of the from	ontage r	road bri	idges over	the BNSF	Railroad. The brid	lges included
	construction of vario	us continuous p	recast	prestresse	ed conci	rete girc	der spans s	supported of	on bent columns an	d pile footing
	foundations. Mr. Le	det performed t	he revi	ew of the	e structu	ural plai	ns and det	ails at even	ry submittal milest	one.
		-				×			-	

6/12 -12/16	S.P. H.009933: MacArthur Drive Interchange. Harvey, Louisiana LADOTD
	The MacArthur Interchange Project consisted of the addition of two new ramps to the Westbank Expressway near
	MacArthur Drive, as well as the demolition of two existing ramps. M&M was responsible for the substructure design
	for Ramps 7 and 8 in a complex urban setting which included steel pile footings and reinforced concrete columns.
	M&M also provided construction related engineering support services. Mr. Ledet provided peer review services of the
	original design. Mr. Ledet detailed the flared reinforced concrete columns and provided construction related
	engineering services for this project.
01/14-06/15	US 90 (Future I-49) from Albertsons Pkwy to Ambassador Caffrey Pkwy, Lafayette Parish, LA LADOTD
	As a member of the Design-Build team with C.H. Fenstermaker & Associates, M&M provided an independent QC
	review of the structures over the BNSF Railroad and Albertsons Parkway. Both bridges included construction of
	various continuous precast prestressed concrete girder Spans supported on bent columns and pile footing foundations.
	The structures over the BNSF Railroad included a phased sequence of construction. Mr. Ledet performed the review
	of the structural plans and details at every submittal milestone.
12/01 - 12/02	Illinois River Bridge. Elgin, Joliet & Eastern Railway Company. Devine, Illinois
12/08 - 10/09	The Illinois River Bridge was originally built as four 154-foot fixed through truss spans. About 1932, Span 2 was
	converted to a vertical lift span and the adjacent spans fitted with lifting towers, counterweights, and an electro-
	mechanical operating system, providing a 120-foot clear opening. Under the provisions of the "Truman-Hobbs Act"
	of 1940, the USCG is funding alteration of the bridge to provide a 300-foot marine opening. The replacement vertical
	lift span will be 348 feet long and have a maximum lift vertical clearance of 56 feet. M&M collected relevant data,
	evaluated alternatives, established design criteria, cost estimates, prepared project report, and provided the final design.
	Mr. Ledet designed and detailed the framing for the operator house as well as the pier grillage structures.
09/08-02/11	S. P. 701-65-1098 Replacement of LA3249 (Well Road) over I-20. Monroe, LA LADOTD
	This Project was the replacement of the Well Road Overpass using accelerated construction methods to construct
	replacement spans within the interchange R/W and over a weekend remove existing spans and install new spans. Mr.
	Ledet was the point of contact for Modjeski and Masters, Inc. He designed and detailed deck drainage; calculated
	quantities and generated construction cost estimate; construction services.
06/01-08/14	S.P. 700-18-0014 Huey P. Long Bridge Widening at New Orleans, LA LADOTD
	This Project widens the existing bridge roadways through the widening of river piers using conventional and post-
	tension concrete, two new truss lines and 43' roadways to replace existing 18' roadways. The Project construction cost
	is \$1.2B. This Project was a major complex design involving adding truss lines while maintaining existing traffic. Mr.
	Ledet assisted in the design and detail of the main river pier widening; designed and detailed plans and generated
	specifications for various components of the superstructure and substructure of the approaches, including steel and
	prestressed concrete girders; provided construction engineering support services for approaches contract.

Firm employed by I	Modjeski and Masters, Inc.								
Name Yelena A	. Rivera, PE		Years of	of relev	vant expe	erience w	vith this emp	oloyer	0
Title Engineer -	- Highway Section		Years of	of relev	vant expe	erience w	ith other en	nployer(s)	13
Degree(s) / Years /	Specialization	BS	2009	Civi	il and Er	nvironme	ental Engine	ering	
Active registration 1	number / state / expiration date	PE40	502		LA	09/3	0/2024		
		Work	x Zone Tra	raining	g Compli	iant			
Year registered	2016 Discipline	Civil							
Contract role(s) / br	ief description of responsibilities:								
M	s. Rivera has over 13 years of experi	ence in	the desig	ign of	infrastru	ucture pr	ojects. She	has a broad knowle	dge of current
La	uisiana Department of Transportation	and D	evelopme	ent (L	A DOT	D) and the	he America	n Association of Sta	te Highway &
Tr	ansportation Officials' (AASHTO) po	licies a	and design	n proc	cedures.	She has	worked on	a variety of highway	y/roadway and
br	idge improvement projects through p	lanning	g and des	sign p	phases. S	She has a	also served	in project managen	nent roles and
pe	rformed construction administration.	she has	complete	ed the	followin	ng transp	ortation rela	ited training courses:	
	ATTSA - Traffic Control Technicia	n Supe	ervisor, LA	ADOI	TD speci	fic			
•	LADOID/LIAP – Bridge Load Ra	ting in	Louisiana	ia					
•	LADOTD/RPC – Design Streets for	r Pedes	strians and	d Bicy	cles				
•	LADOID/LIAP – Local Public Ag	gency C	Core Train	nıng					
•	LADOTD/LTAP – Local Public Ag	gency P	Project Pla	annıng	g, Feasib	oility & A	pplication		
•	LADOTD/LTAP – Local Public Ag	gency C	Construction	ion En	igineerin	ng and Ins	spection Tra	ining	
	As. Rivera will serve as an engineer for	Road	and Drain	nage L	Design.		1.1. '	· · · · · · · · · · · · · · · · · · ·	
Experience dates	Experience and qualifications relevant	nt to th	e propose	sed con	ntract; <i>i</i> .	e_{\cdot}, des_{\cdot}	gned draina	ge", "designed girde	rs", "designed
(mm/yy–mm/yy)	intersection, etc. Experience dates s	hould c	cover the t	time s	specified	in the ap	plicable MI	$\frac{PR(s)}{C}$	DDU
2/17 - 7/20	Central City Group A (FRC) (D	PW P.	. No. 201	17-KF	KU21). N	New Orl	leans, LA	City of New Orle	ans - DPW
	Ms. Rivera served as Project Man	ager o	verseeing	g the	Survey	ing, Prel	liminary D	esign, Final Design	and Bidding
	Phases of this project. Project cons	sisted o	of full rec	constr	ruction ((FRC) of	f several sti	reets (13 blocks) in	the urbanized
	Central City Neighborhood of N	lew O	Orleans. I	Proje	ct was	a comp	olex urban	design due to th	e number of
	underground utilities. Included g	eomet	ric desig	gn in	accord	ance wi	th AASH	ΓO design criteria	and ensured
	compliance with the Americans w	ith Dis	sabilities	s Act ((ADA).	Include	d hydrolog	ic and hydraulic an	alyses for the
	design of the sub-surface drainage	system	10° for a 10°)-year	design	storm in	accordanc	e with the LA DOT	D Hydraulics
	Manual, along with design of the r	eplace	ment of e	existi	ing wate	er and sa	nitary sew	er systems.	
1/19 - 7/20	Lower Ninth Ward Northeast G	roup (C (FRC)) (DP '	WP.N	o. 2019-	RR105). N	New Orleans, LA	City of New
	Orleans - DPW								
	Ms. Rivera served as Project Man	ager o	verseeing	g the	Surveyi	ing, Prel	liminary D	esign, Final Design	and Bidding
	Phases of this project. Project cons	sisted of	of full rec	constr	ruction ((FRC) of	f several str	reets (18 blocks) in	the urbanized
	Lower Ninth Ward Neighborhood	l of Ne	ew Orlea	ans. P	Project v	was a co	mplex urb	an design due to th	ne number of
	underground utilities. Included g	<u>eome</u> tr	ric desig	<u>gn in</u>	accord	<u>ance wi</u>	th AASH	ΓO design criteria	and ensured

	compliance with the Americans with Disabilities Act (ADA). Included hydrologic and hydraulic analyses for the
	design of the sub-surface drainage system for a 10-year design storm in accordance with the LA DOTD Hydraulics
	Manual, along with design of the replacement of existing water and sanitary sewer systems.
12/09 - 8/16	Baker Canal Bridge Replacement (S.P. No. H000698). Baker, LA LADOTD
	Ms. Rivera was responsible for performing a site assessment, collecting relevant data for evaluation of potential
	effects on the project area, and coordination with LADOTD to prepare preliminary roadway and bridge plans. She
	also prepared cost estimates for both the replacement and rehabilitation of the existing bridge to perform a cost
	comparison. Upon approval from FHWA, the bridge replacement option was chosen and final roadway and bridge
	plans were prepared. Microstation software along with Inroads application was used to supplement geometric
	calculations for the proposed widening. The bridge consisted of 3-55' AASHTO Type II girder spans over concrete
	bents supported by pre-cast concrete piles. Included reconstruction of the approach roadways along with geometric
	improvement to the US 61/LA 964 Interchange. The project was awarded for construction in September 2014 and
	Ms. Rivera provided assistance during construction as required.
8/13 - 8/14	Judge Edward Dufresne Parkway Extension Stage 0 Feasibility Study and Safety Study. St. Charles
	Parish, LA New Orleans Regional Planning Commission
	Stage 0 Feasibility Study was for the investigation of alternatives to extend Judge Edward Dufresne Parkway or
	provide emergency access to I-310 in the event of a train derailment. Ms. Rivera was responsible for conducting
	a windshield survey, collecting pictures and existing information and preparing geometric alignment concepts and
	typical section drawings for the alternatives for the Stage 0 report.
1/10 - 3/12	I-12 to Bush Environmental Impact Statement, LA LADOTD
	EIS for a proposed 4-lane highway from Bush, Louisiana to Interstate 12. Ms. Rivera performed a Line and Grade
	study for several alternatives. The study included developing the most suitable horizontal and vertical alignments
	for each alternative using Microstation and Inroads software, creating typical section templates and determining
	cut and fill quantities.
8/10 - 5/11	Airline Highway Bus Rapid Transit Stage 0 Feasibility Study. Jefferson Parish, LA LADOTD
	Feasibility study to evaluate the constructability and operational feasibility of the widening of Airline Highway
	(US 61) from Williams Boulevard to Hickory Avenue in Jefferson Parish, Louisiana to accommodate bus rapid
	transit. Ms. Rivera was responsible for collecting relevant data, evaluating potential environmental, cultural, and
	socioeconomic resources within the project area, coordinating with Jefferson Parish Drainage Department as well
	as LA DOID to develop conceptual design plans for improvements aimed at reducing traffic delays and traffic
	congestion. Ms. Rivera incorporated the Complete Streets Policy in the design and evaluated the engineering
	feasibility to complete a Stage 0 Checklist.

Firm em	ployed by	Modjeski and Masters	, Inc.					
Name Justin M. Guillot, PE		Years of relevant experience with this employer 1			1			
Title	Engineer	r – Highway Section			Years of	relevant exp	erience with other employer(s)	4
Degree(s	s) / Years	/ Specialization		BS	2017	Civil and E	nvironmental	
Active re	egistration	number / state / expirati	ion date	PE45	5792	LA	03/31/2024	
			Worl	k Zone Tra	ining Compl	liant		
Year reg	istered	2021	Discipline	Civil				

Contract role(s) / brief description of responsibilities:



Mr. Guillot has over 4 years of experience in the design of infrastructure projects. He has a broad knowledge of current Louisiana Department of Transportation and Development (LA DOTD) and the American Association of State Highway & Transportation Officials' (AASHTO) policies and design procedures. He has also served in project management roles and performed construction administration. In addition, Mr. Guillot has completed coursework by the Federal Highway Administration (FHWA) and National Highway Institute (NHI) in Roadside Safety Design, as well as the American Traffic Safety Services Association (ATSSA). He is certified as a Traffic Control Technician, Traffic Control

Supervisor, and Flagger. Mr. Guillot will serve as an Engineer for Road and Drainage Design.

Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed
(mm/yy–mm/yy)	intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
2/21 - 3/22	Cline Ave Bridge. East Chicago, Indiana United Bridge Partners

This project involves various tasks related to the recent construction of a privately-owned 1.7-mile segmental box girder toll bridge. Mr. Guillot served in a general engineering support role in performing an Independent Technical Review of final Signage and Striping Plans produced by another consulting firm for conformance with Indiana Department of Transportation (InDOT) Design Guidelines as well as the Indiana Manual on Uniform Traffic Control Devices (IMUTCD). He was also tasked with proposing recommendations to improve the safety and operation of the bridge and roadway approaches, including revisions to the pavement marking layout and the addition of various warning and regulatory signs as well as roadway delineation. He produced final construction plans which included corrections to the items found not in compliance as well as the proposed recommendations. He calculated construction quantities and compiled an opinion of probable construction cost. He also reviewed construction material submittals from the contractor for conformance with the project specifications. Another task was the creation of conceptual layouts for new interchanges along the bridge. Mr. Guillot's role included determining the appropriate ramp design criteria (design speed, travel lane and shoulder widths, cross slope, maximum grades, curve radii, etc.) and designing multiple horizontal and vertical geometries for a total of 8 ramps at 2 different interchange locations in accordance with InDOT and AASHTO's "A Policy on Geometric Design of Highways and Streets". These ramps required complex layouts due to vertical clearance issues caused by the presence of overhead utilities and at-grade railroad tracks as well as limited right-of-way availability. He also produced conceptual layout drawings to illustrate each alternative.

9/17 - 12/20	Central City Group A (FRC) (DPW P. No. 2017-RR021). New Orleans, LA City of New Orleans - DPW
	Mr. Guillot served as Design Lead during the preliminary and final design phases then transitioned to Project
	Manager and Construction Administrator upon the start of the construction phase. He performed geometric design
	in accordance with AASHTO design criteria and ensured compliance with the Americans with Disabilities Act
	(ADA) for full reconstruction (FRC) of 9 city blocks in the urbanized Central City Neighborhood. The project
	was a complex urban design due to the number of underground utilities and limited Right-of-Way. Mr. Guillot
	performed hydrologic and hydraulic analyses for the design of the sub-surface drainage system for a 10-year design
	storm in accordance with the LA DOTD Hydraulics Manual, along with design of the replacement of existing
	water and sanitary sewer systems. He oversaw development of the final construction plans and specifications,
	including typical sections, special details, plan/profile sheets, geometric details, joint layouts, and cross sections.
	Mr. Guillot calculated quantities for all construction bid items and compiled an Opinion of Probable Construction
	Cost (OPCC) which was ultimately within 1.1% of the winning contractor's bid. Upon the start of construction,
	Mr. Guillot was the primary point of contact for both the client and the contractor. He reviewed contractor material
	submittals and shop drawings for compliance with the plans and specifications. Lastly, he performed frequent site
	visits to ensure safe work practices were being followed and verify the contractor's implementation of proper
	temporary traffic control measures.
9/16 - 9/19	Rossignol Road Bridge Replacement. Calcasieu Parish, LA Calcasieu Parish Police Jury (CPPJ)
	Mr. Guillot provided general Engineering support for the replacement of an 80' timber bridge on Rossignol Road
	with a precast concrete slab span bridge. He performed geometric design of the bridge alignment and roadway
	approaches in accordance with AASHTO design criteria. He performed hydrologic and hydraulic analyses of
	roadway drainage elements and designed the approach guardrails as well as the bridge abutment scour protection,
	all to LA DOTD standards. He calculated final construction quantities and compiled an OPCC. He also assisted
	in the development of final construction plans and specifications.
9/17-12/19	Old Spanish Trail – Evergreen Rd. Intersection Improvements. Calcasieu Parish, Louisiana SASOL (2016-
	2019)
	Mr. Guillot provided general Engineering support for the design of capacity intersection improvements which
	included the realignment of Evergreen Rd. along with the addition of left and right turn lanes at the intersection.
	He performed geometric design calculations in accordance with AASHTO design criteria and utilized AutoTurn
	to verify that the WB-67 design vehicle could successfully navigate the intersection and turn lanes given the
	proposed configuration. He performed hydrologic and hydraulic analyses for the design of a new sub-surface
	drainage system which complies with current LA DOTD standards. He also oversaw the preparation of
	construction plans and specifications which included typical sections, plan/profile sheets, design drainage maps,
	geometric details, sequence of construction, signing and pavement marking details, and cross sections.

Firm employed by Modjeski and Masters, Inc.							
Name Emily	Name Emily E. Adoue, EI			Years of	relevant exp	perience with this employer	1
Title Engine	Engineer Intern–Highway Section			Years of	relevant exp	perience with other employer(s)	2
Degree(s) / Years / Specialization MS		2020	Civil and H	Environmental			
BS			BS	2017	Biological	Engineering	
Active registration number / state / expiration date EI34		EI34	558	LA	03/31/2023		
Wor			Worl	k Zone Tra	ining Comp	liant	
Year registered	2020	Discipline					

Contract role(s) / brief description of responsibilities:



Ms. Adoue is a Civil Engineer Intern with Modjeski and Master's New Orleans office. She has experience in providing engineering and CAD support for the development of roadway and bridge plans and specifications, inspections, and construction oversight. She has a broad knowledge of current Louisiana Department of Transportation and Development (LA DOTD), the American Association of State Highway & Transportation Officials'(AASHTO), and American Railway Engineering and Maintenance-of-Way Association's (AREMA) policies and design procedures.

She is certified as a Traffic Control Technician and is proficient in utilizing MicroStation, InRoads, AutoCAD, Inventor, and HYDRWIN. Ms. Adoue will serve as an Engineer Intern for Road and Drainage Design.

Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed
(mm/yy–mm/yy)	intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
12/19 - 12/20	LA 37 (Sullivan Rd. – Liberty Rd.) Stage 0 Feasibility Study (S.P. No. H.00297.1). Baton Rouge, LA
	LADOTD
	Ms. Adoue provided general Engineering support for a Stage 0 Feasibility Study to evaluate the constructability
	and operational feasibility of various safety and operational roadway improvement alternatives along an 8.5-mile
	section of LA 37, broken down into 3 segments. In Phase 1, Ms. Adoue performed initial project research, data
	collection, and site investigations to document and observe existing conditions. She assisted with the development
	of the Preliminary Purpose and Need Statement and contributed to the compilation of the Phase 1 report, which
	indicated significant safety and capacity deficiencies throughout the project area and thus justified moving to Phase
	2.
12/19 - 12/20	Central City Group A (FRC) (DPW P. No. 2017-RR021). New Orleans, LA City of New Orleans - DPW
	Ms. Adoue provided general Engineering support during the final design and construction phases for the full depth
	street repair project in the Central City Neighborhood of New Orleans. The project was a complex urban design
	due to the number of underground utilities and limited Right-of-Way. Ms. Adoue assisted with the development
	of the final construction plans and specifications, including typical sections, special details, plan/profile sheets,
	geometric details, joint layouts, and cross sections. Ms. Adoue contributed to the calculated quantities for
	construction bid items and compilation of an Opinion of Probable Construction Cost (OPCC) which was ultimately
	within 1.1% of the winning contractor's bid. She also prepared final bid tabulations. Upon the start of construction,

	Ms. Adoue reviewed contractor material submittals and shop drawings for compliance with the plans and specifications.
12/19 - 12/20	Lower Ninth Ward Northeast Group C (FRC) (DPW P. No. 2019-RR105). New Orleans, LA City of New Orleans - DPW (2019-2020) Ms. Adoue provided general Engineering support during the preliminary design phase for full reconstruction of 12 city blocks in the urbanized Lower Ninth Ward Neighborhood. The project was a complex urban design due to the number of underground utilities and limited Right-of-Way. Ms. Adoue performed hydrologic and hydraulic analyses for the design of the sub-surface drainage system for a 10-year design storm in accordance with the LA DOTD Hydraulics Manual, along with design of the replacement of existing water and sanitary sewer systems. She developed preliminary plans and specifications, including typical sections, plan/profile sheets, and geometric details. Ms. Adoue also contributed to the calculated quantities for construction bid items and the preliminary OPCC.
12/19 – 12/20	Filmore South Group D (FRC) (DPW P. No. 2020-RR045). New Orleans, LA City of New Orleans - DPW Ms. Adoue provided general Engineering support during the preliminary design phase. She performed geometric design in accordance with AASHTO design criteria and ensured compliance with the ADA for full reconstruction of 4 streets (approx. 3800 linear feet) in the urbanized Filmore Neighborhood. The project was a complex urban design due to the number of underground utilities and limited Right-of-Way. Ms. Adoue performed hydrologic and hydraulic analyses for the design of the sub-surface drainage system for a 10-year design storm in accordance with the LA DOTD Hydraulics Manual, along with design of the replacement of existing water and sanitary sewer systems. She developed preliminary plans and specifications, including typical sections, plan/profile sheets, and geometric details. Ms. Adoue also contributed to calculated quantities for construction bid items and the preliminary OPCC.
01/21 - 09/21	Almonaster Avenue Railroad Bridge Over the Industrial Canal. New Orleans, LA Port of New Orleans Ms. Adoue provided general Engineering and CAD support for the bridge assessment and complete rehabilitative engineering design for the rehabilitation of the Almonaster Avenue Railroad Bridge. This project involves the partial replacement of the Almonaster Avenue Railroad Bridge, a movable Strauss-heel trunnion bridge. A 2019 assessment of the circa-1920 bridge revealed that improvements to the electrical and mechanical systems, superstructure, and counterweight were required to return this bridge to its full operating capability. Although the existing substructure could remain, modifications were deemed necessary to accommodate the rehabilitated superstructure. The necessary design plans were developed to replace the span drive and span lock machinery, operating strut, guide assembly, live load bearings, counterweight trunnion pin, and bushing. The main trunnion bearings were rehabilitated and repositioned.

Firm employed by	Vectura Consulting Services, L	LC						
Name Sheelagh	Brin Ferlito, PE, PTOE		Years of experience with this firm/employer	7				
Title Principal			Years of experience with other firm(s)/employer(s)	27				
Degree(s) / Years	/ Specialization	B.S.	. / 1988/ Civil Engineering					
Active registration	n number / state / expiration date	PE.0	025383 / LA 9/30/2023					
Year registered	1993 Discipline	Civil						
Contract role(s) /	orief description of responsibilities							
Ms. Ferlito co-founded VECTURA in 2015 and has focused her career on traffic and transportation engineering. Her professional experience includes the development of regional planning studies, intersection and corridor improvement studies, traffic impact studies, traffic/pedestrian signal equipment design, ITS design and CE&I services for construction projects. She is familiar with Federal Highway Administration (FHWA) and Louisiana Department of Transportation and Development (LA DOTD) traffic guidelines, policies and procedures. Her projects have been located in communities throughout Louisiana for both private companies and public agencies. For this contract Ms. Ferlito will serve as Traffic Signal Design and CE&I Supervisor and perform								
Experience dates	Experience and qualifications rele	vant t	o the proposed contract: <i>i.e.</i> "designed drainage" "design	ed girders"				
(mm/vv_mm/vv)	"designed intersection" etc. Experience dates should cover the time specified in the applicable MDP(s)							
07/21 - current	H 007160 - FBR Computerized Traffic Signal Phase VR (Baton Rouge Louisiana) Brin is the task leaders for Vacture							
ovi 21 ourient	for the Construction Engineering and Inspection of 24 traffic signals. Brin oversaw the review of signal mast arm shon							
	drawings to assist the City-Parish of	Baton	Rouge in accepting the manufactured poles. Brin and Reece, with	1 the DOTD,				
	City-Parish and the Contractor conduc	ted fie	ld visits to confirm pole foundation locations.					
07/19 - current	H.004791 DOTD Belle Chasse Bridg	ge & 7	Funnel Replacement PPP (Belle Chasse, LA) Brin is the project	manager for				
	the temporary and permanent traffi	c signa	al plans for the intersections of LA 23 at Burmaster St and at Engin	eers Rd. She				
	based her traffic signal plans on design	year v	volumes that were developed using growth rates from the New Orle	ans Regional				
	Planning Commission Travel Deman	nd Mo	del. This project is the first ever Public-Private-Partnership p	erformed by				
	Louisiana DOTD. She coordinated	the de	tour plans based on the sequence of construction as part of	the Level 2				
00/20 12/21	I ransportation Management Plan (1MP)	I 10 (A D D	ha lastan af				
09/20 - 12/21	H.010960.5 LA 30 Roundabouts a	t Iang	ger 1-10 (Ascension Parish) Brin is the project manager for the	ne design of				
	The project involves replacing three	I be in	iptemented during the roundabout construction along LA 30 in G	Δ_{20} of L 10				
	Interphones ramps and at the Tang	existi Por Dou	lig signalized intersections with mutualie foundabouts along LA	450 at 1-10				
	construction to maintain progression a	long I	A 30	Juase of the				
02/20 - 11/21	H.010616 DOTD I-20 LA 544 Over	nong L	enlacement (Ruston, LA) Brin is the project manager for the Tra	nsportation				
02/20 11/21	Management Plan (TMP) as part of a	a desig	n for a bridge replacement and three roundabouts in Ruston I.A. T	he TMP was				
	a Level 2 and included evaluation of	f 10 S	sequence of Construction Phases. Defours included reporting tra	affic to other				
	interchanges at nighttime only, rerouti	ng traf	fic from I-20 to the off ramp and on ramp at nighttime only, and rem	outing traffic				
	to service roads in vicinity of the proje	ect. Br	in coordinated the queue analysis with DOTD to determine when	lane closures				

	would be allowed utilizing 24-hour tube counts. She will also coordinate the development of temporary traffic signal plans
	for this project as well.
07/18 - 04/19	LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish (Addis, LA) Brin
	developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in
	Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal
	design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study,
	crash analyses, intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal
	timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin
	also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17-04/18	US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design
	(Slidell, LA) Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and
	pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection,
	analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study,
	a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.
04/14 - 12/14	H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA) As the project engineer, Brin
	designed three signalized intersections as part of a road widening project as per EBR DPW and DOTD requirements. Ms.
	Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision
	specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of
07/12 02/14	construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12-03/14	EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge,
	LA) Brin was the Project Resident Engineer on behalf of EBR for performing CE&I services for the construction of 11
	traffic signals. She maintained records of the contractor's daily operations, coordinated significant events that affected
	construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily
	installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS
	division for fiber splicing into interstate I-12 fiber backbone and ATM/EOC building. She processed all monthly tasks in
07/00 00/00	EBR formats as well as well as all items on the EBR project closeout checklist.
07/08-09/09	SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA) Brin was the
	Project Resident Engineer for DOTD and EBR to perform CE&I services for the construction of 21 traffic signals. She
	developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events
	that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings,
	monthly contractor new estimates. She also coordinated with DOTD ITS division for fiber enlising into Airling Highway
	fiber backbone and ATM / EQC building. She processed all monthly tacks electronically in DOTD Site Manager and in EPP
	required formats as well as all items on the DOTD Project Closeout Checklist including the 2050 Report
00/13 04/14	S.P. 700-00-0077 Jefferson Hwy Signal Design (Baton Bouge J.A.) Ms. Ferlito designed traffic signal plans for 11
09/13 - 04/14	intersections along Lefferson Highway between College Drive and the L12 On Ramp in Baton Rouge. Design included traffic
	signal layout fiber interconnect layout fiber splicing diagrams nedestrian crosswalk layout and sign layout Design also
	included traffic signal synchronization signal timing and pedestrian signal timing. She prepared estimated quantities
	preliminary and final signal construction plans and specifications.
	promining and that is an observer plans and spectre atoms.

Firm em	ployed b	y Vectura Consult	ting Services, I	LC		
Name	Laurence Lucius Lambert, II, PE, PTOE, PTP			РТР	Years of experience with this firm/employer	7
Title	Supervi	sor			Years of experience with other firm(s)/employer(s)	18
Degree(s) / Years / Specialization B.S./1997/Civil Engr.			/1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focu	s)		
M.B				M.B	.A./2010	
Active registration number / state / expiration date PE.			iration date	PE.0	029901 / LA / 3/31/2024	
Year reg	gistered	2001	Discipline	Civi	1	

Contract role(s) / brief description of responsibilities



Mr. Lambert co-founded VECTURA in 2015 and has performed traffic services ranging from transit facility location studies to corridor studies that focus on complete street improvements. He also performed intersection / corridor studies for some of the most complicated corridors in the state of Louisiana using HCM and microsimulation tools to tackle these projects. Laurence also developed transportation components of several city, parish and regional comprehensive master plans. He currently serves as the Chair on the East Baton Rouge Complete Street Citizen Advisory Committee and the Board of Directors for the Capital Area Transit System (CATS). Laurence also taught the transportation engineering course in the Civil Engineering department at

the University of New Orleans as an adjunct instructor. For this contract Mr. Lambert will serve as TMP Supervisor and perform Traffic Signal Design QC. He also fulfills MPR #5.

Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders",
(mm/yy–mm/yy)	"designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
06/21 - 02/22	H.013267 Capital Area Pathways Project (Baton Rouge, LA) Laurence was project manager for a traffic study to
	evaluate trail crossings at three state routes that required DOTD approval. The traffic study included traffic data
	collection, safety analysis, existing conditions analysis and alternative analysis. Laurence used the DOTD Traffic
	Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.
02/21 - 03/21	H.013256.5 I-10 ITS Scott to Lake Charles (Southwest Louisiana) Laurence was the lead traffic engineer for a Level 2
	Traffic Management Plan (TMP) for the construction of ITS equipment along I-10. The plan included a safety strategy that
	included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and
	public information strategies.
04/18 - 12/21	H.010960.5 LA 30 Roundabouts at Tanger & I-10 Gonzales (Ascension, LA) Laurence provided a Quality Control review
	of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of
	signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings
	Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.
04/18 - 12/21	H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish) Laurence provided a Quality Control review of the
	temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing
	and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet
	PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.
02/20 - 09/21	College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA) Laurence was the project manager
	to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection) for
	proposed improvements College Drive. Since the I-10 interchange was included in the study, approval from DOTD was

	required. After the 7-day, 24-hour counts were collected in March of 2020, DOTD stopped all data collection due to the
	impacts of COVID-19. After a pause of a year, Vectura closely worked with the City of Baton Rouge and DOTD to provide
	sufficient data that traffic patterns were returning to pre-COVID conditions and allowed PM peak hour data to be collected.
	Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations,
	verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations.
10/17 - 10/18	H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA) Laurence was the lead transportation
	engineer for a Corridor Planning Study for LA 182. The scope focused on improving safety and mobility for pedestrian,
	bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and
	bicycle counts. Laurence coordinated with the Acadiana Planning Commission to develop growth rates and design year
	volumes. Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses
	for the signalized and roundabout controlled alternatives. Included in the study was a safety analyses of five intersections
	and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design
	team for improving safety of pedestrians, bicycles, and vehicles.
09/16 - 04/17	H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA) Laurence was the lead
	traffic engineer for a DOTD traffic study for the new LA 3241 alignment with the purpose of obtaining both existing and
	projected future traffic variables in accordance with standard operating procedures typically performed in these types of
	analyses. Laurence worked closely with the NORPC and District 62 to develop design year volumes using data the
	TransCAD model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent
	with the latest DOTD policies related to access management. Laurence, along with Brin, collected 7-day, 24-hour counts
	w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines.
07/16 01/17	Laurence also developed a VISSIVI traffic simulation model of the preferred alternative.
0//16-01/1/	Federal Highway Administration Intersection & Interchange Geometrics (IIG): Innovative Design Considerations
	for All Users At the request of the FHWA division office for Virginia, Laurence was asked to review a set of design plans
	for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a
	for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vecture specifically reviewed and commented
	for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vectura specifically reviewed and commented on the intersection geometry, pavement markings and signage. The findings were summarized in a technical memorandum
	for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vectura specifically reviewed and commented on the intersection geometry, pavement markings and signage. The findings were summarized in a technical memorandum as well as "red line" comments were scanned and submitted to the FHWA Virginia Division office for their use.
04/11 - 09/11	for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vectura specifically reviewed and commented on the intersection geometry, pavement markings and signage. The findings were summarized in a technical memorandum as well as "red line" comments were scanned and submitted to the FHWA Virginia Division office for their use. SPN 424-04-0032 US 90 at Louisiana 85 Design-Build Maintenance of Traffic Plan (Iberia Parish, LA) Laurence
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04/11 - 09/11 06/10 - 10/10	 for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vectura specifically reviewed and commented on the intersection geometry, pavement markings and signage. The findings were summarized in a technical memorandum as well as "red line" comments were scanned and submitted to the FHWA Virginia Division office for their use. SPN 424-04-0032 US 90 at Louisiana 85 Design-Build Maintenance of Traffic Plan (Iberia Parish, LA) Laurence developed a Maintenance of Traffic plan that accommodated the bridge and road widening, but also maintain passage of large trucks and freight through the heavily travelled corridor crucial for agricultural goods and farming. Laurence was the Lead Traffic Engineer for one of the first design-build projects undertaken by DOTD, which included the construction of a grade separated, diamond interchange to replace the existing US 90 intersections with Louisiana 85 in Iberia Parish to upgrade this future I-49 corridor to interstate standards. SPN 454-02-0071 I-12 Widening Design-Build Amite River Bridge to Juban Road Maintenance of Traffic Plan
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04/11 - 09/11 06/10 - 10/10	 for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vectura specifically reviewed and commented on the intersection geometry, pavement markings and signage. The findings were summarized in a technical memorandum as well as "red line" comments were scanned and submitted to the FHWA Virginia Division office for their use. SPN 424-04-0032 US 90 at Louisiana 85 Design-Build Maintenance of Traffic Plan (Iberia Parish, LA) Laurence developed a Maintenance of Traffic plan that accommodated the bridge and road widening, but also maintain passage of large trucks and freight through the heavily travelled corridor crucial for agricultural goods and farming. Laurence was the Lead Traffic Engineer for one of the first design-build projects undertaken by DOTD, which included the construction of a grade separated, diamond interchange to replace the existing US 90 intersections with Louisiana 85 in Iberia Parish to upgrade this future I-49 corridor to interstate standards. SPN 454-02-0071 I-12 Widening Design-Build Amite River Bridge to Juban Road Maintenance of Traffic Plan (Livingston Parish, LA) Laurence was responsible for designing a Maintenance of Traffic plan that would keep drivers informed of real time traffic situations through a comprehensive traffic management system. Four lanes (two lanes in each direction) were to remain open during peak travel times throughout the length of the project. Temporary lane closures only

Firm en	Firm employed by Vectura Consulting Services, LLC					
Name	Prasanth	Malisetty, PE, PT(DE, PTP, RSP	1	Years of experience with this firm/employer	2
Title	Senior Project Engineer				Years of experience with other firm(s)/employer(s)	17
Degree(Degree(s) / Years / Specialization B.E. / 2003/ Civil Engineering; M.S. / 2004/ Civil Engineering					
Active registration number / state / expiration date PE			iration date	PE.0	035792 / LA / 3/31/2023	
Vear re	gistered	2010	Discipline	Civil		

Contract role(s) / brief description of responsibilities



Mr. Malisetty has versatile experience in the field of Traffic Engineering and Transportation Planning. He has worked on variety of projects involving Feasibility Studies, Traffic Engineering Studies, Safety Studies, Signal Timing and Coordination, Traffic Signal Designs, Corridor Studies, and Traffic Impact Studies. Having started his career as a Travel Demand Modeler, Prasanth has worked on variety of transportation planning projects for various Metropolitan Planning Organizations and later years he transitioned into a Traffic Engineer working on variety of Transportation

Safety and Operations projects for various public and private agencies. He also has extensive experience in developing traffic signal timing and coordination plans, programing controllers and fine-tuning timing plans in the field. Data Collection / Senior Project Engineer. Mr. Malisetty will serve as Senior Project Engineer for Traffic Control Design, Signal CE&I and TMP for this contract.

6	
Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders",
(mm/yy–mm/yy)	"designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
04/21 - current	CP No. 16 CI-US-0032 Bus Rapid Transit (BRT) Improvement Project (Baton Rouge, LA) The BRT limits of
	study span 5 miles over four different corridors and 19 traffic signals through the core of Baton Rouge. Prasanth was the
	lead traffic for the traffic study that included data collection, safety analysis, Existing and Build Condition analyses, transit
	signal priority timing analysis and handicap ramp design. Once the traffic study was accepted by Baton Rouge and DOTD,
	Prasanth developed 60% complete signal plans. Most of the intersections were in right-of-way constrained intersections.
	Prasanth worked closely with Baton Rouge and DOTD to resolve the numerous field conflicts.
09/20 - 12/21	H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish) Prasanth was the lead design engineering for temporary
	signal design associated with the sequence of construction for the roundabout at US 171 at Boone St.
09/20 - 12/21	H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish) Prasanth was the lead designer of temporary traffic
	signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves
	replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at

Tanger Boulevard. Prasanth performed a detailed study of the sequence of construction plans to develop temporary traffic signal plans with the optimal signal equipment layout to address different stages of construction. Prasanth developed multiple traffic signal timing plans by the time of day for each sequence of the construction phase to maintain progression along the main corridor.

02/21 – 02/22 MOVEBR LA 67 (Plank Road) Enhancement Project (Baton Rouge, LA) Prasanth was a senior project engineer to enhance transit, bicycle, and pedestrian mobility on LA 67 (Plank Road) that required City-Parish and DOTD approval. Laurence and Prasanth developed traffic operations evaluation of the traffic study which included traffic signal timing evaluations.

01/21 - 05/21	H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes) Prasanth and Reece were
	responsible for measuring anticipated construction quantities and producing a cost estimate for fifteen sites along I-10 where
	CCTV cameras were being installed by using DOTD's Bid Tabulation and Cost Estimating Tool.
12/18 - 7/20	H.012018 LCG Adaptive Traffic Signal System (Lafayette, LA) The project was to develop an Adaptive Traffic Signal
	network for the Lafayette Consolidated Government, which involved upgrading 190 traffic signal controllers. In addition,
	79 traffic signals will be upgraded to become adaptive traffic signals. This will be the largest adaptive traffic signal system
	installed within the state of Louisiana. Prasanth was the project engineer responsible for overseeing field inspection and
	develop signal design plans
12/18 - 7/20	H.002297 LA 37 Sullivan Road to Liberty Road (Baton Rouge) Prasanth was the project manager to develop feasible
	roadway improvement that will improve operation and increase safety along the LA 37 corridor. The project included data
	collection, development of growth rates, existing and future traffic analyses. Prasanth was responsible for traffic forecasting
	for no-build and future alternatives using the CRPC travel demand models. Also, performed the existing and future traffic
	analysis and propose potential alternatives to mitigate existing deficiencies.
11/17 - 12/18	H.013264 District 08 Safety Investment Plan (Louisiana) Prasanth was the project engineer responsible for
	preforming districtwide safety analysis and preliminary engineering studies for various locations considered high
	potential for safety improvements. Responsible for evaluating crash statistics to identify possible roadway issues
	by using appropriate safety analysis tools and recommend potential operation safety countermeasures. Developed
	Countermeasure Evaluation Tool (CET) tool which aid in determining total crash reduction for each proposed
	countermeasure with associated cost savings and perform benefit / cost analysis.
8/10 - 2/18	DOTD Traffic Engineering Contracts (Statewide, LA) As a project engineer for numerous task orders for Signal Timing
	Studies and Designs, Prasanth was responsible for coordinating data collection tasks, intersection analysis, crash analysis,
	developing coordinated signal timing plans and field implementation / fine tuning along 27 corridors throughout statewide
	which involved 264 intersections. Following are the list of corridors
	• District 04; LA 1, LA 526 & US 171, Shreveport, LA; LA 3, LA 3105 & LA 72, Bossier, LA – 110 intersections, 7
	COTTIGOTS
	 District 02; LA 3040 & LA 57, Houma, LA; LA 20, Thibodaux, LA; US 61, New Orleans, LA – 44 intersections, 4 corridors
	• District 62; US 11, Slidell, LA; LA 19, Baker, LA; LA 44, Gonzales, LA; LA 3124 & LA 60, Bogalusa, LA; LA 10
	Franklinton, LA; LA 16, Amite, LA; LA 38, Kentwood, LA; LA 25, Folsom, LA – 68 intersections, 9 corridors
	• District 58: US 425, Vidalia & Ferriday, LA – 11 intersections, 2 corridors
	• District 08: LA 1208-03. US 71 & LA 28 – 21 intersections. 3 corridors
	• District 07: US 190 & US 171, DeRidder, LA – 10 intersections, 2 corridors
02/15-12/16	H.011403 LA 1208-3 Corridor Study (Alexandria, LA) Prasanth was the project engineer responsible for developing and
	examining the concepts that shall improve the safety and efficiency of the corridor. The proposed alternatives included
	modifying roadway characteristics, intersection capacity improvements and roundabouts. Responsible for safety analysis
	and alternatives analyses that included roundabouts, and signalized intersection using Synchro and Sidra.

Firm employed by Vectura Consulting Services, LLC						
Name Reece Re	odrigue, PE, PTOE		Years of experience with this firm/employer	2		
Title Project T	raffic Engineer		Years of experience with other firm(s)/employer(s)	7		
Degree(s) / Years	/ Specialization	B.S.	/ 2013/ Civil Engineering			
Active registration	number / state / expiration date	PE.0	042074 / LA / 3/31/2024			
Year registered	2017 Discipline	Civil				
Contract role(s) / l	prief description of responsibilities					
Mr	. Rodrigue is an experienced trans	portat	ion engineer who has performed traffic data collection, tra	affic signal		
wa wa	rrants, traffic studies, safety studies,	tempo	prary traffic control design and modifications. He is proficien	it in the use		
of	the latest traffic engineering softwar	e tool	s to aid in the completion of these projects. He also has an a	ppreciation		
for	pedestrian signalization crosswalks,	and n	naintaining ADA compliance. He is familiar with local, state,	and federal		
trat	ffic engineering guidelines and polic	ies. M	Ir. Rodrigue will serve as a Project Engineer for Traffic Cont	rol Design,		
Signal CE&I and '	TMP for this contract.					
Experience dates	Experience and qualifications rele	vant t	o the proposed contract; <i>i.e.</i> , "designed drainage", "designe	d girders",		
(mm/yy–mm/yy)	"designed intersection", etc. Exper	ience	dates should cover the time specified in the applicable MPR(<u>s).</u>		
07/21 - Current	H.007160 - EBR Computerized T	raffic	Signal, Phase VB (Baton Rouge) Reece is part of the team	responsible		
	for Construction Engineering and	l Insp	pection. Reece has reviewed the signal mast arm shop drawin	igs to assist		
	the City-Parish of Baton Rouge in a	accept	ing the manufactured poles. Reece, with the DOTD, City-Par	rish and the		
	Contractor conducted field visits to	confi	rm pole foundation locations.			
01/21 - 05/21	H.013256 - I-10 ITS Scott to Lak	e Cha	arles (Lafayette, Acadia, and Jefferson Davis Parishes) R	eece was a		
	member of the subconsultant team	who	was tasked with reviewing the ITS plans for 15 sites along	I-10 where		
	CCTV cameras were being installed. Reece was responsible for measuring anticipated construction quantities and					
	producing a cost estimate for said q	uantit	ties by using DOTD's Bid Tabulation and Cost Estimating To	ol.		
09/20 – 12/21	H.011909.5-4 Roundabout: US 17	'1 at F	Boone St. (Vernon Parish) Reece is an essential design engin	leer, who is		
	assisting in the production of the t	empo	rary signal design associated with the sequence of construct	tion for the		
	roundabout at US 171 at Boone St.	He co	onducted a thorough analysis of the US 171 corridor's existing	g allowable		
	movements and identified the mov	ement	is that would be restricted during the proposed construction p	process and		
00/20 10/21	how it would impact the typical training	tfic pa	atterns.	· · · ·		
09/20 – 12/21	H.010960.5 LA 30 Roundabouts a	t Tan	ger I-10 (Ascension Parish) Reece is a design engineer, who	is assisting		
	in the production of the temporary	signal	design associated with the sequence of construction for the re-	oundabouts		
	on LA 30 in Gonzales, LA. This pro	oject c	consists of eight proposed construction phases. He assisted in	calculating		
	the temporary pole heights, determine	nıng t	ne placement location for the temporary poles for each phase,	measuring		
	and calculating clearance interval	s. Re	ece conducted a thorough analysis of the LA 30 corridor	's existing		
allowable movements and identified the			movements that would be restricted during the proposed c	onstruction		
	process and how it would impact the	e typi	cal traffic patterns.			

04/20 - Current	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle
	Chasse) Reece is the project engineer responsible for designing the temporary traffic signal for the intersection of
	LA 23 at Engineers Rd. The design of the temporary signals is set for eight phases of construction per the
	anticipated sequence of construction. Temporary pole location and heights were recommended for placement for
	use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in
	accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion
	of the Traffic Management Plan, which were also used in planning for the permanent and temporary signal timing
	plans. Reece is also a valued design engineer responsible for producing the permanent signal plans for the LA 23
	intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle, and
	pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed
	the wiring layout, and developed the interconnect plan. Reece maintains correspondence with the fellow design
	engineering team for product consistency. In addition, Reece was responsible for reviewing and approving shop
	drawings that were submitted by the contractor for use in construction.
02/20 - 09/21	College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA) Reece was the task
	leader for organizing and formatting the data collection of the College Drive project limits. Tasks included in data
	collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand
	observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
02/16 - 12/16	H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish) Reece was a team member responsible for
	the layouts for the US 190 Superstreet signal designs. He created the preliminary plans using the CAD software
	program MicroStation V8i. He aided in the technical design of each intersection. He conducted field inspections
	to verify locations of existing equipment as well as observing the area for feasible proposed utility locations. He
	attended project team meetings to discuss the project details as well as the plan-in-hand walk-through.
01/16 – 11/17	Ochsner Main Campus Traffic Signals (Jefferson Parish) Reece served as a design engineer for the traffic
	signal plans for the two Ochsner Main Campus access traffic signals with US 90 (Jefferson Hwy). The goal of the
	design was to implement updated pedestrian timings as well as optimize progression through the US 90 corridor.
	He reviewed traffic data and assigned time of day coordination timing parameters for the two intersections so that
	they may be included in the coordinated system west of the intersections. He used TruTraffic determine the
	appropriate offset parameters so that vehicles may progress efficiently through the coordinated system. Plans for
	the two intersections were drafted in the form of DOTD's latest version of the TSI format. He was responsible for
	estimating construction quantities using DOTD's 2016 Spec Item list.

Firm employed by	Vectura Consulting Services, L	LC			
Name Kristen	Gahagan Farrington, PE, PTOE		Years of experience with this firm/employer	1	
Title Project T	raffic Engineer		Years of experience with other firm(s)/employer(s)	7	
Degree(s) / Years	/ Specialization	B.S.	/ 2014/ Civil Engineering		
Active registration	n number / state / expiration date	PE.0	042785 / LA / 3/31/2023		
Year registered	2016 Discipline	Civil			
Contract role(s) /	brief description of responsibilities				
Ms	s. Farrington has performed numero	us Sta	age 0 and other traffic design studies for the LA DOTD. Ki	risten fully	
un	derstands the National Environmenta	l Poli	cy Act (NEPA) process as it relates to transportation engineer	ing studies	
an	d can deliver traffic studies for feder	ral and	d state approval. Kristen is also an expert at MicroStation as	well other	
tra	ffic analysis software. Kristen took f	ormal	Geographic Information Systems (GIS) training and can utili	ze the GIS	
sof	ftware to present crash data and othe	er envi	ronmental information. Ms. Farrington will serve as Project F	Engineer for	
Traffic Control Des	ign, Signal CE&I and TMP for this con	ntract.		1 · 1 · 1	
Experience	Experience and qualifications relev	ant to	the proposed contract; <i>i.e.</i> , "designed drainage", "designed	d girders",	
dates (mm/yy–	"designed intersection", etc. Experi	ence o	lates should cover the time specified in the applicable MPR(s).	
mm/yy)		D		<u> </u>	
06/21 - 02/22	H.013267 Capital Area Pathways Project (Baton Rouge, LA) Kristen was a project engineer for a traffic study				
	to evaluate trail crossings at three state routes that required DOID approval. The traffic design study included				
	DOTD Traffic Engineering Manual MUTCD and EHWA guidance to develop the most effective trail crossing				
	alternatives				
04/19 - 6/21	H 013817 1 A 117 Improvements	s Stao	e 0 (Vernon and Natchitoches Parishes) Kristen served	as project	
0 + 1 - 0 / 21	engineer responsible for a Stage 0 st	udv fo	r 18 miles of two-lane I A 117 from I A 8 to I A 118. The study	v evaluated	
	the impacts of correcting deficient	vertica	and horizontal geometry along the corridor widening for the	he addition	
	of shoulders and adding passing	lanes	and turn lanes at strategic locations along the corridor. K	risten was	
	responsible for performing the safety	v analy	vsis including crash rate number method, over-representation.	CAT Scan	
	quality assurance. HSM existing s	afety	analysis, and No-Build Analysis. Kristen designed high-lev	el concept	
	exhibits, evaluated environmental i	mpact	ts, and prepared high level cost estimates and comparison r	natrices to	
	determine which preliminary alterr	atives	best meet the purpose and need of the project. Kristen co	mpiled all	
	findings in the Stage 0 report and coordinated with stakeholders and local agencies to ensure purpose and need of				
	project is met.				
03/19 - 11/19	H.012311 LA 429 Connector Stag	ge 0 (A	Ascension Parish) Kristen was the task leader for the prepa	ration of a	
	Stage 0 study to evaluate alignment	s for a	limited-access corridor (LA 429) near I-10, between LA 30, I	LA 73, and	
	US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of				
	stakeholder and public meetings, site	e visits	s and data collection, phasing of alternative development for th	ne corridor,	

	scope and budget checklists, and an opinion of probable cost to prepare the Stage 0 Report. Kristen served as the
	civil engineer responsible for designing high level concept exhibits and comparison matrix to determine best
	preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda
	materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
04/18 - 04/19	H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish) Kristen was the
	project engineer responsible for crash and safety analysis, report writing, planning, and designing for this Stage 0
	Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA
	31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade
	was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps.
	Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited
	right-of-way and utility conflicts along the corridors.
09/17 - 09/18	H.011160 LA 73 Corridor Study Stage 0 (LA 74 to LA 621) (Ascension Parish) Kristen was the designer
	responsible for concept development, report writing, and impact analysis for a Stage 0 study. The purpose of the
	study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its
	connecting transportation network. The scope included the evaluation of three interchange configurations for the
	interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different
	alternatives for which line and grade, impacts, and high-level cost estimates were prepared.

Firm employed by	Civil Design & Co	nstruction, In	nc. (CI	D&C)			
Name Karla E. Weston, PE				Years of relevant experience with this employer 17			
Title Presider	President			Years of relevant experience with other employer(s)	6		
Degree(s) / Years /	Specialization		Bach	elor of Science / 1999 / Civil Engineering			
Active registration	number / state / expira	ation date	31010	0 / Louisiana / March 31, 2024			
Year registered	2004	Discipline	Civil	Engineer			
Contract role(s) / br	rief description of resp	ponsibilities					
Mrs with exter the stan	Weston founded Ci n emphasis on roadwa ensive background in US. Mrs. Weston will idards.	ivil Design & (ay geometric a Cost Engineeri oversee the fir	Constr and dra ing, Es ms' ro	uction, Inc. in 2005. She has 20 years of experience in roady inage design for numerous state and municipal projects. Sl stimating, and Scheduling for massive Civil Works projects le as a sub-consultant and make sure the work is completed to	way design he also has throughout LADOTD		
Experience dates	Experience and qua	lifications rele	evant to	b the proposed contract; <i>i.e.</i> , "designed drainage", "designe	d girders",		
(mm/yy–mm/yy)	"designed intersection	on", etc. Expe	rience	dates should cover the time specified in the applicable MPR	.(s).		
02/16-09/19	H.003047 Pecue La	ne/I-10 Interc	change	e, Baton Rouge, LA			
	Mrs. Weston's serv	ed as Principa	al-in-C	harge for the firm's role as a sub-consult for the engineer	ing design		
	services of the West Bound on Ramp to I-10, the West Bound Off Ramp from I-10, the extension to Rieger Road						
	and Pecue Lane Extension. She has worked to oversee the firms design, coordinate with the prime consultant						
	and government agencies.						
12/13 – 10/19 H.02960 Gramercy Bridge, St. Jan			ames I	Parish, LA			
	Mrs. Weston serve	d as Principal-	-in-Cha	arge for the firm's role as a subconsultant for the engineer	ring design		
	elements of the plan	s including Hy	ydrauli	c Analysis and Design, Typical Sections, and Graphical Gra	ides for the		
	project						
02/14 - 02/15	H.010620 I-49 Desi	gn Build, Lafa	ayette,	, LA			
	Mrs. Weston provide	ed QA/QC revi	iew for	r the Roadway Design Plans on this Design-Build Project for	part of the		
	I-49 South Corridor.						
05/13 – 05/14	H.009288.5 LA 1 R	ailroad Bridg	ge at D	OW, WBR Parish, LA			
	Mrs. Weston served	as Principal-in	-Charg	ge for the firm's role as a sub-consult for the engineering desig	n elements		
	of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project.						
	She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.						
01/06 - 12/12	EBR City/parish P	roject No. 06-	CS-H	C-0018, Fairchild-Badley Roadway, EBR Parish, LA			
	Mrs. Weston served as Principal in Charge for this project that was approx. 1.25 miles in length along Fairch						
	Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the						
upgrade to the existing narrow roadway to a typical section of 2-11' lands with a 2' barrier curb and gutter,					gutter, and		

	a 6' adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of
	the project as well.
03/12 - 07/12	H.009104.5 - Sunshine Bridge Phase 2
	Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract
	project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design
	plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.
05/11 - 04/12	Red River – Jackson Street Bridge, Alexandria, LA
	Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract
	project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design
	plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red
	River.
06/12 - 10/12	H.009986 – Paths 2 Progress. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes
	– Group 33
	Ms. Weston served as the Principal-in-charge/Project Manager for this roadway rehabilitation project of roads
	in Jefferson Parish. This included field reconnaissance to determine severity of inundated roadways due to
	Hurrican Katrina, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity
	calculations, etc.
12/11 - 4/12	H.005902.5 - Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of
	Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard and St.
	Tammany Parishes – Group 29
	Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey, field
	reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans,
	preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
01/06 - 07/06	Picardy Avenue Extension–City/Parish of East Baton Rouge
	Mrs. Weston served as Principal-in-Charge for this extension of Picardy Avenue, connecting Bluebonnet Blvd.
	with I-10 West. Duties included project layout and design as wells as subsurface drainage design for
	approximately ¹ / ₂ mile.

Firm employed by Civil Design & Construction, Inc. (CD&C)							
Name F	alph Burgess, PLS	Years of relevant experience with this employer 11					
Title P	rincipal Land Surveyor	Years of relevant experience with other employer(s) 12					
Degree(s) /	Years / Specialization	BS / 2004 / Industrial Design & Supervision, Southeastern LA University					
5040		5040 / Louisiana / March 31, 2024					
Year register	red 2004 Discipline	Land Surveyor					
Contract role	e(s) / brief description of responsibilities						
Mr. Burgess serves as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.							
Experience of	lates Experience and qualifications re-	levant to the proposed contract; i.e., "designed drainage", "designed girders",					
(mm/yy-mn	/yy) "designed intersection", etc. Exp	y) "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).					
07/20 - 04/2	1 H.001352.5 and H.002273.5 Co	mite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge,					
	East Baton Rouge Parish	East Baton Rouge Parish					
	Burgess was the Survey Manager	for this project. CD&C as a sub-consultant on this project was responsible for					
	topographic surveying the LA 67	and LA 19 sites of the Comite River Diversion project. This included merging					
	of data from a previous survey on	of data from a previous survey on one portion of the site and field verifications of that data. The topographic data					
01/18 01/20	H 004100 L 10: L A 415 to Egge	Itiolially. Long on L 10 and L 12 West and East Poten Bouge L A					
01/18-01/20	Burgess was the surveying Mana topographic surveying the portion to a point just before the approac on Tributaries of the Intercoastal LA 415 as well as scanning every pavement.	Burgess was the surveying Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.					
7/17-12/18	H.010960.5-2, LA 30 Roundabo	out at Tanger I-10, Ascension Parish, LA					
	Mr. Burgess served as Survey M for utility locations, coordination coordination. Special duties were all projects together.	anager for the project. Duties included meeting with LADOTD & Cardno, Inc on of crews and 3D terrestrial scanning crew along with office personnel, merging of two state projects with project survey for final submittal to combine					
01/16-08/16	H.005733.5 US 190 Superstreet	, St. Tammany Parish, LA					
	Mr. Burgess served as Survey Ma	Mr. Burgess served as Survey Manager for the project. Duties included complete topographic survey and drainage					
	map for this project including all	utility coordination. The survey began at the intersection of US 190 and Holiday					
Page 32 of 74	Prime consultant name: Modjesl	ki and Masters, Inc.					

	Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for				
	approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington,				
	LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.				
10/15-12/18	H.011235 I-49 South at Verot School Road, Lafayette, LA				
	Mr. Burgess served as the Survey Manager for the project. Duties included meeting with LADOTD, and all				
	consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of				
	survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for				
	project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from				
	LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and				
	final review of all survey data.				
07//14-10/15	H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA				
	Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of				
	traditional crews and 3D terrestrial scanning crew, review and verification of drainage map, merging and final				
	review of all survey data for submittals. Other special duties were coordinating with LADOTD District 61 for a				
	rolling lane closure for location of drainage located in the interior of the project along the existing crash wall.				
	Also, coordination with LADOTD Records and EBR City Parish regarding the research of all drainage structures				
	that enter and leave the project area.				
04/17-07/17	H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA				
	Mr. Burgess served as Survey Manager on this project which included a complete topographic survey, utility				
	coordination, channel cross-sections and the scanning of the existing vertical lift bridge for the design of its				
	repairs/replacement. Project included data collection of the topography via traditional means and methods along				
	with 3D terrestrial scanning and hydrographic surveying.				
03/14-06/14	H.008369 Cleo Road Roundabout, St. Tammany Parish, LA				
	Mr. Burgess served as the project manager for the project. CD&C was responsible for the topographic survey				
	that began approximately 2400 ft. NW of intersection of 1-59 and US Hwy 1090 and ended approximately 1000				
	ft. NW of intersection of 1-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 1/5 ft. of				
05/12 07/12					
05/13-07/13	H.009288 LA I Kallroad Bridge at DOW, West Baton Rouge, LA				
	Survey Manager for this project located in west Baton Rouge Parisn. The intent is to create a grade separation				
	at the intersection of LA I and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility accordination and P/P accordination and permits as that CD&C can survey the anum				
	and normalial line				
10/14 12/14	and paranet fine.				
10/14-12/14	H.011086.5 West Prien Lake, Lake Charles, LA				
	non poly route to be constructed. Tonographic survey and DTM was required along the proposed alignment including				
	all utilities and all drainage with the survey limits				
	an unnues and an drainage with the survey filmits.				

Firm employed by Civil Design & Construction, Inc. (CD&C)								
Name	Name Chris Ballard, PLS				Years of relevant experience with this employer	6		
Title	Principa	al Land Surveyor			Years of relevant experience with other employer(s)	19		
Degree(s)	/ Years /	Specialization		BS /	2004 / Biological Science / Southeastern LA University			
Active reg	istration	number / state / expira	tion date	5033	5033 / Louisiana – September 30, 2024			
Year regis	tered	2010	Discipline	Land	Land Surveyor			
Contract re	ole(s) / bi	rief description of resp	onsibilities					
	Mr.	r. Ballard serve as the Survey Project Manager for this project. He will work to oversee the project progress stays						
	on s	chedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to						
10 m	the	rime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in						
		ordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means						
- ·	and	methods of collecting	data as well a	s thos	e that include the use of 3D Terrestrial Scanning.	1 • 1 • 1		
Experience dates Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "				o the proposed contract; <i>i.e.</i> , "designed drainage", "designed	d girders",			
(IIIII/yy-II)	<u>1111/yy)</u>	ti oo 4100 ti 10, ti A	n, etc. Expe	nence	alles should cover the time specified in the applicable MPR(<u>s).</u>		
09/18-01/2	20	Mr. Bollord is the S	+15 to Essen	Lane (In 1-10 and 1-12, West and East Daton Rouge, LA	project is		
		responsible for topog	urveying 110	ving th	hanager for this project. CD&C as a sub-consultant on this	the start of		
		the project limits to a	noint just bef	ore th	e approach of the L-10 Bridge and the limits of the project alo	$n\sigma I \Delta 415$		
		including work on T	ributaries of th	ne Inte	ercoastal Canal. This work included using 3D Scanning for	the bridge		
	at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mc			the Mobile				
		Lidar for the I-10 pay	vement.		8 ,			
04/17-07/1	17	H.010006.5-3 LA 58	Petit Caillou	ı Brid	ge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA			
		Mr. Ballard served as	s the firms Su	rvey I	Project Manager on this project which included a complete to	opographic		
		survey, utility coordi	nation, chann	el cro	ss sections, and the scanning of the existing vertical lift bric	lge for the		
		design of its repairs/	replacement.	Projec	et included data collection of the topography via traditional	means and		
		methods along with 3	BD terrestrial	scanni	ng and hydrographic surveying.			
02/19-09/19 Bridge Replacements in East Feliciana Parish, Rural East Felic		ı Parish, Rural East Feliciana Parish, LA						
		Mr. Ballard is servin	g Survey Proj	ect Ma	anager for this project for East Feliciana Parish Police Jury.	It includes		
		the replacement of 2	2 bridges wh	ich w	ere damaged from flooding and the repairs to many rural	roadways		
		throughout the parish	. These proje	cts are	being funded thru FEMA and all documentation has to be in a	accordance		
		with FEMA's policie	s and procedu	ires.				
01/17-12/1	17	East Baton Rouge P	arish Bridge	s, Eas	t Baton Rouge Parish, LA			
		In 2017, CD&C has	performed top	ograp	hic surveys for at least 4 Bridge Replacement Projects throu	ghout East		
		Baton Rouge Parish.	Mr. Ballard	serve	d as Survey Project Manager on each of these projects whic	h included		
Page 34 of 7	'4	Prime consultant nan	ne: Modjeski	and M	Masters, Inc.			

	cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut					
	Bayou, Copper Mill Bayou, and Cypress Bayou.					
10/16 - 11/16	6 H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA					
	Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were					
	review of the crew work conditions, review & processing of the survey data, verification and review of fin					
	submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all					
	building information including finish floor elevations, and all super/substructure of the bridge over the					
	Tangipahoa River. Additional information regarding the river was located by traditional means upstream an					
	downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge,					
	Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.					
	Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop					
	until field work was completed in less than 3 weeks.					
09/17 -09/17	H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA					
	Mr. Ballard served as a Survey Project Manager for this project which included 5 bridge sites in District 62. In					
	addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both					
	upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2					
	bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over					
	Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial					
	Scanning.					
10/15 - 12/18	H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA					
	Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties					
	performed on this project included the review of the survey information from crew, verification of project delivery					
	schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in					
	conjunction with traditional means and methods for the completion of this project.					
01/16 - 08/16	H.005733.5 US 190 Superstreet, St. Tammany Parish, LA					
	Mr. Ballard served as the Survey Project Manager on this project. CD&C provided a complete topo survey &					
	drainage map along with utility coordination for the project. Project duties included processing of data, review					
	of field notes and weeklies, & performing final punch list. This project also included work in the Abita River					
	utilized 3D Terrestrial Scanning for the main route.					
10/15 - 01/16	H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA					
	Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and					
0.0/11 00/12	establishment of the KOW for Hanks Dr. for installation of new sidewalk.					
06/11 - 09/13	200-01-0028, H.002572 LA 42 Widening and Improvements, Ascension Parish, LA					
	Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing					
	ROW and acquisition of additional ROW.					
<u>16. Staff Experience:</u>

Firm empl	Firm employed by Civil Design & Construction, Inc. (CD&C)						
Name	Clarenc	e J. Goodspeed		Years of relevant experience with this employer	1+		
Title	Utility C	oordinator		Years of relevant experience with other employer(s)	30		
Degree(s)	/Years/	Specialization					
Active reg	istration r	number / state / expiration date					
Year regis	tered	Discipline					
Contract r	ole(s) / br	ief description of responsibilities					
	Mr. Goodspeed has 30 years' experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department. The following is a list of companies and job roles.						
Experienc	e dates	Experience and qualifications rele	vant t	to the proposed contract; <i>i.e.</i> , "designed drainage", "designed	ed girders",		
(mm/yy-n	nm/yy)	"designed intersection", etc. Exper	rience	dates should cover the time specified in the applicable MPR	k(s).		
*	<i></i>	Byers Engineering					
		Damage prevention tech, responsible	for ac	curately locating multiple clients underground plant which was,	AT&T (Bell		
		South), Entergy Elec, Cox Communic	cations	s, several companies that owned fiber loops in the greater Baton	Rouge area,		
		Eatel, and Koche Gateway Pipeline a	are jus	st some of the companies he was responsible for locating their	underground		
		facilities.					
*		BHA Engineering					
-t-		Damage prevention tech (Undergroun	d Loca	ator) contracted to Demco Electric to locate their underground face	llities.		
*		Wave Tech Geophysical Engineerin	g		1		
		Conducted SUE work, vacuum excava	tion, g	round penetrating radar, road pavement GPR, leak detection, resea	rening utility		
*		Prints, and conducting locates on mind	ary ra	clines and all ports.			
		Assisted in maintenance and new con	structi	on of Entergy Electric underground and some overhead lines			
*		ItiliOuest LLC	Structi	on of Energy Electric underground and some overhead intes.			
Supervisor Damage Investigator State Cla			e Clair	ms Manager, and Operations Manager. Also, took part in negation	of contracts.		
* Fiboro							
		Filled in as supervisor for burving Cha	arter C	Communication service drop crews, installation of main and servic	e drops with		
		directional boring rig, assisted in se	ettling	property damage claims, and assisted in pointy of contact	with Charter		
		Construction personal.	0				

Firm employed by Civil Design & Construction, Inc. (CD&C)								
Name	Madisor	n Mills, LSI			Years of relevant experience with this employer	1+		
Title	Land Survey Intern				Years of relevant experience with other employer(s)	4		
Degree(s) / Years / Specialization BS /				BS /	S / 2016 / Civil Engineering			
Active registration number / state / expiration date 00			ation date	00007	0000716 Land Surveyor Intern/Louisiana			
Year regist	ered	2021	Discipline	Land Surveyor Intern				

Contract role(s) / brief description of responsibilities



Mr. Mills joined CD&C in 2021 as a Land Surveying Intern. Madison recently passed the PLS exam in 2022 and he is working to complete his Louisiana State Specific portion to earn his OPLS license by the end of 2022. He serves as a Survey Technician for CD&C working to manage field crews, process field crew data, and finalize deliverables.

Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders",
(mm/yy–mm/yy)	"designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/21 - Ongoing	H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek
	Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked
	with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW
	mapping.
02/21 - Ongoing	H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA
	Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked
	with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW
	mapping.
02/21 - Ongoing	H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA
	Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked
	with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW
	mapping.
07/21 - 11/21	H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA
	Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked
	with utilities, and helped complete the final deliverables to the client.
02/21 - 05/21	H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge, LA
	Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked
	with utilities, and helped complete the final deliverables to the client.
07/21 - 12/21	H.0014560.5 LA 94 Vermillion River, St. Martin Parish, LA
	Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked
	with utilities, and helped complete the final deliverables to the client.

Firm employed by Civil Design & Construction, Inc. (CD&C)						
Name	Philip I	Dupree	Years of relevant experience with this employer	10		
Title	Survey	Party Chief	Years of relevant experience with other employer(s)	30		
Degree(s)	/ Years /	Specialization				
Active reg	gistration	number / state / expiration date	NSPS Certified Survey Technician, Level III, Boundary Cert. No	. 0799-		
			1106 Nationwide; ATSSA Certified as Registered Flagger			
		· · · · · · · · · · · · · · · · · · ·	ATSSA Certified Traffic Control Tech & Traffic Control Supervi	isor		
Year regis	stered	Discipline				
Contract r	role(s) / b	rief description of responsibilities	Mr. Dupree is the Senior Survey Party chief who will work to oversee a	a crew as		
			well as aide in coordinating all crews with Survey PM to ensure field w completed timely and accurately.	ork is being		
Experienc	e dates	Experience and qualifications rel	evant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed	ed girders",		
(mm/yy–r	nm/yy)	"designed intersection", etc. Expe	erience dates should cover the time specified in the applicable MPR	L(S).		
07/20 - 04	4/21	H.001352.5 and H.002273.5 Cor	nite River Diversion Bridge at LA 67, LA 19 and LA 19 Railro	ad Bridge,		
		East Baton Rouge Parish				
		Mr. Dupree was the Senior Party	Chief & Field Coordinator for this project. CD&C as a sub-consul	tant on this		
		project was responsible for topog	graphic surveying the LA 67 and LA 19 sites of the Comite River	r Diversion		
		project. The topographic data for	this project was collected traditionally.			
01/18-02/2	20	H.004100 I-10: LA 415 to Essen	Lane on I-10 and I-12, West and East Baton Rouge, LA			
		Mr. Dupree is the Survey Party C	chief for this project. CD&C as a sub-consultant on this project is	responsible		
		for topographic surveying the poi	tion of I-10 in West Baton Rouge Parish beginning at the start of	the project		
07/17 10/	10	limits to a point just before the ap	proach of the I-10 Bridge and the limits of the project along LA 41.	5.		
0//17-12/	18	H.010960.5-2, LA 30 Roundabo	ut at Tanger I-10, Ascension Parish, LA			
		Mr. Dupree is serving as Field co	ordinator on this project by working specifically to set the control	on the job		
10/15 10/	10	and overseeing field crews as they	work to complete the topography.			
10/15-12/	18	H.011235 1-49 South at Verot So	chool Koad, Lalayette, LA	unais at and		
		Mr. Dupree served as Fleid coord	mator on this project. He resurrected the original control set on the $D_{\mu\nu}$ and also the SUE as	project and		
		the project He oversaw all field	prevision and ensured that the project was completed accurately and tir	nely		
01/16-08/	16	H 005733 5 US 190 Superstreet	St Tammany Parish I.A	nery.		
01/10-00/	10	Mr. Dupree served as Field coord	inator on this urban roadway topography project that included 3D	scanning in		
	addition to traditional tonography. He oversaw the daily progress of both traditional field crews and scan cre					
		and completed the project accurat	elv and on schedule.			
10/16-11/	16	H.012728.5 LA 443: Tangi Rive	r Bridge Replacement, Tangipahoa Parish, LA			

	Mr. Dupree served as Field coordinator on this project. CD&C completed a topographic survey which included
	all utilities with depths, all drainage, all building information including finish floor elevations, and all
	super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was
	located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize
	data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional
	means to complete the topographic survey.
07/14/10/15	H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA
	Mr. Dupree served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in
	addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews
	and completed the project accurately and on schedule. He also coordinated with the district and state police to
	oversee the rolling lane closure that was required to obtain the drainage invert data.
05/13-07/13	H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA
	Mr. Dupree served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to
	create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the
	topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C
	can survey the spur and parallel line.
10/14-12/14	H.011088.5 West Prien Lake, Lake Charles, LA
	Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the
	project. This project was to provide topographic survey for a new route to be constructed. Topographic survey
	and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	H.010620 I-49 Design Build
	Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the
	project. CD&C also produced ROW maps for the project. Mr. Dupree also was the lead Party Chief for the
	property surveys on this project.

Firm empl	Firm employed by Civil Design & Construction, Inc. (CD&C)							
Name	Jacob S	toehr		Years of relevant experience with this employer	7			
Title	Survey l	Party Chief		Years of relevant experience with other employer(s)	1.5			
Degree(s)	/ Years /	Specialization						
Active reg	gistration	number / state / expin	ration date	ATSSA TCS, TCT, Flagger				
Year regis	tered		Discipline					
Contract r	ole(s) / br	ief description of res	ponsibilities	Mr. Stoehr will serve as a Survey Party Chief managing a crew to colle topographic data in the field in accordance with LADOTD Location an means and methods.	ect d Survey			
Experienc	e dates	Experience and qua	alifications rele	evant to the proposed contract; i.e., "designed drainage", "designed	ed girders",			
(mm/yy–n	nm/yy)	"designed intersecti	on", etc. Expe	erience dates should cover the time specified in the applicable MPR	R(s).			
01/18-01/2	0	H.004100 I-10: LA 4	15 to Essen La	ne on I-10 and I-12, West and East Baton Rouge, LA				
		Mr. Stoehr served as	a Survey Party	Chief for this project. CD&C as a sub-consultant on this project is res	sponsible for			
		topographic surveyin	g the portion of	I-10 in West Baton Rouge Parish beginning at the start of the project lim	its to a point			
07/17 10/1	0	just before the approa	ich of the I-10 B	and the limits of the project along LA 415.				
0//1/-12/1	8	H.010960.5-2, LA 30	Roundabouts	at Tanger I-10, Ascension Parish, LA				
		Mr. Stoenr served as	one of the Surv	yey Party Chiefs on this project by managing a crew in the collecting of	topographic			
09/1601/2	10	Uata in the field utiliz	School Dood	Lefevette I A				
08/10-01/	10	Mr. Stophy served as	one of the Surv	Lalayeue, LA	topographic			
		data in the field utiliz	ing LADOTD F	ield Codes	topographic			
05/17-07/2	017	H.011909.5-2 Round	labout US 171 a	at Boone Street, Vernon Parish, LA				
00/1/ 0//2	017	Mr. Stoehr served as	one of the Surv	ever Party Chiefs on this project by managing a crew in the collecting of	topographic			
		data in the field utiliz	ing LADOTD F	Yield Codes.				
01/16-08/2	16	H.005733.5 US 190) Superstreet,	St. Tammany Parish, LA				
		Mr. Stoehr served as	one of the Surv	vey Party Chiefs on this project by managing a crew in the collecting of	topographic			
		data in the field utiliz	ing LADOTD F	ïeld Codes.				
10/15 - 12/	/18	H.003184.5 I-10 Tex	as State Line E	cast of Coone Gully				
	Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic							
		data in the field utiliz	ing LADOTD F	ïeld Codes.				
10/16 – 11/	/16	H.012728.5 LA 443	Emergency Bri	dge Replacement, Tangipahoa Parish, LA				
		Mr. Stoehr served as	one of the Surv	rey Party Chiefs on this project by managing a crew in the collecting of	topographic			
		data in the field utiliz	ing LADOTD F	ïeld Codes.				

Firm emp	Firm employed by Civil Design & Construction, Inc. (CD&C)								
Name	Jason S	toehr	·	Years of relevant experience with this employer	5				
Title	Survey I	Party Chief		Years of relevant experience with other employer(s)	0				
Degree(s)	/ Years /	Specialization							
Active reg	gistration	number / state / expir	ation date	ATSSA TCS, TCT, Flagger					
Year regis	stered		Discipline						
Contract r	role(s) / br	ief description of res	ponsibilities	Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and means and methods.	ct d Survey				
Experienc	e dates	Experience and qua	lifications rele	evant to the proposed contract; i.e., "designed drainage", "designed	ed girders",				
(mm/yy-n	nm/yy)	"designed intersection	on", etc. Expe	rience dates should cover the time specified in the applicable MPR	.(s).				
07/20 - 04/	/21	H.001352.5 and H.00	2273.5 Comite	River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge,	, East Baton				
Rouge Parish Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for t surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this projected traditionally.					topographic project was				
08/16-01/1	8	H.004100 I-10: LA 4	15 to Essen La	ne on I-10 and I-12, West and East Baton Rouge, LA					
		Mr. Stoehr is the Surv	ey Party Chief fo	or this project. CD&C as a sub-consultant on this project is responsible for	topographic				
		surveying the portion	of I-10 in West	Baton Rouge Parish beginning at the start of the project limits to a point limits of the project along $I = 4.15$	it just before				
07/17-12/1	8	H 010960 5-2 LA 30	Roundabouts	at Tanger I-10 Ascension Parish I.A					
07/17 12/1	0	Mr. Stoehr served as	one of the Surv	ev Party Chiefs on this project by managing a crew in the collecting of	topographic				
		data in the field utilizi	ng LADOTD Fi	ield Codes.					
08/16-01/1	8	H.011235 I-49 Verot	School Road, I	Lafayette, LA					
		Mr. Stoehr served as	one of the Surv	ey Party Chiefs on this project by managing a crew in the collecting of	topographic				
		data in the field utilizi	ng LADOTD Fi	ield Codes.					
02/19 - 09/	/19	Bridge Replacement	s in East Felicia	ana Parish, Rural East Feliciana Parish, LA					
		Mr. Stoehr served as	Mr. Stoehr served as a Jr. Party Chief this project for East Feliciana Parish Police Jury. It includes the replacement of 2						
bridges which were damaged from flo				ooding and the repairs to many rural roadways throughout the parish. These projects					
7/17 12/1	10	are being funded thru	FEIVIA and all C	accumentation has to be in accordance with FEMA's policies and proced	ures.				
//1/ - 12/1	10	Mr. Stoehr served as	as State Line E	as on this project by aiding the crew in the collecting of tonographic date	a in the field				
		utilizing LADOTD Fi	eld Codes.	an on any project by along the crew in the concerning of topographic date	a in the neit				

Firm employed by Civil Design & Construction, Inc. (CD&C)									
Name	Trent N	orris			Years of relevant experience with this employer	8			
Title	Senior 7	Technician			Years of relevant experience with other employer(s)	0			
Degree(s)	/ Years /	Specialization							
Active reg	istration	number / state / expira	ation date	NSPS	Certified Survey Technician, Level I Boundary Certificate No.: 0	418-5963			
E E		1		ATSS	A Traffic Control Supervisor, Technician & Flagger				
Year regis	tered		Discipline						
Contract re	ole(s) / bi	rief description of resp	ponsibilities	Mr. N	forris serves as the firm's 3D Scanning Technician who will aide in	n field data			
			-	collec	tion as well as process all 3D scan data in the office and assist in a	iny other			
		1		proces	ssing to complete the submittal.				
Experience	e dates	Experience and qual	lifications rele	evant to	the proposed contract; <i>i.e.</i> , "designed drainage", "designe	d girders",			
(mm/yy–n	nm/yy)	"designed intersection	on", etc. Expe	rience	dates should cover the time specified in the applicable MPR	(s).			
01/18 - 01/	20	H.004100 I-10: LA 41	15 to Essen La	ne on I	-10 and I-12, West and East Baton Rouge, LA				
		Mr. Norris was the #3	D Scanning Te	chnicia	n for this project. CD&C as a sub-consultant on this project is res	ponsible for			
		topographic surveying	the portion of	I-10 in	-10 in West Baton Rouge Parish beginning at the start of the project limits to a point				
		just before the approac	ch of the I-10 B	ridge a	nd the limits of the project along LA 415.				
07/17 - 12/	18	H.010960.5-2, LA 30	Roundabout a	t Tang	er I-10, Ascension Parish, LA				
		Mr. Norris served as th	ne firm's 3D Sca	anning '	Tech on this project by working with the scan crew in the field, pos	t processing			
		the scans, and extracting	ng all of the new	cessary	topographic data from them thru TopoDot to put into InRoads.				
04/17 - 07/	17	H.010006.5-3 LA 58	Petit Caillou B	ridge H	Rehabilitation (Sarah Bridge), Terrebonne Parish, LA				
		Mr. Norris served as th	he firm's 3D Sca	annıng	Tech on this project by working with the scan crew in the field, pos	t processing			
00/16 01/	10	the scans, and extracting	ng all of the neo	cessary	topographic data from them thru TopoDot to put into InRoads.				
08/16 - 01/	18	H.011235 1-49 Verot	School Road,	Lafaye	tte, LA				
		Mr. Norris served as tr	he firm's 3D Sca	anning	I ech on this project by working with the scan crew in the field, pos	t processing			
10/16 10/	16	the scans, and extracting	ng all of the neo	Jessary	topographic data from them thru TopoDot to put into inKoads.				
10/16 - 10/	10	H.012/28.5 LA 445 E Mr. Norris sorved as th	a firm's 3D So	age Kej	placement, 1 angipanoa Parisn, LA Tech on this project by working with the seen grow in the field, nos	t processing			
		the scans, and extraction	ng all of the new	anning	topographic data from them thru TopoDot to put into InPoads	t processing			
10/15 - 12/	18	H 003184 5 L-10 TX 9	State Line-F of	^c Coone	Cully Calcasian Parish I A				
10/13 - 12/	10	Mr. Norris served as th	e firm's 3D Sc	anning'	Tech on this project by working with the scan crew in the field nos	t processing			
the scans, and extracting all of the necess				ressary topographic data from them thru TopoDot to put into InRoads					
01/16 - 07/	16	H.005733.5 US 190 S	unerstreet. St.	Tamm	any Parish. LA				
51,15 077		Mr. Norris served as th	the firm's 3D Sca	anning '	Tech on this project by working with the scan crew in the field, pos	t processing			
		the scans, and extracting	ng all of the new	cessary	topographic data from them thru TopoDot to put into InRoads.	1			

Firm employed by Civil Design & Construction, Inc. (CD&C)								
Name	Scott Be	enton			Years of relevant experience with this employer	5		
Title	Senior T	echnician			Years of relevant experience with other employer(s)	5		
Degree(s)	/ Years /	Specialization				-		
Active reg	istration	number / state / expirat	tion date	ATSS	SA Traffic Control Supervisor, Technician & Flagger			
Year regis	tered	Ι	Discipline					
Contract re	ole(s) / br	ief description of respo	onsibilities	Mr. B proce	Benton serves as a Senior Technician specializing in 3D Terrestrial ssing, and extraction.	Scanning,		
Experience	e dates	Experience and quali	fications rele	evant t	o the proposed contract; i.e., "designed drainage", "designed	ed girders",		
(mm/yy–n	nm/yy)	"designed intersection	n", etc. Expe	rience	dates should cover the time specified in the applicable MPR	.(s).		
12/19 - 01/	20	H.004100 I-10: LA 415	5 to Essen La	ne on I	-10 and I-12, West and East Baton Rouge, LA			
		Mr. Benton served as a	#3D Scanning	g Techr	nician for this project. CD&C as a sub-consultant on this project is	s responsible		
		for topographic surveyi	ing the portion	n of I-1	0 in West Baton Rouge Parish beginning at the start of the project	et limits to a		
		point just before the app	proach of the I	-10 Bri	idge and the limits of the project along LA 415.			
03/14 - 06/	/14	H.008369 Cleo Road F	Roundabout, S	St. Tan	nmany Parish, LA			
		Mr. Benton served as a	a Senior Tech	incian on this project processing survey field data. CD&C was responsible for the				
		topographic survey that	at began appr	roximately 2400 ft. NW of intersection of 1-59 and US Hwy 1090 and ended				
		approximately 1000 ft.	NW of interse	ection o	of 1-59 and US Hwy 1090. The survey also included 500 ft. of Clo	eo Road and		
05/12 07/	/1.2	1/5 IT. OF Avenue D.	- J.D J 4]		West Deter Dever IA			
05/15 - 07/	15	H.009288 LA I Kallfo Mr. Donton correct as a	ad Bridge at I	DUW, Instan	west Balon Rouge, LA	w field data		
		The intent is to create a	Survey Crew	ion of t	is the intersection of I A 1 and the R/R spur for DOW CD&C is performing all			
		of the tonographic surv	grade separat	Next including utility coordination and R/R coordination and permits so that CD&C				
		can survey the spur and	by for this pro-	jeet m	cluding utility coordination and R/R coordination and permits so	that CD&C		
02/13 - 06/	/13	H 005693 LA 447 Wa	lker LA					
02/13 00/	15	Mr. Benton served as a	Survey Crew	Instrun	nent Man and later as a technician on this project processing surve	ev field data		
		CD&C's responsibilitie	s included all t	field work utility coordination review of existing survey data provided by I ADOTD				
and all office work to produce the fin			produce the fir	nal prod	duct: this includes merging of supplied survey from LADOTD and	d survey by		
CD&C. CD&C also performed the tie			erformed the t	ie-in of the new survey to the existing survey provided by LADOTD to produce an				
overall deliverable to be utilized in this				is desig	yn.	1		
10/14 - 12/	'14	H.011088.5 West Prier	n Lake, Lake	Charle	es, LA			
		Mr. Benton served as Su	urvey technicia	an on th	is project processing survey field data. This project was to provide	topographic		
		survey for a new route	e to be constru	ucted.	Topographic survey and DTM was required along the propose	d alignment		
		including all utilities an	d all drainage	with th	e survey limits.			

Firm emplo	Firm employed by Civil Design & Construction, Inc. (CD&C)						
Name A	Alex Wo	ells		Years of relevant experience with this employer	2.5		
Title S	Survey I	Party Chief		Years of relevant experience with other employer(s)	0		
Degree(s) /	Years /	Specialization					
Active regis	stration	number / state / expiration date	ATSS	SA TCS, TCT, Flagger			
Year registe	ered	Discipline					
Contract rol	le(s) / br	ief description of responsibilities	Mr. V	Vells joined CD&C in 2020 as a Rodman and has worked his way	up to a		
		· · ·	Party	Chief. He will work managing a crew to collect topographic data	in in		
			accor	dance with LADOTD code book and standard procedures.			
Experience	dates	Experience and qualifications rele	vant t	to the proposed contract; <i>i.e.</i> , "designed drainage", "designed	ed girders",		
(mm/yy–mr	m/yy)	"designed intersection", etc. Expe	rience	dates should cover the time specified in the applicable MPR	.(s).		
07/20 - 10/2	21	H.013958 Carpenters Bridge Rd. W	hiskey	y Chitto Creek			
		Mr. Wells worked as Survey Party C	hief or	n this project by managing a crew in the collecting of topographi	c data in the		
		field utilizing LADOTD Field Codes.					
$0^{7}/20 - 10/2$	21	H.013989 Greybow Rd. Palmetto C	reek				
		Mr. Wells worked as Survey Party C	hiet or	n this project by managing a crew in the collecting of topographi	c data in the		
07/20 04/2	1	field utilizing LADUID Field Codes.	D!		East Datas		
0//20 - 04/2	21	H.001352.5 and H.002273.5 Comite	River	Diversion Bridge at LA 67, LA 19 and LA 19 Kaliroad Bridge,	, East Baton		
		Kouge Parisn	on thi	a project CD&C was a sub consultant on this project was rea	nonsihla for		
		topographic surveying the LA 67 and		a sites of the Comite Piver Diversion project. The tenegraphie	data for this		
		project was collected traditionally	ILAI	9 sites of the Colline Kiver Diversion project. The topographic	data for tills		
02/21 - 05/2	21	H 009290 5 Safe Routes to Schools -	I SU	Sidewalk Improvement near I SU I ab School Baton Rouge I	٨		
02/21 - 03/2	21	Mr. Wells worked as Survey Party C	- LSU hief or	this project by managing a crew in the collecting of topographi	c data in the		
		field utilizing LADOTD Field Codes		i this project by managing a crew in the concerning of topographic	e data in the		
10/20 - 01/2	21	H014302 US 165 Lighting, Monroe.	LA				
10,20 01,2		Mr. Wells was an Instrument Man	on thi	s project. CD&C was a sub-consultant on this project was res	ponsible for		
		topographic surveying of US 165 sou	ith of	Monroe for a highway lighting improvement. The topographic	data for this		
		project was collected both traditionall	y and y	with the use of 3D Terrestrial Scanning.			

Firm employed by Civil Design & Construction, Inc. (CD&C)						
Name	Bradley	Jacobs, EI		Years of relevant experience with this employer 1+		
Title	Engineer	ring Intern		Years of relevant experience with other employer(s) 9		
Degree(s)	/ Years /	Specialization		BS / 2015 / Civil Engineering		
Active reg	istration 1	number / state / expir	ation date	No. 0032456 / Louisiana / 09/30/2023		
Year regis	tered	2015	Discipline	Engineering Intern		
Contract re	ole(s) / br	ief description of res	ponsibilities	Mr. Jacobs will process field crew data and finalize deliverables.		
* Dates no Employe	ot includeo r	d as work was done a	t previous			
Experience	e dates	Experience and qua	lifications rele	want to the proposed contract; <i>i.e.</i> , "designed drainage", "designed	d girders",	
(mm/yy–n	nm/yy)	"designed intersection	on", etc. Expe	rience dates should cover the time specified in the applicable MPR	(s).	
		Albany Annex				
		Worked on the bound	ary survey for e	xtending the town limits of Albany, Louisiana. I went to the courthouse	and did title	
		research for the prope	erties that were	obtained for the annex. I set the new boundary lines for the new town l	imits. I also	
		drew the map showing	g the boundary of	of the properties that were obtained.		
		Pecue Lane	Variation and 41	he Transma Control Clastal. For the Dialt of Way many Last where the		
		worked on Right of will be in the office.	way maps and the	he Traverse Control Sketch. For the Right of way maps, I set where the	monuments	
		descriptions for the F	also calculated t	ind verified that it matches the maps. I also created the control sketch based off the		
		traverse All drawings	s were created up	n to DOTD Standards	used off the	
		Essen Lane Control	, were created a			
		Worked on Right of V	Way maps in the	office and helped set monuments in the field. I set the points for all the	right of way	
		monuments in the of	fice and then w	ent to the field to assist the crews in staking out and setting the monu	ments 2021	
		Bellacosa Residential	Subdivision - C	Generate Point file for the survey crew to stakeout the property corners	for each lot	
		within the subdivision	1.			
		Pollard Branch				
		Wrote the legal descr	iptions for three	e different tracts. The legal descriptions reflected the overall boundary set	urvey maps.	
		Topographic Surveys		~		
		Jefferson and Corpo	rate Interchang	ge Survey		
		Created the GPS cont	nows the traverse for the survey.			
		I-12 to Bush	W/a and anone	ations around 100 fact for read immension and did a terra while		
		worked as a rodman.	we cut cross see	ctions every 100 feet for road improvements and did a topographic surve	y using total	
		stations.				

<u>16. Staff Experience:</u>

Firm employed by Civil Design & Construction, Inc. (CD&C)							
Name Drenno	on Humphreys		Years of relevant experience with this employer	2			
Title Enginee	ering Intern		Years of relevant experience with other employer(s)	0			
Degree(s) / Years /	Specialization						
Active registration	number / state / expiration date	Flagg	er, TCT				
Year registered	Discipline						
Contract role(s) / b	rief description of responsibilities	Mr. H	Humphreys will serve as a Survey Party Chief managing a cr	ew to			
* Dates not include	ed as work was done at previous	colle	ct topographic data in the field in accordance with LADOTD	Location			
Employer		and S	Survey means and methods.				
Experience dates	Experience and qualifications rele	evant t	o the proposed contract; i.e., "designed drainage", "designed	ed girders",			
(mm/yy–mm/yy)	"designed intersection", etc. Expe	rience	dates should cover the time specified in the applicable MPR	.(s).			
01/21 - 06/21	H.013959 Reeds Bridge Rd. Calcasi	eu Riv	er Relief, Allen Parish, LA				
	Mr. Humphreys served as a Instrumer	nt Man	for this project. CD&C was a sub-consultant on this project is res	sponsible for			
	topographic and ROW surveying for t	this rur	al bridge replacement project.				
02/21 - 05/21	H.013958 Carpenters Bridge Rd. W	hiskey	V Chitto Creek, Allen Parish, LA				
	Mr. Humphreys served as a Instrument	ht Man	for this project. CD&C was a sub-consultant on this project is res	sponsible for			
02/21 - 01/22	Move BR: Lee Drive – Highland Rd	to Pe	arbinge replacement project.				
02/21 = 01/22	Mr. Humphreys served as a Instrumen	t Man	for this project CD&C was a sub-consultant on this MoveBR wide	ening project			
	is responsible for topographic and R	OW su	rveying for this 1.8 mile road improvement project as part of the	ne Move BR			
	infrastructure initiative.		I I I I I I I I I I I I I I I I I I I				
04/21 - 12/21	Move BR: Hennessy Blvd. –Perkins	Rd. to) Picardy Ave., Baton Rouge, LA.				
	Mr. Humphreys served as a Instrumen	t Man	for this project. CD&C was a sub-consultant on this MoveBR wide	ening project			
	is responsible for topographic and RO	W surv	veying for this 0.4 mile road improvement project to create an und	erpass at the			
	R/R crossing. This project is a part of	f the M	ove BR infrastructure initiative.				
01/22 - On-Going	4400017091 Louisiana Watershed In	nitiativ	ve Region 5 – Task Order 2	• • • • • •			
	Mr. Humphreys is working as a Instrument Man and now a Party Chief on this Louisiana Watershed Initiative project. He						
has been responsible for collecting topographic data at various bridge locations that will go into the watershed mod							
01/22 05/22	H 013056 Reamon Rd Bayou Marin	ngouin	Pointe Counce Parish I A				
01/22 - 03/22	Mr. Humphreys served as a Instrumer	nt Man	for this project. CD&C was a sub-consultant on this project is res	sponsible for			
	topographic and ROW surveying for t	his rur	al bridge replacement project.	r			

<u>17. Firm Experience:</u>

Firm name	Modjeski and M	lasters, Ind			Past Perfo	rmance Evalu	ation Discipline	(s)* Bridge, R	oad
Project name Huey P. Long Bridge Widening							Firm responsib	ility (prime or su	b?) Prime
Project number	700-18-0014		Owner's r	name	Louisia	na Departmer	nt of Transportati	on and Develop	nent
Project location	Jefferson Pari	sh, LA				Owner's Pro	oject Manager	Ray Mumphrey	, PE
Owner's address	ss, phone, email	1201 Capi	tal Access	Road, B	aton Roug	ge, LA 70802	2, (225) 379-1067	7, Ray.Mumphre	y@la.gov
Services commenced by this firm (mm/yy) 12/1986 Tota					Total consultant contract cost (\$1,000's)			\$25,864	
Services compl	Services completed by this firm (mm/yy) 08/2012 Cos					nt services pro	ovided by this fir	m (\$1,000's)	N/A

The existing Huey P. Long Bridge is a high-level, combination highway and railroad bridge which crosses the Mississippi River in New Orleans, Louisiana and is part of the complex urban freeway system in the area. M&M designed the original structure and provided construction supervision from 1925 until 1936. The original design called for two 9' vehicular lanes (in each direction) to be bracketed from the trusses; this design no longer provides adequate capacity. LADOTD engaged Modjeski and Masters, Inc. for services to study conceptual means to widen the existing bridge to provide three 11-foot vehicular lanes and shoulders in each direction. In addition to the structural design for the major bridge widening Modjeski and Masters provided the following roadway design services:



- Roadway design work was required at the at-grade intersections on the Westbank and Eastbank to provide an updated and functional interchanges
- Design of a complete reconfiguration of the Clearview Parkway-Jefferson Highway intersection to a standard signalized diamond interchange. Design of a complete reconfiguration of the West Traffic Circle with a standard signalized diamond interchange.
- Modifications to Clearview Parkway to tie-in the new elevated bridge approaches. Integration of the new elevated bridge approaches into the at-grade US 90 roadways on the south side of Bridge City Avenue.
- Design of a complete reconfiguration of the US 90-LA 18/West Nine Mile Point Road intersection to accommodate the relocated US 90 Westbank Bound.
- Maintenance of Traffic and Sequence of Construction plans were developed to determine the specific roadway design to be used in any given location since existing and required pavements overlapped in many areas.
- Office support for construction was provided to check thousands of shop drawings, handle RFI's and consult as needed in support of a construction monitoring team by others for the project.

Personnel Involved: Zolan Prucz, PhD, PE, Ralph J. Eppehimer, PE, Dave A. Kanger, PE, Cullen J. Ledet, PE, Lance V. Borden, PE, Jeff W. Newman, PE, Stacey P. Carr, PE, Jon E. Gerhart, PE

Page 47 of 74 Prime consultant name: Modjeski and Masters, Inc.

<u>17. Firm Experience:</u>

Firm name	Modjeski and M	lasters, Inc.		P	Past Performance Evalu	ridge, Road	ł		
Project name LA 16 over Tangipahoa River Bridge Repla					ement	Firm responsib	ility (prin	ne or sub?)) Prime
Project number	H.013183		Owner's nan	ne	Louisiana Departmen	t of Transportati	ion and D	Developmen	nt
Project location	n Tangipahoa P	arish, LA			Owner's Pro	ject Manager	Stephan	nie Doolittl	e, P.E.
Owner's address	ss, phone, email	1201 Capito	ol Access Road	l, Ba	ton Rouge, LA 70802	2, 225-379-1329,	Stephani	ie.Doolittle	e@la.gov
Services comm	enced by this firm	n (mm/yy)	09/17 7	Γotal	l consultant contract co	ost (\$1,000's)		9	\$454
Services completed by this firm (mm/yy) 03/21					of consultant services	provided by this	firm (\$1,	,000's) S	\$380

M&M developed all necessary topographic surveys, preliminary and final plans for this bridge replacement project on LA 16, between LA 51 and LA 1054, in Amite City, LA. This project included reconstruction of the approach slabs and roadway on the east and west sides of the bridge. It was anticipated that traffic shall be maintained during construction with an on-site diversion roadway and bridge. The plans were prepared in accordance with AASHTO LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD 2017 Design Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design Manual, and DOTD Hydraulics Manual. QC/QA was provided in accordance with Part 1, Chapter 3 of BDEM. Construction Related Engineering Support was provided and is currently on-going.

M&M developed and delivered the following project documents:

- Final Roadway plans
- Final bridge design
- Final bridge plans
- Final temporary diversion and bridge plans
- Transportation Management Plan (TMP) Level 2
- Construction Signing Plans
- Design Waivers and Exceptions
- Final Roadway and Bridge Quantities
- As Design Rating
- Construction Cost Estimate
- Special Provisions

PERSONNEL: Zolan Prucz, PhD, PE, Yu Ouyang, PE, Jared R. Weisman, PE, Lindsey A. Woolverton, PE, Cullen J. Ledet, PE

Page 48 of 74 Prime consultant name: Modjeski and Masters, Inc.



17. Firm Experience:

Firm name	Modjeski and M	Aasters, Inc.	•	F	Past Performance Evalu	ation Discipline	(s)* Bridge, Ro	ad
Project name	US 61 at Thom	pson Creek	Bridge Repla	ceme	ent	Firm responsibi	ility (prime or sub	?) Prime
Project number	· H.013193		Owner's na	me	Louisiana Departmen	t of Transportati	on and Developm	ent
Project location	n St. Francisvil	le, LA			Owner's Pro	ject Manager	Stephanie Dooli	ttle, P.E.
Owner's address	ss, phone, email	1201 Capit	ol Access Roa	ıd, Ba	aton Rouge, LA 70802	, 225-379-1329,	Stephanie.Doolit	tle@la.gov
Services comm	enced by this firm	n (mm/yy)	09/17	Tota	l consultant contract co	ost (\$1,000's)		\$502
Services completed by this firm (mm/yy) Ongoing				Cost	of consultant services	provided by this	firm (\$1,000's)	\$436

M&M provided all necessary preliminary and final plans for the rehabilitation of the northbound bridge and replacement of the southbound bridge on US 61 over Thompson Creek, between LA 10 and LA 964, near St. Francisville, LA. It was anticipated that traffic would be maintained during the construction of the new southbound bridge with temporary two-way traffic on the rehabilitated northbound bridge. The project also included the design and detailing of adding a helper bent to the northbound bridge. The plans were prepared in accordance with AASHTO LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD 2017 Design Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design Manual, and DOTD Hydraulics Manual. QC/QA was provided in accordance with Part 1, Chapter 3 of BDEM. Construction Related Engineering Support was provided and is currently on-going.

M&M developed and delivered the following project documents:

- Final Roadway design & plans
- Final bridge design & plans
- Final temporary detour roadway and bridge plans
- Transportation Management Plan (TMP) Level 2
- Construction Signing Plans
- As Design Rating
- Construction Cost Estimate
- Final Roadway and Bridge Quantities
- Special Provisions
- Design Waivers and Exceptions



PERSONNEL: Zolan Prucz, PhD, PE, Yu Ouyang, PE, Jared Weisman, PE, Lindsey A. Woolverton, PE, Cullen J. Ledet, PE

Page 49 of 74 Prime consultant name: Modjeski and Masters, Inc.

17. Firm Experience:

Firm name	Modjeski and M	lasters, Inc			Past Perfo	rmance Evalu	ation Discipline	(s)* Bridge, R	Road
Project name	Cline Avenue B	ridge					Firm responsibi	ility (prime or su	ub?) Prime
Project number	N/A		Owner's na	ame	United I	Bridge Partne	rs		
Project location	East Chicago,	IN				Owner's Pro	ject Manager	Ken Szeliga	
Owner's address	ss, phone, email	7800 E. U	nion Ave., S	Suite 52	25, CO 80	237, (303) 25	7-4745, kszeliga	@unitedbridgep	artners.com
Services comm	enced by this firm	(mm/yy)	04/2020	Total of	consultant	contract cost	(\$1,000's)		\$6,000
Services completed by this firm (mm/yy) 12/2021 Cos				Cost o	of consultar	nt services pro	ovided by this fir	m (\$1,000's)	\$6,000

The Cline Avenue Bridge is a 6,236-foot long precast segmental bridge that spans over several rail lines, Riley Road, and the Indiana Harbor Canal in East Chicago, IN. The new structure consists of 29 cast-in-place concrete columns that support 685 post-tensioned concrete single cell box girders segments which form the bridge's deck. Completion of this project restored entrance into the Northwest Indiana area.

The Bridge was designed by another engineering firm and when the construction of the bridge was approximate 70% complete Modjeski and Masters, Inc. was contacted by United Bridge Partners to perform a fully independent review on the design, review of construction documents, and provide an on-site presence for completion of construction of the 1.2 mile long segmental bridge. The bridge was opened to traffic on December 23, 2021.



M&M's New Orleans Highway Section developed temporary traffic control plans to improve traffic flow and safety for the initial bridge opening and performed and independent technical review (ITR) of the permanent striping, pavement markings and signage for the bridge and approaches to evaluate conformance with DOT, MUTCD and AASHTO design guidelines and criteria. (total project length = 3 mi.) M&M Prepared roadway striping and signage plan to improve the safety and operational efficiency of the facility. M&M also performed a feasibility study for two (2) proposed new interchanges which included conceptual exit/entrance ramp geometric layouts, roundabouts and structural bridge concepts. Prepared plans for the installation of Supplemental Guide Signs in accordance with the Manual of Uniform Traffic Control Devices (MUTCD).

PERSONNEL: Ralph J Eppehimer, PE Cullen J. Ledet, PE, Newell H. Schindler, PE, Justin M. Guillot, PE Matthew J. Miller, PE, Michael D. House, PE

Page 50 of 74 Prime consultant name: Modjeski and Masters, Inc.

<u>17. Firm Experience:</u>

Firm name	Modjeski and Ma	sters, Inc		Past Per	orma	nce Evaluation Disciplin	ne(s)*	Bridg	ge, Road	
Project name	I-12 Widening					Firm responsibility (pr	rime or sub?)		Prime	
Project	t H.003424.5 Owner's					Louisiana Department of Transportation and Development				
number name										
Project location	h Livingston Pari	sh, LA			Ow	ner's Project Manager	Kurt Braune	r, PE		
Owner's address	ss, phone, email	1201 Cap	bital Access	Road, Bator	Roug	ge, LA 70802, (225) 379	9-1933, Kurt.I	Braune	r@la.gov	
Services comm	Total consultant contract cost (\$1,000's)\$6			\$611						
Services completed by this firm (mm/yy) Ongoing				Cost of con	sulta	nt services provided by t	this firm (\$1,0)00's)	\$611	

M&M prepared full sets of roadway and bridge drawings for this major transportation corridor, which consisted of 3 separate sets of construction plans. Project consisted of widening from 2 to 3 lanes. The total project length for the three projects was about 7.4 miles, **with the roadway length of 7.2 miles**. Roadway segments consisted of widening with mill and overlay of existing roadway, along with full-width reconstruction in some areas. The design of the roadway widening involved maintaining the existing grade at some locations, and design of new vertical alignment at other locations. The section of new vertical alignment included superelevation design and accompanying design of median drainage and variable height median barrier. The typical section design included flexible and rigid pavement alternates. Design of erosion repair below the bridges was also included. Project also included the widening of the following 7 bridges:

- 1. Big Branch Creek 6 slab spans @ 25 ft = 150 ft.
- 2. Blood River 6 slab spans @ 25 ft = 150 ft.
- 3. Dumplin Creek -4 slab spans @ 25 ft = 100 ft.
- 4. Middle Colyell Creek 8 slab spans @ 25 ft = 200 ft.
- 5. Hornsby Creek -5 slab spans @ 25 ft = 125 ft.
- 6. Colyell Creek 8 @ slab spans @ 25 ft = 200 ft.
- 7. Tickfaw River PCC Spans: 5 @ 60 ft, 1 @ 80 ft, and 3 @ 60 ft = 560 ft.

Roadway Design included development of the following plan sheets:

- Typical Sections
- Summary Tables
- Summary of Drainage Structures
- Plan/Profiles

- Traffic Control Plans
- Minimum Temporary Construction Signing & Sequence of Construction
- Guard Rail Layout Details

- - Channel Revetment Details
 - Pavement Marking Plans
 - Cross Sections (Roadway)
 - Cross Sections (Channel Revetment)

PERSONNEL: Zolan Prucz, Ph.D., PE, Cullen J. Ledet, PE, Stacey P. Carr, PE, Jason W. Miles, PE, Michael D. House, PE

Page 51 of 74 Prime consultant name: Modjeski and Masters, Inc.

<u>17. Firm Experience:</u>

Firm name	Vectura Consul	ting Services	, LLC]	Past Perfo	rmance Evalu	ation Category	ies)* TM	
Project name I-12 To Bush - LA 3241 (I-12 – LA 36) Cor					dor Study	y	Firm responsib	ility (prime or su	ıb?) sub
Project number	H.004957.5		Owner's	name	DOTD				
Project location	h Lacombe, LA					Owner's Pro	ject Manager	Joachim C Um	eozulu, P.E
Owner's address	ss, phone, email	1201 Capito	l Access R	Road, B	aton Roug	ge, LA 70802,	, 225-379-1386,	Joachim.Umeoz	ulu@la.gov
Services commenced by this firm 09/16					Total consultant contract cost (\$1,000's)				\$1,895.000
Services completed by this firm 05/17 0				Cost c	of consulta	ant services pr	rovided by this f	irm (\$1,000's)	\$84.000

As part of the DOTD TIMED program, Vectura prepared a formal traffic study for the new alignment of LA 3241. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management and complete streets. The study included analyses for intersection and corridor improvements such as median openings, spacing of openings, signalized, unsignalized and roundabout intersections.

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- 7-day (mainlines) and 2-day (side streets) 24-hour tube counts with vehicle classification
- Turning movement counts for morning and evening peak periods
- 15-minute driveway counts
- Traffic Signal warrants, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak forecast traffic volumes

Task 2 Traffic Study

This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and

DOTD Traffic Engineering Manual Section 20.2. This task included the following elements:

- Performed Vistro and Sidra analyses for existing conditions
- Performed Vistro and Sidra analyses for Implementation and Design Years.
- Intersection alternatives included restricted median openings, signalized and unsignalized intersections,

median U-turns at existing signal locations, restricted crossing U-turn (RCUT) intersections, and roundabouts

- Developed Vissim model of the preferred corridor layout
- Developed Draft Traffic Study Report (3 copies)

Task 3 Safety Analyses

• Developed 3-year crash analyses report as per DOTD standards

PERSONNEL: Brin Ferlito, Bridget Robicheaux, and Laurence Lambert (100% performed in Louisiana)

Page 52 of 74 Prime consultant name: Modjeski and Masters, Inc.



17. Firm Experience:

Firm name	Vectura Consul	ting Services	, LLC]	Past Perfo	CE&I			
Project name	ement	PPP		Firm responsib	ility (prime or su	b?) sub			
Project number	name	DOTD							
Project location	Belle Chasse,	LA				Owner's Pro	ject Manager	Nickolas Olivie	er, PE
Owner's address	ss, phone, email	1201 Capito	l Access R	Road, B	aton Roug	ge, LA 70802,	225-379-1133,	Nicholas.olivier	@la.gov
Services commenced by this firm (mm/yy) 04/19 T					consultan	t contract cost	: (\$1,000's)		unknown
Services completed by this firm (mm/yy) current Co					of consulta	ant services pr	ovided by this fi	irm (\$1,000's)	211.890

Vectura is providing the traffic engineering services for the Belle Chasse Bridge & Tunnel Replacement Project for improvements along LA 23. Vectura is responsible for the following tasks:

- Preliminary and final traffic studies
- Temporary and final traffic signal plans
- Assist the Prime with Traffic Management Plan (TMP)
- Response to request for information (RFI's)
- As-built plans for the traffic signals

PERSONNEL: Brin Ferlito, Laurence Lambert, Prasanth, Malisetty, Bridget Robicheaux, and Reece Rodrigue (100% performed in Louisiana)

<u>17. Firm Experience:</u>

Firm name	Vectura Consul	Vectura Consulting Services, LLC				rmance Evalu	ation Category(i	ies)* TM	
Project name Roundabout: US 171 at Boone St.							Firm responsib	ility (prime or su	ib?) sub
Project number	H.011909.5-4		Owner's	name	DOTD				
Project location Vernon Parish, LA						Owner's Pro	ject Manager	Josh Harrouch	
Owner's addres	s, phone, email	PO Box 942	45 Baton I	Rouge,	LA 70804	4-9245, (225)	242-4640, Joshu	ua.Harrouch@LA	A.GOV
Services commenced by this firm 11/20					consultan	t contract cost	t (\$1,000's)		unknown
Services completed by this firm 12/21 Co					of consulta	int services pr	ovided by this fi	irm (\$1,000's)	\$82.045

Vectura designed temporary traffic signal plans as part of the sequence of construction plan for a roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. The purpose of the project was to replace the existing signalized intersection with a multilane roundabout at Boone Street.

Roundabout Pavement Marking QC Review

Staff from Vectura provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.

Temporary Traffic Signal Design

Vectura performed following design tasks to develop temporary traffic signal plans:

- Detailed study of sequence of construction plans to determine the optimal traffic signal operation and required traffic signal equipment for each sequence of construction phase,
- Reviewed potential access issues for all the impacted driveways / streets along the project area for each sequence of construction phase,
- Developed multiple traffic signal timing plans by time of day for each sequence of construction phase to maintain progression along main corridor,
- Developed temporary signal plans including pole and span wire layout, signs, striping, power source, signal timings by time of day, vehicle detection, signal head placement, wiring diagram, pole height calculations, clearance calculations, quantities, construction cost estimate, and
- Coordinated with DOTD Traffic Section and District Traffic Engineer.

PERSONNEL <mark>Brin Ferlito, Prasanth Malisetty, Reece Rodrigue, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)</mark>

Page 54 of 74 Prime consultant name: Modjeski and Masters, Inc.

17. Firm Experience:

Firm name	Civil Design &	Construction	, Inc.]	Past Performance Eval	uation Discipline	(s)* Survey	
Project name	I-10 TX State Lir	ne East of Coo	ne Gully			Firm responsibi	lity (prime or su	b?) Sub
Project number	H.003184.5		Owner's	s name	Louisiana Department	nt of Transportation	on and Develop	ment
Project location	Calcasieu Par	ish, LA			Owner's Pr	oject Manager	Stanley Ard, Pl	LS
Owner's addres	s, phone, email	1201 Capital	Access Rd	l., Baton	Rouge, LA70802/225-37	79-1232/Stanley.A	rd@la.gov	
Services commenced by this firm (mm/yy) 10/15 Tot					Fotal consultant contract cost (\$1,000's)			
Services completed by this firm (mm/yy) 12/18 Cos					f consultant services pr	ovided by this fire	m (\$1,000's)	\$443

Project Description: This was a 6-lane widening project on I-10 in Calcasieu Parish. The project limits extended from the foot of the Sabine River Bridge (approximately 0.5 miles east of the state line) to a point approximately 2000 feet east of the beginning of the existing 6-lane section (located East of Coone Gully). The survey width of the project was from apparent right of way to apparent right of way and 500 feet past the gore along each of the on and exit ramps.

• In 2018, CD&C was supplemented to extend the original limits of this survey approximately 1500' and to pick up several other areas of additional topographic updates.

CD&C's Role: CD&C performed a complete topographic survey in accordance with the Location and Survey Manual and all current accepted Location and Survey Automation Procedures for this project. A topographic survey was already completed at all bridge sites located within the limits. The survey included all utilities with depths and information, all drainage structures, and all survey DTM and improvement features that fell inside the survey limits. Due to traffic concerns **3D Terrestrial Scanning** was utilized for the location of roadways and traditional means and methods were used to complete the topographic survey on this project. The final submittal of the survey was a combination of the supplied data from LADOTD for the bridges with the current survey that was completed for this project.

PERSONNEL: Karla E. Weston, P.E.; Ralph Burgess, PLS, Chris Ballard, Phil Dupree, Jacob Stoehr, Trent Norris, John Ewing, Scott Benton



<u>17. Firm Experience:</u>

Firm name	Civil Design & C	onstructio	on, Inc.		Past I	Perforn	nance Ev	valu	ation Discipline	e(s)*	Survey		
Project name	I-10: LA 415 to Essen Lane on I-10 and I-)				Firm responsib	oility (prime or su	ıb?)	Sub
Project number	· H.004100		Owner's n	name		Louis	siana Dep	part	ment of Transpo	ortatio	on and Deve	elopn	nent
Project location	N West and East	Baton Rou	ige, LA			(Owner's	Pro	ject Manager	Nicl	nolas Olivie	er	
Owner's address	ss, phone, email	1201 Cap	oitol Access	Rd, Ba	aton R	Rouge, I	LA 7080	2; ((225) 379-1232,	Brian	.Kendrick	@la.g	OV
Services commenced by this firm (mm/yy) 01/18 Tota					Fotal consultant contract cost (\$1,000's)					N/A			
Services compl	Services completed by this firm (mm/yy) Ongoing Cos					sultant	services	pro	ovided by this fi	rm (\$1	1,000's)	\$290	5

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

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



PERSONNEL: Karla E. Weston, P.E.; Ralph Burgess, PLS, Christopher Ballard, PLS; Phil Dupree, Party Chief; Jacob Stoehr, Trent Norris, John Ewing

17. Firm Experience:

Firm name	Civil Design & C	Construction	, Inc.		Past Perfor	mance Evaluat	ion Discipline(s)*		Survey	
Project name	me Verot School Road						Firm responsibili	ity (prin	ne or sub?)	Sub
Project number	H.011235		Owner's	name	LADOT	D				
Project location	Lafayette, LA					Owner's Proj	ect Manager	Thoma	s Gattle (Huva	l & Assoc.
Owner's address	, phone, email	922 W. Point	Des Mou	ton Rd.,	Lafayette,	LA 70507/337-	234-3798/tgattle@	@huvala	ssoc.com	
Services commenced by this firm (mm/yy) 08/16 Tot					consultant co	ontract cost (\$1	,000's)		N	/A
Services completed by this firm (mm/yy) 01/18 Cos					f consultant	services provid	ded by this firm (\$	61,000's	s) \$4	435

<u>Project Description:</u> This project is located in Lafayette Parish between Lafayette Regional Airport and Broussard, LA. The project is for the proposed widening of US 90/I-49 South and realignment of Verot School Road. A topographic survey was performed along the entire proposed route as well as an existing drainage map.

CD&C's Role: CD&C performed a complete topographic survey of the project site by using **3D Terrestrial Scanning in conjunction with traditional means to complete the survey. Control was set for the scanning throughout the project limits.** Coordination with Cardno, Inc. (Team member) was necessary for the location of all utilities in the project area. CD&C also coordinated with all the property owners for access to the properties and also meet with safety advisors for the industrial business that were impacted. The survey included coordination with the ongoing I-49 Connector project and merging of that survey to the CD&C survey in order to make a complete project for the area. **CD&C also researched and compiled an existing right of way linework for the prime consultant to use for exhibits for the project and is tasked to complete Final ROW Maps.** In order to complete the survey CD&C also had to coordinate with BNSF railroad for access to BNSF's rail.



<u>Members Involved:</u> Karla Weston, PE; Ralph Burgess, PLS; Christopher Ballard, PLS; Trent Norris; Phil Dupree; Jacob Stoehr; Jason Stoehr; Alex Wells

18. Approach and Methodology:

COMPANY PROFILE

Modjeski and Masters, Inc. (M&M) has been performing engineering design services for LADOTD for over 60 years which has included bridge and roadway improvement projects, along with roadway lighting.

Even before the beginning of the Federal Interstate Highway System, M&M had established itself as an expert in the planning and design of major expressways and interchanges. M&M continues to be an invaluable partner to transportation agencies trying to keep pace with growing demands. We offer a full array of comprehensive highway, bridge and interchange/intersection design services. And we provide solutions that not only meet today's needs, but also accommodate future requirements as well.

M&M's personnel have extensive knowledge of current LADOTD, the American Association of State Highway & Transportation Officials (AASHTO's) policies and design procedures. The M&M staff is also extremely knowledgeable of the requirements of the Federal Highway Administration's (FHWA's) Manual on Uniform Traffic Control Devices (MUTCD). M&M's key personnel designated for this project have performed hydrologic and hydraulic analysis and design in accordance with LADOTD's Hydraulics Manual on a multitude of roadway improvement projects and are also extremely knowledgeable of LADOTD's roundabout policies and guidelines along with the NCHRP Report 672 – "Roundabouts: An Informational Guide" Second Edition.

One of the premier examples of M&M's Louisiana roadway design experience is demonstrated by the Huey P. Long Bridge Widening project which included a significant amount of roadway design services, including interchange design. The roadway design services M&M performed are outlined in the first project sheet in Section 17 of this 24-102.

PROJECT UNDERSTANDING

Since this is an IDIQ contract, we understand that project scopes could vary significantly between Task Orders. We anticipate that a Task Order may consist of one or more of the following types of projects:

- Roadway Resurfacing/Rehabilitation
- Roadway Reconstruction
- Roadway Widening
- Intersection Improvements (including roundabouts and signalized intersections)
- Interchange Improvements
- Access Management

Roadway classifications could consist of both rural and urban and include freeways, interstates, arterials, collectors and local roads.

We also understand that services may include but are not limited to the following:

- Topographic Surveys
- Traffic Control Design, Traffic Signal Analysis and Design
- Preliminary and Final Roadway Design, Plan Development and Cost Estimates
- Hydraulic Analysis and Design
- Road Design Services During the Environmental Process
- Special Provision Write-ups
- Transportation Management Plans (TMPs)
- Quality Plan Reviews
- Construction Support

M&M will evaluate each project to incorporate LADOTD's Complete Streets Policy to provide facilities for all users, including pedestrian and bicycles, where determined to be feasible and warranted. Context sensitive solutions will be considered and implemented throughout the design process.

PROJECT APPROACH

M&M has assembled a highly qualified team for these two (2) Roadway Design Services IDIQ Contracts. As indicated in the Organizational Chart in Section 14 along with the resumes in Section 16, M&M's Team has a highly experience staff with extensive LADOTD experience in performing all required services required for any road design Task Order. M&M's Team proposed for this project easily fulfill the five (5) Minimum Personnel Requirements. Joining the M&M Team for this project are the highly respected DBE Firms of Vectura Consulting Services, LLC (Vectura) and Civil Design and Construction, Inc. (CD&C). CD&C will be responsible for acquiring any required topographic survey as determined by the design team. CD&C will also provide SUE services if required. Vectura will be responsible for performing all Traffic Engineering Services which may include Traffic Control Design, Traffic Safety Analysis and TMPs in accordance with EDSM No. VI.1.1.8. All of Vectura's designated PTOEs for this contract have completed LADOTD's Traffic Engineering Process and Report Training Requirements (TEPR).

Newell Schindler will serve as M&M's Project Manager (PM). Newell has over 40 years of experience in the management and design of infrastructure projects, 13 years of experience in the Road Design Section of LADOTD, and 27 years of experience as a Consulting Engineer which has included Project Management and design of a multitude of transportation improvement projects. He has extensive knowledge of current LADOTD and the American Association of State Highway & Transportation Officials' (AASHTO) policies and design procedures. In addition, Mr. Schindler supervised the design of a multitude of road and bridge improvement projects, including complex urban interstate, urban arterial, rural arterial, and minor bridge replacement projects. Projects included coordination with Traffic Engineers and the evaluation of traffic analyses to develop capacity and safety roadway improvements, including intersections and interchanges. He completed the course "National Environmental Policy Act (NEPA) and Transportation Decision Making," and also completed LADOTD's TEPR Training.

Task Order Initiation

Upon notification from LADOTD, M&Ms PM will develop a detailed Scope of Services based on communications with LADOTD's Project Manager. Subsequently, M&M will develop a proposed man-hour estimate along with a proposed schedule, after receipt of approval of the Scope of Services from LADOTD,

Preliminary Plan Development

All roadway engineering design services performed by the M&M Team will adhere to the requirements of the most recent editions of LADOTD's Roadway Design Procedure and Details Manual, LADOTD's Minimum Design Guidelines, LADOTD's Engineering Directives and Standards Manual (EDSMs), AASHTO's Policy on Geometric Design of Highways and Streets, AASHTO's Roadside Design Guide, AASHTO's Guide for the Planning, Design and Operation of Pedestrian Facilities, AASHTOS's Guide for the Development of Bicycle Facilities and FHWA's MUTCD.

Plan preparation will conform to LADOTD's drafting and software standards. Bentley Inroads and MicroStation software will be used for roadway design. ProjectWise will be used as the document management software for plan development to ensure integration with LADOTD and foster collaboration between different disciplines.

M&M will perform drainage design in accordance with the requirements of LADOTD's Hydraulics Manual. LADOTD's HydroWIN software will be utilized for all Hydrologic & Hydraulic (H&H) calculations, which includes the following if required:

- HYDR1110 Normal Water Surface Profile
- HYDR1121 Culvert Analysis Program
- HYDR1130 Peak Runoff Program
- HYDR1140 Open channel Design Program

- HYDR6000 Inlet Spacing and Selection Program
- HYDR6020 Storm Sewer Design Program

Quality Assurance/Quality Control (QA/QC)

We will provide our QA/QC to LADOTD's PM within 10 business days of award notification. M&M's QA/QC plans relate to both the technical and administrative aspects of the full engineering service life cycle of a project, including proposal preparation, staffing, design activities, field activities, internal and external communication, project review, field operations, including inspection and construction observation, and document storage. Checklists and forms will be developed to monitor special needs of LADOTD and/or a specific engineering activity. QC/QA reviews will be performed prior to the submittal of all milestone deliverables. All deliverables will conform to the requirements of Figure 1-02 (Stage 3 Plan Review Distribution) of LADOTD's Roadway Design Procedure and Details Manual.

Kick-off Meeting

After Task Order execution and receipt of Notice-to-Proceed M&M will immediately begin preparing for and scheduling the project Kickoff Meeting in coordination with LADOTD's PM. Members of M&M's Team will participate in this meeting, along with LADOTD's relevant Headquarters and District personnel. M&M shall prepare the meeting agenda and topics of discussion which will include project scope and understanding, proposed schedule, design criteria, communication protocol, pre-design report, existing available project information. M&M will provide meeting minutes to all meeting attendees.

Topographic Survey

M&M's DBE subconsultant, CD&C, will be responsible for obtaining any required topographic surveys. CD&C will ensure that the topographic survey shall adhere to all modern survey theory, practice, and procedures, and follow the latest version of the LADOTD Location and Survey Manual including typical surveying methods as applied by LADOTD. This includes all accepted horizontal and vertical control standards as stated in the manual. The LADOTD feature table code list and symbols shall be utilized and met with those included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and Survey Section and Automation. 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site and will adhere to all LADOTD Standards as related to Terrestrial and Mobile Scanning. All deliverables will adhere to the Electronic standard as set forth by LADOTD.

Preliminary Plans Deliverables

Preliminary plans shall consist of 30%, 60%, 95% and 100% deliverables with a Plan-in-hand (PIH) meeting to be held after the 95% submittal. M&M's deliverables will address all previous comments received from LADOTD and include a spreadsheet documenting how each comment was addressed. All of MM's plans will adhere to LADOTD's electronic deliverable standards, including using CADConform for drafting efficiency and standards compliance as well as ProjectWise for collaboration and submittal delivery.

30% Preliminary Plans

The 30% deliverable shall consist of the Title Sheet, Typical Section Sheets and Plan/Profile Sheets with existing Topo.

60% Preliminary Plans

The 60% deliverable will include updated Title Sheet, Typical Section Sheets, Plan/Profile Sheets, along with Drainage Plan/Profile (if required), Existing & Design Drainage Maps, Geometric Details and Cross Sections. The Preliminary Hydraulic Report will also be delivered at this time.

95% Preliminary Plans and PIH

The 95% deliverable will include updated sheets included in the previous submittal and will also include Suggested Sequence of Construction, Temporary Erosion Control, Summary of Estimated Quantities and a Construction Cost Estimate.

100% Preliminary Plans

The 100% deliverable will address all PIH comments and include any proposed Design Waiver/ Exception requests.

Environmental Support

The M&M Team will perform road design services to support the Environmental Process as required. M&M will prepare drawings and details which illustrate the proposed work to obtain required permits. M&M will attend and prepare exhibits and technical presentation for all public meetings and hearings necessary to obtain the environmental clearance. As an example of M&M's rendering capabilities, shown below are a couple of renderings M&M developed for proposed roadway improvement projects in St. Tammany Parish, LA.



Final Plan Development

Once Environmental Clearance is received and LADOTD issues a NTP, M&M's Team will proceed with Final Plan Development. Final Plans will consist of 60%, 95%, 98% and 100% deliverables. M&M's deliverables will address all previous comments received from LADOTD and include a spreadsheet documenting how each comment was addressed.

60% Final Plans

The 60% deliverable will consist of a full-set of plan sheets, including Summary Tables, Signing & Striping Sheets, and Signalization plan sheets (if Required), along with the Final Hydraulic Report. The M&M Team will participate in a joint plan review meeting if required.

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95% Final Plans

The 95% deliverable will consist of a full-set of plan sheets, along with the Final Design Report, Constructability Forms and QA/QC Documentation.

98% & 100% Final Plans

The 98% deliverable will consist of a full-set of plan sheets along with any required special provisions. Plans will be reviewed by LADOTD's Plan Quality unit and Contracts and Specifications Section. Upon receipt of approval from LADOTD' PM, M&M shall submit Final Plans signed and sealed by the Engineers of Record.

Construction Support

M&M will provide construction support as required which shall include reviewing and responding to all RFI's within 48 hours and aid with informational meetings between LADOTD & the contractor within 24 hr. notice.

Proposed Project Schedule

M&M's Proposed Project Schedule for a typical project is provided below. Actual project durations will vary depending on the magnitude and complexity of each individual Task Order.



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.

	Past			Remaining
Firm(s)	Performance	State project	Project name	Unpaid
	Evaluation	number		Balance**
	Discipline(s) *			
		S.P. 700-66-0461	Bridge Scour Analysis	
		H.005358.5	Statewide	
		S.P. 700-66-0486	Engineering Services for Bridge Preservation Retainer	
			440000668, Statewide	
	Bridge	H.009479	West Larose Vertical Lift Bridge Rehabilitation -	\$0
			Supplement No. 2	
	Bridge	JN 3144	Expert witness services in bridge design, construction,	\$278,707
			repair and forensic analysis	
MODIESKI MASTERS		Retainer	Engineering Services for Bridge Preservation	
MODJESKI		Contract	Retainer	
		4400002538	Statewide	
	Bridge	H.010882.5	LA 18: 4th Street Bridge Rehabilitation (Supplement No. 2)	\$0
	-		Construction Services	
			Jefferson Parish	
	Bridge	H.010882.6	4th Street Bridge Rehabilitation Paint (Supplement No. 3)	\$4,848
	_		Route LA 18	
	Other	H.003014.6	I-10: LA 347 to Atchafalaya Fldwy Bridge (Const. Svcs.)	\$15,094

		Retainer	Construction Engineering and Inspection with Painting	
		Contract	Statewide	
		4400005395		
	CE&I/OV	H.011705.6	US 11 Lake Pontchartrain Bridge Rehabilitation - Phase 2	\$0
	CE&I/OV	H.011494.6	US 90 Atchafalaya River Bridge Rehabilitation	\$0
		Retainer Contract	Complex Bridge Rating (on-system trusses and other	
		4400004921	complex bridges) Statewide	
	Bridge	H.009859.5	Ten Truss Bridges - Load Rating and Evaluation	\$63,337
	Bridge	H.009859.5	Sunshine Bridge Load Rating after Collision Repair - Task	\$13,605
			Order 4	
	Bridge	H.012485.1	Load Rating of 354 Off-System Bridges - Task Order 6	\$0
	Bridge	H.009859.5	Load Rating of 14 Complex Bridges	\$260,549
		Retainer	Retainer Contract for Bridge Preservation	
		Contract	Statewide	
		4400005774		
	Bridge	H.001234.5	Port Allen Canal Bridge	\$64,231
	Other	H.010601.6	I-10: LA 328 to LA 347 - CRES	\$44,879
MODJESKI and MASTERS	Other	H.011137.5	I-12: LA 1077 to US 10 Roadway and Navigation Lighting	\$35,452
		IDIQ Contract	ID/IQ for Bridge Preservation	
		4400012382	Statewide	
	Bridge	H.011705.6	US 11: Lake Pontchartrain Bridge Rehab Phase 2 (HBI)	\$0
	Bridge	H.012343.6-1	LA 70: Mississippi River Bridge Phase III	\$12,854
	Bridge	H.013179.6	LA 1064: Little Natalbany River Bridge Replacement -	\$14,727
			Construction Svcs.	
	Bridge	H.013183.6	LA 16: Tangipahoa River Bridge Replacement -	\$33,963
			Construction Svcs.	
	Bridge	H.013193.6	US 61: Thompson Creek Bridge - Construction Svcs.	\$804
			Rehabilitation and Replacement	
	Bridge	H.013829.5	I-10 and LA 47: Overhead Sign Upgrade	\$0
	Bridge	Task Order No. 2	LG Bridge Design Example and Parametric Studies	\$74,644
	Bridge	H.012343.6	LA 70: Mississippi River Bridge Phase III - Legal	\$13,703
	Bridge	H.000303.6	Danzinger Bridge Rating and Repair	\$54,259
	Bridge	H.009859.5	Strengthening of US 90 Bridge 201810	\$16,182

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	Bridge	H.003144.6-2	Luling Bridge Cable Stay Replacement Project	\$448,203
	Other	H.011235	Subconsultant: I-49 South at Verot School Road - Lighting	\$32,989
		H.004791	Subconsultant: Belle Chasse B7T Replacement P3 -	\$52,786
			Electrical and Structural	
		IDIQ Contract	ID/IQ for Bridge Preservation	
		4400017263	Statewide	
	Bridge	H.010603.6	I-20 Mississippi River Bridge at Vicksburg - Monitoring	\$0
	Other	H.013866.6	I-12: LA 21 to US 190 Navigation Lighting & Roadway	\$67,664
	Other	H.003184.6	I-10: Texas State Line - E. of Coone Gully - CRES	\$58,531
	Bridge	H.011485.6	LA336-1: Bayou Teche Bridge Rehabiliation	\$118,284
	Other	H.012889.5	I-20 Rehabilitation - Roadway Lighting (Pines Road to I- 220)	\$98,626
	Bridge	H.000263.5	Chef Menteur Pass Bridge & Approach	\$27,466
	Bridge	H.011965.5	LA 47: IWGO Bridge Rehabilitation (HBI)	\$15
	_		LA 47: Over the Intercoastal Waterway Gulf Outlet	
			(IWGO)	
MODJESKI and MASTERS	Bridge	H.009859.5	Prien Lake Bridge Structural Rating	\$18,259
	Bridge	H.004420.5	Barataria Preliminary Fender Design	\$2,120
	Bridge	H.014280.5	Bayou Ramos Bridge Girder Study	\$42,867
	Bridge	H.014673.5	I-49 US 165 Debonded PPC Girder Rehab	\$17,495
	Bridge	H.014587	LA 302: Kerner Ferry Bridge Repairs PH 2 - Constr Support	\$71,145
	Bridge	H.013946.6	Sunshine Bridge Fender Construction - 2021	\$66,166
	Bridge	H.009859.5-2	Load Rating of two existing bridges	\$152,416
	Bridge	H.004420.5	Bayou Barataria Bridge at Jean Lafitte - Supp 1	\$681
	Bridge	H.014406.6	Houma Navigation Canal Swing Bridge - Electrical Repair CRED	\$25,271
	Bridge	H.014673.5-2	NSFRP Specification Review	\$1,336
	Bridge	H.004100	Subconsultant: LA 415 to Essen Lane on I-10 and I-12 CMAR RCP Plans	\$1,473,138
	Bridge	H.001234.6	LA 1: Port Allen Canal Bridge Replacement - Phase 1 CRES	\$152,624

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		IDIQ Contract	ID/IQ for Electrical Services	
MODIESKI		4400020063	Statewide	
MODJESKI	Bridge	H.014212.6	I-10 Atchafalaya Bridge Navigational Lights Repl	\$63,766
	Traffic	H.010616	I-20: LA 544 Overpass Replacement	\$131,973
	Traffic	H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	\$51,279
	Traffic	H.005168.2	New Orleans Rail Gateway Avondale EA	\$147,225
	CE&I	H.007160	EBR Computerized Traffic Signal, Ph VB	\$51,629
	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	\$14,740
	Traffic	H.012030.5	KCS RR Overpasses HBI	\$28,026
	ITS	H.011504.5	Alexandria ITS Phase 2	\$54,179
	Survey	4400017091/	LWI Statewide Modeling R5 – Task Order #2	\$6,722
		TO-2		
	Survey	4400017091/	LWI Statewide Modeling R5 – Task Order #3	\$227,031
		TO-3		

(Add rows as needed)

DO NOT SUM

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

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

20. Certifications/Licenses:

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





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Certificate of Completion	
Kristen Gahagan	
for completing the	
Traffic Engineering Analysis Process & Report Module 3	
Date: October 29, 2018 Professional Development Location: Baton Rouge, Louisiana Horn (PDHs), Avantick 3	nent led: 3
Joly Aldren Authorized instructor Authorized instructor	-Le- ractor
CULUMAN BEAMINGER	
21. QA/QC Plan and/or Work Plan:

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

22. Sub-consultant information:

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

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Vectura Consulting Services, LLC	8000 Innovation Park Drive, Baton Rouge, LA 70820	Brin Ferlito, PE, PTOE <u>bferlito@vecturacs.com</u>	(225) 223-6685
Civil Design & Construction, Inc.	PO Box 857 3251 Southern Pacific Railroad Port Allen, LA 70767	Karla E. Weston, PE <u>kweston@cdcbr.com</u>	(225) 765-1802

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.