



IDIQ CONTRACTS FOR PAINTING INSPECTION AND ENVIRONMENTAL MONITORING WITH CONSTRUCTION ENGINEERING AND INSPECTION (CE&I)

CONTRACT NOS. 4400027614 AND 4400027615

Request for Qualifications



October 5, 2023



DOTD FORM: 24-102

(Revised January 1, 2023)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

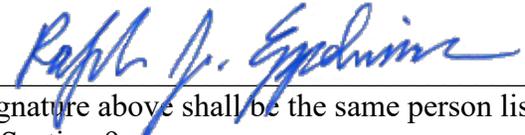
Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

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

1. Contract Name as shown in the advertisement	IDIQ Contracts for Painting Inspection and Environmental Monitoring with Construction Engineering and Inspection (CE&I) Statewide
2. Contract Number(s) as shown in the advertisement	Contract Nos. 4400027614 and 4400027615
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	Modjeski and Masters, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0000570
6. Prime consultant mailing address	1100 Poydras St., Suite 900, New Orleans, LA 70163
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1100 Poydras St., Suite 900, New Orleans, LA 70163
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Ralph J. Eppehimer, PE, Senior Vice President (504) 524-4344, rjeppehimer@modjeski.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Ralph J. Eppehimer, PE, Senior Vice President (504) 524-4344, rjeppehimer@modjeski.com

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

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



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

Date: October 5, 2023

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

Firm(s):

Firm(s)' %:

12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert 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 (please specify).

Past Performance Evaluation Discipline(s)	% of Overall Contract	Modjeski and Masters, Inc.	KGC Environmental Services, Inc.	Design Engineering, Inc.	HRV Conformance Verification, Associates, Inc.	C. H. Fenstermaker & Associates, LLC	Each Discipline must total to 100%
CE&I / OV	100%	55%	25%	10%	7%	3%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	55%	25%	10%	7%	3%	100%

13. Firm Size:

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

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

http://www.sp.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)
Modjeski and Masters, Inc.	Principal	1	7
	Supervisor Engineer	2	15
	Supervisor - Other	1	11
	Engineer	4	6
	Engineer-Other	0	21
	Engineer Intern	3	19
	Technician	2	2
	Senior Technician	3	3
	CADD Technician	1	9
	Professional	0	1
KGC Environmental Services Inc.	Senior Technician	3	3
	Principal	1	1
Design Engineering, Inc.	Principal	1	2
	Supervisor-Eng	1	1
	Engineer	4	5
	Engineer Intern	1	4
	Project Office Manager	1	1
	Inspector- Lead	1	1
	Inspector- Certified	1	3
	Inspector	0	6
HRV Conformance Verification Associates, Inc.	Engineer-Other	1	1
	Inspector	3	5
	Senior Technician	2	2
C. H. Fenstermaker & Associates, L.L.C.	Surveyor	2	4
	Principal	1	3

14. Organizational Chart:

- (1) Work Zone Training Compliant
- (2) DOTD Certified Inspector
- (3) Part-Time (as needed, typically works less than 40hrs/week)



PROJECT MANAGEMENT

<p>Ralph J. Eppheimer, PE Principal-in-Charge & QC</p>	<p>Anthony E. Schoenecker, PE⁽¹⁾ Project & Contract Management</p>
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BRIDGE AND ROADWAY CE&I

Matthew J. Miller, PE ⁽¹⁾
Project Manager & CE&I Group Leader

James W.H. Costigan, PE ⁽¹⁾
Field Services Engineer



James Martin, PhD, PE ⁽¹⁾
Jay Rafferty ⁽¹⁾
John Holtgreve, PE ⁽¹⁾
Wayne Lemoine ⁽¹⁾⁽²⁾
John Karlin, SE, PE ⁽¹⁾
Jeffrey Puissegur ⁽¹⁾⁽²⁾



Robert Stachel, PE
Ralf Lowe
Sean Atwater
Walter Davis

COATINGS CE&I



Bryan E. Swartz, NACE Certified ⁽¹⁾
Coating Project Manager

Michael J. Beitzel, NACE Certified ⁽³⁾
Coating Technical Advisor

Scott C. Gordon, NACE Certified ⁽¹⁾
Coating Inspector

John Coon, NACE Certified ⁽¹⁾
Coating Inspector



Coatings Inspection Support Staff
Richard Fulton, NACE Certified
Kevin Chatary, CCM/NACE – 1

ENVIRONMENTAL MONITORING



Kevin Guth, DrPH, CIH, PMP
Environmental Project Manager

Justin Beitzel, MBA, PMP⁽³⁾
Senior Environmental Professional

Chris Price
Senior Environmental Professional

Sammy Phillips
Senior Environmental Technician

SURVEYING



Travis Bodin, MBA, PLS, PMP
Principal

Bradford Millett, PLS, EI
Justin Bordelon, PLS

15. Minimum Personnel Requirements:

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

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Ralph J. Eppehimer, PE	Modjeski and Masters, Inc.	PE #23251 – Civil	LA	3/31/2025
2	Ralph J. Eppehimer, PE	Modjeski and Masters, Inc.	PE #23251 – Civil	LA	3/31/2025
3	Anthony E. Schoenecker, PE	Modjeski and Masters, Inc.	PE #35786 – Civil	LA	3/31/2025
4	Bryan E. Swartz	Modjeski and Masters, Inc.	NACE #10929 SSPC C-3 SSPC C-5		
5	Scott C. Gordon	Modjeski and Masters, Inc.	NACE #8115 SSPC C-3 SSPC C-5		
6	Kevin Guth	KGC Environmental Services Inc.	ABIH-Certified Industrial Hygienist		6/1/2024
7	Matthew J. Miller, PE	Modjeski and Masters, Inc.	PE #39534 – Civil	LA	9/30/2025
	John Holtgreve, PE	Design Engineering, Inc.	PE #16383 – Civil	LA	3/31/2025
8	James W.H. Costigan, PE	Modjeski and Masters, Inc.	PE #44328 – Civil	LA	9/30/2024
	John Karlin, SE, PE	Design Engineering, Inc.	PE #44795 – Civil SE #081-008511	LA IL	3/31/2025 11/30/2024

(Add rows as needed)

16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.				
Name	Ralph J. Eppehimer, PE		Years of relevant experience with this employer	41
Title	Senior Vice President & Director of Field Services		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		BS	1982	Civil Engineering
Active registration number / state / expiration date		23251	LA	3/31/2025
Year registered	1989	Discipline	Civil	
Contract role(s) / brief description of responsibilities Mr. Eppehimer has vast experience in all aspects of field services including new bridge construction, bridge repairs, safety and maintenance inspections of existing bridges, repair and rehabilitation of bridges and emergency response to bridge accidents. Mr. Eppehimer fulfills the minimum personnel requirements for MPR #1 & #2 and will serve as Principal-in-Charge for this project.				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
12/22 - Ongoing	LA 182: Berwick Bay Bridge Rehabilitation, St. Mary Parish, LA LADOTD This project involves the QA painting inspection and environmental monitoring of lead paint removal, cleaning and painting of existing and new steel required for the Berwick Bay Bridge in Morgan City, LA. The bridge spans the Atchafalaya River and consists of three 607-ft riveted K-truss spans and forty-two (42) approach spans. Mr. Eppehimer serves as the Principal-in-Charge for this project.			
4/19 – 5/23	US 90 Atchafalaya River Bridge Rehab, St. Mary Parish, LA LADOTD This project involves the complete removal and disposal of existing coatings and total painting of all main span structural metalwork including entire truss and bearings from Pier W2 to Pier E2 of the structure. M&M performed all of the painting inspection and supervised environmental monitoring services during the project. Mr. Eppehimer served as the Principal-in-Charge.			
7/18 - 11/20	Bonnet Carre Trestle Bridge Replacement- CE&I. Laplace, Louisiana Canadian National Railway The existing bridge was one of three railroad crossings and a highway crossing that were built in 1934 to accommodate the construction of the Bonnet Carre Spillway. The trestle is 11,753 feet long and was opened to rail traffic in 1934. The superstructure is ballast deck timber trestle with the exception of 13 concrete fire breaks, five (5) concrete DVB spans, one (1) steel beam span and five (5) steel TPG spans. The replacement structure was designed on an offset alignment for an overall new length of 11,711’ with a horizontal offset of approximately 50’ east, with an exception near each end of the bridge where the alignment will transition back close to the existing track in order to utilize the old approach embankments. The new construction is precast concrete design with the superstructure composed of PPC DVB spans and the substructure consists of 1,139 24” square precast prestressed concrete piles supporting two (2) precast abutment caps with precast backwalls and 299 precast pier caps for 3, 4 and 6-pile piers. Modjeski and Masters provided professional CE&I services for the bridge replacement. These services included providing an on-site resident engineer with responsibility for daily construction inspection. Other specialized personnel was provided as needed to manage, inspect, test and otherwise oversee tasks involved with this project. Mr. Eppehimer served as the Principal-in-Charge.			



8/12 – 8/18	<p>H.000343/H.009943 US 190 Huey P. Long Bridge Construction Engineering & Inspection (Cleaning, Painting, Repairs [Phase 1 & 2]), Baton Rouge, LA LADOTD</p> <p>This project provided construction engineering and inspection services for the through truss cantilever bridge that carries US 190 as well as one rail line over the Mississippi River in Baton Rouge, LA.. The 12,000+ foot bridge was in need of several repairs such as replacing elements in the steel approach and main spans, repairing navigation lighting, constructing retaining walls, placing guard rail, and repairing pavement. M&M also provided contract administration, paint inspection, as well as environmental monitoring services during construction. Mr. Eppehimer served as the Principal-in-Charge and Project Manager for this project.</p>
4/15 – 3/18	<p>H.011482 US 90 Huey P. Long Bridge Cleaning and Painting (Segment 7) Jefferson Parish, LA LADOTD</p> <p>The Huey P. Long Bridge is a high-level, combination highway and railroad truss bridge which crosses the Mississippi River in New Orleans, Louisiana and is part of the complex urban freeway system in the area. The total structure length, including approaches, is approximately 23,000 ft. The project consisted of the development of plans and specifications for the removal of lead paint and the recoating of the original bridge trusses and bracing above bridge deck level. CE&I services and a Level 4 Transportation Management Plan were provided. Mr. Eppehimer served as the Project Manager for this project.</p>
4/15 - 6/16	<p>H.009326.6 I-10/I-610 Bridge Repairs and Painting, Orleans, St. Charles and St. John Parishes, LA LADOTD</p> <p>The project provided for the complete cleaning and removal of existing coatings, application of new paint, and disposal of material in steel spans in the I-10/I-610 bridge near New Orleans, LA. Along with its sub-consultant KGC Environmental Services, Inc., M&M is providing CE&I services to perform all painting inspection and environmental monitoring services. Mr. Eppehimer was the Project Manager for this project.</p>
5/12 - 2/14	<p>US 90 Huey P Long Bridge Cleaning and Painting (Segment 6), Jefferson Parish, LA Public Belt Railroad</p> <p>This project calls for plan preparation and field CE&I services to the Public Belt Railroad for the cleaning and repainting of the railroad floor system and original bottom chords of this high-level, combination highway and railroad bridge. Mr. Eppehimer was the project manager for the CE&I services involved with this project.</p>
4/01 – 7/04	<p>S.P. 451-09-0015 I-20 Mississippi River Bridge Cleaning and Painting, Vicksburg, MS LADOTD</p> <p>The project involves providing CE&I services (Stage 5, Part 3) for the cleaning and repainting of this steel cantilever through truss crossing the Mississippi River. The total length of the bridge and its approaches are approximately 4,190 feet and is estimated to have approximately 1,300,000 square feet of surface area to be cleaned and painted. Mr. Eppehimer was the project manager for the CE&I services for the cleaning and repainting of the I-20 Bridge</p>

16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.					
Name	Anthony E. Schoenecker, PE		Years of relevant experience with this employer		14
Title	Senior Project Manager		Years of relevant experience with other employer(s)		4
Degree(s) / Years / Specialization		BS	2005		Civil Engineering
Active registration number / state / expiration date		35786	LA		3/31/2025
Year registered	2010	Discipline	Civil		
Contract role(s) / brief description of responsibilities					
Having been involved in a variety of bridge inspection projects, Mr. Schoenecker is the Southeast Region Field Services Manager and is an NBIS Inspection Team Leader responsible for the coordination and execution of inspections and condition reporting. He has completed the FHWA-NHI Course No. 130078 - Fracture Critical Member Inspection Techniques for Steel Bridge and is trained in Technical and Rope Access techniques. He is SPRAT Level III certified and is trained to work in Confined Spaces.					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
11/22 - Ongoing	LA 182: Berwick Bay Bridge Rehabilitation, St. Mary Parish, LA LADOTD This project involves the QA painting inspection and environmental monitoring of lead paint removal, cleaning and painting of existing and new steel required for the Berwick Bay Bridge in Morgan City, LA. The bridge spans the Atchafalaya River and consists of three 607-ft riveted K-truss spans and forty-two (42) approach spans. Mr. Schoenecker serves as the Project Manager for this project.				
04/22 - Ongoing	Parkersburg Memorial Toll Bridge Cleaning and Painting CE&I United Bridge Partners Mr. Swartz is responsible for overseeing the on-site AMPP certified coating inspector team performing QA inspection for the cleaning and painting of the 2,100’ steel truss bridge over the Ohio River. Mr. Schoenecker serves as the Project Manager for this project.				
01/22 - Ongoing	Huey P. Long Bridge Cleaning and Painting (Segment 8), Jefferson Parish, LA NOPBRR The project provided for the development of contract plans and specifications for the cleaning and painting of the proposed Segment 8 of the Huey P Long Mississippi River Bridge. This segment of the bridge consists of the railroad east approach towers and girder spans from Bent 36E to 61E and excludes the new girder spans between Bents 45A and 49A which were newly repainted during the widening project railroad modifications. The railroad girder top flange surfaces that are under and between the railroad ties will be excluded from required cleaning and painting. The railroad walkway plates and railings are also excluded. Metalwork repairs will be included to disconnect tower top lateral connections to the underside of the girder bottom flanges to allow for cleaning and removal of pack rust and cleaning and painting and adding spacing plates and new fasteners to restore the connection. Construction support including on-site inspection services as well as environmental monitoring services are being provided for the duration of the construction activities. Mr. Schoenecker serves as the Project Manager for this project.				
4/19 – Ongoing	US 90 Atchafalaya River Bridge Rehab, St. Mary Parish, LA LADOTD This project involves the complete removal and disposal of existing coatings and total painting of all main span structural metalwork including entire truss and bearings from Pier W2 to Pier E2 of the structure. M&M performed all of the painting inspection and environmental monitoring services during the project. Mr. Schoenecker served as the project manager for the CE&I services.				
4/18 - 4/21	Lapalco Double Leaf Bascule Bridge Rehabilitation Jefferson Parish Dept of Engineering (2018-2021) The Lapalco Boulevard Bridge over the Harvey Canal is a four-lane highway bridge. The main bridge portion of the Lapalco Boulevard Bridge is a welded plate girder, double leaf, trunnion type bascule with an open grid deck. The approach spans are comprised of steel girder spans and concrete girder spans with concrete decks, and concrete slab spans with curtain walls. Modjeski and Masters performed an in-depth inspection of				

	structural, mechanical and electrical components and approach spans including a coatings inspection of the steel metalwork. M&M developed structural, mechanical and electrical contract documents for the rehabilitation of the bridge, including span touch-up painting, and provided Construction Engineering and Inspection services for the duration of the repairs. Mr. Schoenecker was the lead structural engineer and project manager for the plans and specifications and was the project manager for the CE&I services.
4/20 - 2/21	St. Claude Strauss Trunnion Bascule Rehabilitation. New Orleans, Louisiana Port of New Orleans This project includes mechanical and structural rehabilitation of the St. Claude Avenue Bridge over the IH-NC in New Orleans, LA. M&M is preparing bid documents and providing construction monitoring and inspection services for the repair of the 1st Link Joints, the Counterweight Links, and the Main Trunnions of the St. Claude Avenue Bridge. Mr. Schoenecker served as the Project Manager for this project.
5/16 – 6/23	H.011705.6 US 11 Lake Pontchartrain Bridge Rehabilitation Phase 2, New Orleans, LA M&M led a team providing structural, mechanical, electrical, and architectural rehabilitation services to extend the service life of the North and South bascule spans. This project also involved the complete removal and disposal of existing coatings and total painting of all steel on the North and South Draw Bascule Spans. M&M performed all of the painting inspection and environmental monitoring services. Mr. Schoenecker was the project manager for this project.
11/18 - 12/20	Bonnet Carre Trestle Bridge Replacement- CE&I. Laplace, Louisiana Canadian National Railway The existing bridge was one of three railroad crossings and a highway crossing that were built in 1934 to accommodate the construction of the Bonnet Carre Spillway. The trestle is 11,753 feet long and was opened to rail traffic in 1934. The superstructure is ballast deck timber trestle with the exception of 13 concrete fire breaks, five (5) concrete DVB spans, one (1) steel beam span and five (5) steel TPG spans. The replacement structure was designed on an offset alignment for an overall new length of 11,711' with a horizontal offset of approximately 50' east, with an exception near each end of the bridge where the alignment will transition back close to the existing track in order to utilize the old approach embankments. The new construction is precast concrete design with the superstructure composed of PPC DVB spans and the substructure consists of 1,139 24" square precast prestressed concrete piles supporting two (2) precast abutment caps with precast backwalls and 299 precast pier caps for 3, 4 and 6-pile piers. Modjeski and Masters provided professional CE&I services for the bridge replacement. These services included providing an on-site resident engineer with responsibility for daily construction inspection. Other specialized personnel was provided as needed to manage, inspect, test and otherwise oversee tasks involved with this project. Mr. Schoenecker served as the Project Manager for this project.
10/18 - 4/19	Sunshine Bridge Emergency Inspection and Repairs. Donaldsonville, LA LADOTD In 2018, a barge mounted crane was traveling upstream in the western most channel of the river. The crane's height exceeded the vertical clearance of the span, and the back-stay of the crane impacted the downstream bottom chord of the truss. The impact caused significant damage to a bottom chord member, tearing off the bottom plate of the box member and inducing severe out of plane distortion. The member in question was a primary load path compression member, designed to carry 1,700 kips of dead load. LADOTD closed the bridge immediately and began the task of investigation and repair. Modjeski and Masters, Inc. (M&M) was selected as the lead consultant for bridge repairs. After closing the bridge directly after the incident, LADOTD engaged M&M to perform an emergency hands-on inspection using technical rope access techniques. The inspection team documented the primary damaged member as well as a host of other damaged elements, including bottom laterals, stringer bearings, and gusset plates. Technical rope access was critical in locating and documenting all damaged bridge elements. M&M also provided construction engineering and inspection of the repair efforts. Mr. Schoenecker served as the Project Manager for the CE&I portion of the project.

16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.					
Name	Bryan E. Swartz, NACE		Years of relevant experience with this employer		17
Title	Coatings Manager		Years of relevant experience with other employer(s)		6
Degree(s) / Years / Specialization		High School 1999			
Active registration number / state / expiration date		NACE Certified Coating Inspector No. 10929 NBIS Certified, Work Zone Training Compliant SSPC C-3 and C-5 Refresher			
Year registered		Discipline			
Contract role(s) / brief description of responsibilities					
Mr. Swartz joined Modjeski and Masters in 2004 and is a Senior Technician in the Field Service Business Unit specializing in bridge coatings. Since joining M&M, Mr. Swartz has performed coating inspection/assessment on bridges in 10 states. He has been the lead coating inspector on highway and railroad steel truss bridge cleaning and painting projects over the Mississippi and Ohio Rivers. Mr. Swartz has been a part of project development for bridge cleaning and painting projects and has developed cleaning and painting plans and specifications for other steel structures such as the Green Bank Telescope. He has assisted other M&M staff with submittal review and RFI response on coating portions of bridge projects and has provided training to other coating inspectors. He has performed coating inspection and assessments of coatings and prepared reports to owners on numerous highway and railroad steel bridges and on the Green Bank Telescope. In January 2023, Mr. Swartz was promoted to oversee the M&M coatings group.					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
11/22 - Ongoing	LA 182: Berwick Bay Bridge Rehabilitation, St. Mary Parish, LA LADOTD This project involves the QA painting inspection and environmental monitoring of lead paint removal, cleaning and painting of existing and new steel required for the Berwick Bay Bridge in Morgan City, LA. The bridge spans the Atchafalaya River and consists of three 607-ft riveted K-truss spans and forty-two (42) approach spans. Mr. Swartz’s duties include reviewing all QA inspection daily and weekly reports, monthly estimates for work completed by the contractor, and attending progress meetings. Mr. Swartz reviewed and approved contractor submittals prior to construction and provides RFI review and guidance to LADOTD during construction				
05/21 - Ongoing	Parkersburg Memorial Toll Bridge Cleaning and Painting CE&I United Bridge Partners Mr. Swartz is responsible for overseeing the on-site AMPP certified coating inspector team performing QA inspection for the cleaning and painting of the 2,100’ steel truss bridge over the Ohio River. Mr. Swartz’s duties include reviewing all QA inspection daily and weekly reports, monthly estimates for work completed by the contractor, and attending progress meetings. Mr. Swartz reviewed and approved contractor submittals prior to construction and provides RFI review and guidance to UBP during construction. He also provided engineering services to prepare the contract plans and specifications for the cleaning and painting of the main bridge metalwork, the approach metalwork and cleaning and painting of the concrete substructure.				
01/21 - Ongoing	Huey P. Long Bridge Cleaning and Painting (Segment 8), Jefferson Parish, LA NOPBRR The project provided for the development of contract plans and specifications for the cleaning and painting of the proposed Segment 8 of the Huey P Long Mississippi River Bridge. This segment of the bridge consists of the railroad east approach towers and girder spans from Bent 36E to 61E and excludes the new girder spans between Bents 45A and 49A which were newly repainted during the widening project railroad modifications. The railroad girder top flange surfaces that are under and between the railroad ties will be excluded from required cleaning and painting. The railroad walkway plates and railings are also excluded. Metalwork repairs will be included to disconnect tower top lateral connections to the underside of the girder bottom flanges to allow for cleaning and removal of pack rust and cleaning and painting and adding spacing plates and new fasteners to restore the connection. Construction support including on-site inspection services as well as environmental monitoring services are being provided for the				

	duration of the construction activities. Mr. Swartz is responsible for Quality Assurance inspection for the cleaning and painting of the elevated railroad bridge. Mr. Swartz's duties included QA inspection of all cleaning and painting activities, preparing daily and weekly reports, preparing monthly estimates for work completed by the contractor, verifying contractor compliance with the contract plans and specification, and attending progress meetings. Mr. Swartz reviewed and approved contractor submittals prior to construction and provides RFI review and guidance to NOPBRR during construction. He also provided engineering services to prepare the contract plans and specifications for the cleaning and painting of bridge metalwork.
1/19 – 4/20	H.011705.6 US 11 Lake Pontchartrain Bridge Rehabilitation Phase 2, New Orleans, LA M&M led a team providing structural, mechanical, electrical, and architectural rehabilitation services to extend the service life of the North and South bascule spans. This project also involved the complete removal and disposal of existing coatings and total painting of all steel on the North and South Draw Bascule Spans. M&M performed all of the painting inspection and environmental monitoring services. Mr. Swartz was responsible for QA inspection of all cleaning and repainting operations of all metalwork and the cleaning and coating of concrete structures new and existing. He reviewed of all contractors coating related submittals and RFI's, preparation of monthly estimates and daily and weekly reports for the LADOTD Project Engineer. He led the coordination with M&M environmental subconsultant for monitoring and waste handling and worker protection.
8/2012 – 5/2013 2/2015 – 1/2018	H.000343 US 190 Huey P. Long Bridge Construction Engineering & Inspection, Baton Rouge, LA. This project provided construction engineering and inspection services for the through truss cantilever bridge that carries US 190, as well as one rail line over the Mississippi River in Baton Rouge, LA. Due to past emissions from nearby chemical plants, the lead painted steel bridge has experienced significant corrosion issues. The 12,000+ foot bridge was in need of several repairs such as replacing elements in the steel approach and main spans, repairing navigation lighting, constructing retaining walls, placing guard rail, and repairing pavement. M&M is also providing project administration, paint inspection, as well as environmental monitoring services during construction. The construction project consists of structural repair, cleaning and painting of the steel superstructure. Mr. Swartz provided construction inspection services for the repainting of this bridge.
11/2015 – 5/2017	H.010636 US 90 Over Mississippi River (GNO 2) Structural Repairs and Spot-Painting, New Orleans, LA M&M prepared plans for the repair and zone blast cleaning / repainting of the Greater New Orleans Bridge No. 2 main bridge unit. Plans were also prepared for the repair of miscellaneous structural items. As the lead coatings inspector, Mr. Swartz provided Quality Assurance for the cleaning and painting portion of the project. This included QA inspection of cleaning and painting activities, preparing daily and weekly reports, preparing monthly estimates for work completed by the contractor, and verifying contractor compliance with the contract plans and specification.
8/2016 - 5/2017	H.011482 US 90 Huey P. Long Bridge Cleaning and Painting (Segment 7), Jefferson Parish, LA The project provided for the development of plans and specifications for the removal of lead paint and the recoating of the original bridge trusses and bracing above bridge deck level. CE&I services and a Level 4 Transportation Management Plan were provided. Mr. Swartz assisted in developing the plans and specifications for this project. Mr. Swartz also provided Quality Assurance for the cleaning and painting portion of the project. This included QA inspection of cleaning and painting activities, preparing daily and weekly reports, preparing monthly estimates for work completed by the contractor, and verifying contractor compliance with the contract plans and specification.
4/2015 - 6/2016	H.009326.6 I-10/I-610 Bridge Repairs and Painting, Orleans, St. Charles and St. John Parishes The project provided for the complete cleaning and removal of existing lead based paint, application of new paint, and disposal of material in steel spans in the I-10/I-610 bridge near New Orleans, LA. Along with its sub-consultant KGC Environmental Services, Inc., M&M provided CE&I services to perform all painting inspection and environmental monitoring services. Mr. Swartz was the Lead Coating Inspector for this project.
4/2004 - 2/2005 2/2005 - 6/2006 8/2006 - 2/2008 8/2016 - 5/2017	US 90 Huey P. Long Bridge (multiple segments 2, 3, 4 and 5), Jefferson Parish, New Orleans Public Belt Railroad Modjeski and Masters provided CE&I services for the blast cleaning, removal of lead based coatings, and repainting of various segments of the Huey P. Long Bridge. Mr. Swartz provided inspection of surface preparation and coating application for over two miles of elevated steel trestle and deck truss spans of the main bridge.
7/2007 – 2/2009	S. P. 700-36-0190 Repainting Claiborne Interchange and Construction Monitoring, New Orleans, LA This project involves performing the construction inspection services and environmental monitoring for the lead based paint removal and repainting of the US 90 Bus / Claiborne Avenue Interchange. Mr. Swartz provided inspection of surface preparation and coating application for this project.

16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.					
Name	Michael J. Beitzel, NACE		Years of relevant experience with this employer		49
Title	Coatings Technical Advisor		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		UNO Civil Engineering (part-time) 1972-1981			
Active registration number / state / expiration date		NACE Certified Coating Inspector No. 5982 NACE Corrosion Technician No. 5972 NBIS Certified SSPC C-3 and C-5 Refresher Work Zone Training compliant 1986 NICET Level IV No. 071944 SSPC Member No. 000310			
Year registered		Discipline			
Contract role(s) / brief description of responsibilities					
<p>Mr. Beitzel has worked in the Field Services Section of Modjeski and Masters, Inc. since 1974. He has experience in the inspection and evaluation of both fixed and movable bridges for highways and railroads. He has routinely assisted in matters pertaining to operations problems with movable bridges over many years. He has performed numerous bridge inspections/evaluations and has overseen rehabilitating work on a number of bridges.</p> <p>Mr. Beitzel was one of the very first persons nationwide to become a NICET IV Engineering Technician in the field of Bridge Safety Inspection. As such, he has participated in and has led inspection teams in the inspection of many bridges of all types including large Mississippi River Bridges. Mr. Beitzel is also a NACE Certified Coating Inspector with more than 49 years experience in the inspection, plan and specification development for coating of bridges. He has conducted numerous bridge coating condition assessments and is M&M's Coating Technical Advisor.</p>					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
4/2019 – Ongoing	<p>US 90 Atchafalaya River Bridge Rehab, St. Mary Parish, LA</p> <p>This project involves the complete removal and disposal of existing coatings and total painting of all main span structural metalwork including entire truss and bearings from Pier W2 to Pier E2 of the structure. M&M performed all of the painting inspection and supervised environmental monitoring services during the project. Mr. Beitzel oversaw the construction engineering and inspection services for the coating of this bridge, provided QA services and mentoring to the field staff.</p>				
10/2018 – 3/2022	<p>H.011705.6 US 11 Lake Pontchartrain Bridge Rehabilitation Phase 2, New Orleans, LA</p> <p>M&M led a team providing structural, mechanical, electrical, and architectural rehabilitation services to extend the service life of the North and South bascule spans. This project also involved the complete removal and disposal of existing coatings and total painting of all steel on the North and South Draw Bascule Spans. M&M performed all of the painting inspection and environmental monitoring services. Mr. Beitzel oversaw the construction engineering and inspection services for the coating of this bridge, provided QA services and mentoring to the field staff.</p>				
8/2012 – 4/2018	<p>US 190 Huey P. Long Bridge Construction Engineering & Inspection (Cleaning, Painting, Repairs [Phases I and 2]), Baton Rouge, LA.</p> <p>This project provided construction engineering and inspection services for the through truss cantilever bridge that carries US 190, as well as one rail line over the Mississippi River in Baton Rouge, LA The 12,000+ foot bridge was in need of several repairs such as replacing elements in the steel approach and main spans, repairing navigation lighting, constructing retaining walls, placing guard rail, and repairing pavement. M&M also provided project administration, paint inspection, as well as environmental monitoring services during construction. The construction project consisted of structural repair, cleaning and painting of the steel superstructure. Mr. Beitzel oversaw the construction engineering and inspection services for the repainting of this bridge, provided QA services and mentoring to the field staff.</p>				

4/2015 – 3/2018	<p>H.011482 Huey P. Long Bridge Cleaning and Painting – Segment 7, Jefferson Parish, LA</p> <p>The Huey P. Long Bridge is a high-level, combination highway and railroad truss bridge which crosses the Mississippi River in New Orleans, Louisiana and is part of the complex urban freeway system in the area. The total structure length, including approaches, is approximately 23,000 ft. The project consisted of the development of plans and specifications for the removal of lead paint and the recoating of the original bridge trusses and bracing above bridge deck level. CE&I services and a Level 4 Transportation Management Plan were provided. Mr. Beitzel developed the plans and specifications for the project and provided QA oversight for CE&I services.</p>
10/2015 –4/2018	<p>H.010636 US 90 Over Mississippi River (GNO 2) Structural Repairs and Spot-Painting, New Orleans, LA</p> <p>M&M prepared plans for the repair and repainting of the Greater New Orleans Bridge No. 2 main bridge unit. Plans were also prepared for the repair of miscellaneous structural metalwork. Mr. Beitzel developed the plans and specifications for the repainting of the bridge and oversaw the construction engineering and inspection services for this project.</p>
4/2015 – 6/2016	<p>H.009326.6 I-10/I-610 Bridge Repairs and Painting, Orleans, St. Charles and St. John Parishes, LA</p> <p>The project provided for the complete cleaning and removal of existing lead based paint, application of new paint, and disposal of material in steel spans in the I-10/I-610 bridge near New Orleans, LA. Along with its sub-consultant KGC Environmental Services, Inc., M&M provided CE&I services to perform all painting inspection and environmental monitoring services. Mr. Beitzel provided QA oversight for the CE&I services.</p>
5/2012 – 3/2015	<p>H.003028.5 Repaint I-10 Mississippi River Bridge West Approach, Baton Rouge, LA</p> <p>This Project provided for sampling of existing paint coatings and site detailing for the preparation of plans and specifications for the repainting of the bridge west approach. A significant feature of this project was avoiding closure of any I-10 lanes. Mr. Beitzel oversaw the existing sampling of site conditions and developed the plans and specification for the repainting of this bridge.</p>
3/2012 - 1/2014	<p>US 90 Huey P Long Bridge Cleaning and Painting (Segment 6), Jefferson Parish, LA Public Belt Railroad</p> <p>This project calls for plan preparation and field CE&I services to the Public Belt Railroad for the cleaning and repainting of the railroad floor system and original bottom chords of this high-level, combination highway and railroad bridge. Mr. Beitzel developed the plans and specifications for the project and provided QA oversight for the CE&I services.</p>
3/2012 - 7/2014	<p>H.009104.6 LA 70 Mississippi River Bridge Phase II - Main Bridge, Donaldsonville, LA.</p> <p>Completed in 1963, the Sunshine Bridge is a cantilever bridge over the Mississippi River that carries LA 70, which connects Donaldsonville on the west bank of Ascension Parish with Sorrento on the east bank of Ascension Parish. M&M prepared preliminary and final plans for the rehabilitation of the main span of the Sunshine Bridge. The rehabilitation included the total removal of the existing coatings, cleaning and repainting of all the steel components on the main truss span and plans to repair the bottom chord connections, main truss gusset plates, roller bearings, safety handrail cables and handrail posts. The existing coatings were also tested for lead, chromium and other toxic metals. Mr. Beitzel developed the plans and specifications and performed construction support services necessary for the repainting of the bridge.</p>
1/2011 – 2/2012	<p>H.004890.5 LA 70 Mississippi River Bridge Phase I - Approaches, Donaldsonville, LA.</p> <p>This project started with the sampling of existing paint coatings, air and ground for use in developing project special provisions for the overall repainting of the approaches. The project also involved the performance of complete cleaning and painting all structural metalwork of both the bridge approaches and miscellaneous metalwork repairs. Mr. Beitzel oversaw the existing sampling of site conditions, developed the plans and specification for the repainting of this bridge.</p>
5/2001 – 7/2004	<p>S.P 451-09-0015 I-20 Mississippi River (Vicksburg) Cleaning and Painting, Vicksburg, LA</p> <p>The Vicksburg Bridge is an Interstate highway bridge built in 1973 that carries I-20 over the Mississippi River. The main bridge is a steel cantilever through truss. The approaches consist of three simple through truss spans and three steel girder spans on the west side and one simple through truss span and two steel girder spans on the east side. The center span of the main bridge is 870 feet long and its vertical clearance is 60 feet from high water elevation. The total length of the bridge and its approaches are approximately 4,190 feet and is estimated to have approximately 1,300,000 square feet of surface area to be cleaned and painted. The project consisted of blast cleaning the lead coated metalwork to near white metal followed by stripe coating and full prime, intermediate and top-coating using the LADOTD standard water-borne acrylic coating system. Mr. Beitzel provided field monitoring of lead paint removal and superstructure metalwork repainting and inspection/administration of all cleaning and painting operations.</p>

16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.					
Name	Scott C. Gordon, NACE		Years of relevant experience with this employer		23
Title	Senior Technician		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		High School			1995
Active registration number / state / expiration date		NACE Certified Coating Inspector No. 8115 NBIS Certified, Work Zone Training Compliant SSPC C-3 and C-5 Refresher ASNT Level II			
Year registered		Discipline			
Contract role(s) / brief description of responsibilities Mr. Gordon joined Modjeski and Masters, Inc. in 2000 as an Engineer Technician. He has participated as an inspection team member for the inspections of several highway and railway bridges of various types. Many of the bridges have been inspected over multiple years. In addition, he has vast experience with coatings inspections of bridges. Mr. Gordon is qualified as bridge inspector per NBIS standards. He satisfactorily completed the National Highway Institute “Safety Inspection of In-Service Bridges” course. He has also received coatings training and is a NACE Certified Level III Coating Inspection Technician.					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
05/23 - Ongoing	LA 182: Berwick Bay Bridge Rehabilitation, St. Mary Parish, LA LADOTD This project involves the QA painting inspection and environmental monitoring of lead paint removal, cleaning and painting of existing and new steel required for the Berwick Bay Bridge in Morgan City, LA. The bridge spans the Atchafalaya River and consists of three 607-ft riveted K-truss spans and forty-two (42) approach spans. Mr. Gordon is providing coatings CE&I services.				
01/22 - Ongoing	Huey P. Long Bridge Cleaning and Painting (Segment 8), Jefferson Parish, LA NOPBRR The project provided for the development of contract plans and specifications for the cleaning and painting of the proposed Segment 8 of the Huey P Long Mississippi River Bridge. This segment of the bridge consists of the railroad east approach towers and girder spans from Bent 36E to 61E and excludes the new girder spans between Bents 45A and 49A which were newly repainted during the widening project railroad modifications. The railroad girder top flange surfaces that are under and between the railroad ties will be excluded from required cleaning and painting. The railroad walkway plates and railings are also excluded. Metalwork repairs will be included to disconnect tower top lateral connections to the underside of the girder bottom flanges to allow for cleaning and removal of pack rust and cleaning and painting and adding spacing plates and new fasteners to restore the connection. Construction support including on-site inspection services as well as environmental monitoring services are being provided for the duration of the construction activities. Mr. Gordon is providing Coatings CE&I services.				
1/19 – 1/22	H.011705.6 US 11 Lake Pontchartrain Bridge Rehabilitation Phase 2, New Orleans, LA M&M led a team providing structural, mechanical, electrical, and architectural rehabilitation services to extend the service life of the North and South bascule spans. This project also involved the complete removal and disposal of existing coatings and total painting of all steel on the North and South Draw Bascule Spans. M&M performed all of the painting inspection and environmental monitoring services. Mr. Gordon provided Coatings CE&I services.				
11/18 - 12/20	Bonnet Carre Trestle Bridge Replacement- CE&I. Laplace, Louisiana Canadian National Railway The existing bridge was one of three railroad crossings and a highway crossing that were built in 1934 to accommodate the construction of the Bonnet Carre Spillway. The trestle is 11,753 feet long and was opened to rail traffic in 1934. The superstructure is ballast deck timber				

	<p>trestle with the exception of 13 concrete fire breaks, five (5) concrete DVB spans, one (1) steel beam span and five (5) steel TPG spans. The replacement structure was designed on an offset alignment for an overall new length of 11,711' with a horizontal offset of approximately 50' east, with an exception near each end of the bridge where the alignment will transition back close to the existing track in order to utilize the old approach embankments. The new construction is precast concrete design with the superstructure composed of PPC DVB spans and the substructure consists of 1,139 24" square precast prestressed concrete piles supporting two (2) precast abutment caps with precast backwalls and 299 precast pier caps for 3, 4 and 6-pile piers. Modjeski and Masters provided professional CE&I services for the bridge replacement. These services included providing an on-site resident engineer with responsibility for daily construction inspection. Other specialized personnel was provided as needed to manage, inspect, test and otherwise oversee tasks involved with this project. Mr. Gordon provided construction monitoring and CE&I services for this project.</p>
11/15 – 5/17	<p>H.010636 US 90 Over Mississippi River (GNO 2) Structural Repairs and Spot-Painting, New Orleans, LA M&M prepared plans for the repair and zone blast cleaning / repainting of the Greater New Orleans Bridge No. 2 main bridge unit. Plans were also prepared for the repair of miscellaneous structural items. Mr. Gordon provided Coating CE&I services.</p>
8/12 – 6/18	<p>H.000343 US 190 Huey P. Long Bridge Construction Engineering & Inspection, Baton Rouge, LA. This project provided construction engineering and inspection services for the through truss cantilever bridge that carries US 190, as well as one rail line over the Mississippi River in Baton Rouge, LA. The 12,000+ foot bridge was in need of several repairs such as replacing elements in the steel approach and main spans, repairing navigation lighting, constructing retaining walls, placing guard rail, and repairing pavement. M&M is also providing project administration, paint inspection, as well as environmental monitoring services during construction. The construction project consists of structural repair, cleaning and painting of the steel superstructure. Mr. Gordon provided construction engineering and inspection services for the repainting of this bridge.</p>
4/15 – 4/18	<p>H.011482 Huey P. Long Bridge Cleaning and Painting – Segment 7, Jefferson Parish, LA The Huey P. Long Bridge is a high-level, combination highway and railroad truss bridge which crosses the Mississippi River in New Orleans, Louisiana and is part of the complex urban freeway system in the area. The total structure length, including approaches, is approximately 23,000 ft. The project consisted of the development of plans and specifications for the removal of lead paint and the recoating of the original bridge trusses and bracing above bridge deck level. CE&I services and a Level 4 Transportation Management Plan were provided. Mr. Gordon served as the lead coating inspector for this project.</p>
12/12 – 7/13	<p>US 90 Huey P Long Bridge Cleaning and Painting - Segment 6, Jefferson Parish, LA Public Belt Railroad This project calls for plan preparation and field CE&I services to the Public Belt Railroad for the cleaning and repainting of the railroad floor system and original bottom chords of this high-level, combination highway and railroad bridge. Mr. Gordon served as the lead coating inspector for this project.</p>
5/10 - 09/13	<p>Galveston Railroad Bridge - Construction Services, Galveston, TX This project provided for the replacement of the existing 115 ft. span Scherzer Rolling Lift Bascule bridge in the Galveston Bay Railroad Causeway with a 385 ft. simple truss vertical lift bridge. The replacement bridge is a single-track, open deck, simple through Warren Type truss span and provide 300 ft. of horizontal clearance and 73 ft. of vertical clearance over the Intracoastal Waterway. As the Assistant Resident Engineer, Mr. Gordon provided construction support services and CE&I as well as field coating inspections for this project.</p>
11/02 - 5/04	<p>US 90 Huey P. Long Bridge Segments 1 and 2, Jefferson Parish Public Belt Railroad Modjeski and Masters provided CE&I services for the blast cleaning, removal of lead based coatings, and repainting of various segments of the Huey P. Long Bridge. Mr. Gordon provided inspection of surface preparation and coating application for over two miles of elevated steel trestle and deck truss spans of the main bridge.</p>

16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.			
Name	John H. Coon, NACE	Years of relevant experience with this employer	10
Title	Senior Technician	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		Delgado Community College completed hazardous Waste Management and Fundamentals of Industrial Hygiene	
Active registration number / state / expiration date		NACE Certified Coating Inspector No. 10812 (Level 3 and Peer Review) SSPC C-3 Lead Supervisor SSPC C-5 Lead Refresher	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities NACE Certified Coatings Inspector			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/22 – Ongoing	Parkersburg Memorial Toll Bridge Cleaning and Painting CE&I United Bridge Partners Mr. Swartz is responsible for overseeing the on-site AMPP certified coating inspector team performing QA inspection for the cleaning and painting of the 2,100’ steel truss bridge over the Ohio River. Mr. Coon is a NACE Certified Coating Inspector for this project.		
4/2019 – Ongoing	US 90 Atchafalaya River Bridge Rehab, St. Mary Parish, LA This project involves the complete removal and disposal of existing coatings and total painting of all main span structural metalwork including entire truss and bearings from Pier W2 to Pier E2 of the structure. M&M performed all of the painting inspection and supervised environmental monitoring services during the project. Mr. Coon provided Coatings CE&I services.		
12/18 – 10/19	H.011705.6 US 11 Lake Pontchartrain Bridge Rehabilitation Phase 2, New Orleans, LA M&M led a team providing structural, mechanical, electrical, and architectural rehabilitation services to extend the service life of the North and South bascule spans. This project also involved the complete removal and disposal of existing coatings and total painting of all steel on the North and South Draw Bascule Spans. M&M performed all of the painting inspection and environmental monitoring services. Mr. Coon provided Coatings CE&I services.		
09/13 – 05/18	US 190 Huey P. Long Bridge Construction Engineering & Inspection (Cleaning, Painting, Repairs [Phases I and 2]), Baton Rouge, LA. This project provided construction engineering and inspection services for the through truss cantilever bridge that carries US 190, as well as one rail line over the Mississippi River in Baton Rouge, LA The 12,000+ foot bridge was in need of several repairs such as replacing elements in the steel approach and main spans, repairing navigation lighting, constructing retaining walls, placing guard rail, and repairing pavement. M&M also provided project administration, paint inspection, as well as environmental monitoring services during construction. The construction project consisted of structural repair, cleaning and painting of the steel superstructure. Mr. Coon was a NACE Certified Coatings Inspector for this project.		



16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.			
Name	Matthew J. Miller, PE	Years of relevant experience with this employer	12
Title	Project Manager – CE&I Group Leader	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	BS	2010	Civil Engineering
Active registration number / state / expiration date	39534	LA	9/30/2025
Year registered	2015	Discipline	Civil
Contract role(s) / brief description of responsibilities Mr. Miller joined M&M in 2011 and works in the firm’s Field Service Business Unit-Southeast Region, where he leads construction engineering and inspection efforts. Mr. Miller is experienced in bridge construction, construction contract administration, bridge inspection and repairs, and bridge emergency response. Mr. Miller has served as resident engineer and an assistant resident engineer on several highway and rail bridge construction projects and has served as lead field engineer for various bridge rehabilitation and repairs projects. As a NBIS-certified bridge inspector, Mr. Miller has been the team leader on numerous movable, long-span, steel, and timber bridge inspection projects. Most notably, Mr. Miller led the inspection of more than 1,300 steel bridges throughout Union Pacific Railroad’s entire track system, which covers 22 states west of the Mississippi River. In addition, Mr. Miller has also served as lead field engineer on railroad bridge emergency projects including structural and mechanical failure resulting from train derailments, natural disasters, marine vessel allisions, natural member deterioration, and construction errors.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
6/20 - 5/21	Cline Avenue Bridge Review, Analysis and Construction Support United Bridge Partners The Cline Avenue Bridge is 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 restores entrance into the Northwest Indiana area. 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 on-site presence for completion of construction of the 1.7 mile long segmental bridge. Mr. Miller served as the on-site resident engineer and project manager for this project.		
2/18 - 7/18	UPRR 305.45 Angleton Sub San Bernard Bridge. Sweeney, TX Union Pacific Railroad (2016-2018) M&M provided the design for a new vertical lift bridge that replaced an existing swing span bridge over the San Bernard River in the Angleton Subdivision of the Union Pacific Railroad. M&M coordinated with the UPRR to accommodate an accelerated construction schedule and provided construction support for the project. The new bridge was designed to be “remote control ready.” Mr. Miller served as the Assistant Resident Engineer and Chief Construction Inspector. Mr. Miller managed all aspects of the project’s construction engineering and inspection duties from the fabrication and erection phase through the bridge change out, commissioning and project close out phases. Mr. Miller took part in reviewing submittals and RFI’s, assisting Union Pacific Railroad with changes and disputes, and confirming that the as-built condition was in compliance with the plans and specifications.		



3/15 - 9/16	<p>St. Claude Avenue Bridge - Grating Replacement. New Orleans, Louisiana Port of New Orleans</p> <p>M&M prepared contract documents and provided construction monitoring for the replacement of the open grid deck on the outboard lanes of the St. Claude Avenue Bridge. The grid deck was approaching the end of its service life and replacement was warranted. M&M researched alternate available grid decks to select given the dimensions, capacity, design and connection details and weight. Mr. Miller performed CE&I Inspection on site as well as provided coordination with the Corps of Engineers and U.S. Coast Guard.</p>
10/14 - 9/15	<p>Seabrook Bridge - Roadway Removal & RR Repairs. New Orleans, Louisiana Port of New Orleans</p> <p>This project consisted of the removal of two 120-foot long roadways cantilevered from a single-leaf bascule bridge over the Inner Harbor Navigational Canal in New Orleans, LA. The roadways have been abandoned due to corrosion and over time have presented a safety concern. M&M performed engineering services for the design and preparation of plans, specifications and inspection services related to emergency repairs at the Seabrook Bridge, including removal of the roadways, rebalancing the movable span and railroad repairs. A full analysis of the bridge was completed to ensure structural integrity, and modifications are being made to the bridge counterweight and span to ensure balance during operation. Mr. Miller performed CE&I Inspection as well as led coordination efforts with the U.S. Coast Guard.</p>
1/12 - 9/15	<p>Lapalco Double Leaf Bascule Bridge Rehabilitation Jefferson Parish Dept of Engineering</p> <p>The Lapalco Boulevard Bridge over the Harvey Canal is a four-lane highway bridge. The main bridge portion of the Lapalco Boulevard Bridge is a welded plate girder, double leaf, trunnion type bascule with an open grid deck. The approach spans are comprised of steel girder spans and concrete girder spans with concrete decks, and concrete slab spans with curtain walls. Modjeski and Masters performed an in-depth inspection of structural, mechanical and electrical components and approach spans including a coatings inspection of the steel metalwork. M&M developed structural, mechanical and electrical contract documents for the rehabilitation of the bridge, including span touch-up painting, and provided Construction Engineering and Inspection services for the duration of the repairs. Mr. Miller assisted with the CE&I services and conformance with the permits.</p>
7/12 - 11/13	<p>Tombigbee River Bridge Replacement of Counterweight Ropes. Jackson, AL Norfolk Southern Corp.</p> <p>M&M prepared plans and specifications for securing new counterweight ropes on the Tombigbee River Bridge owned by Norfolk Southern. Separate plans and specifications were also developed for the installation. M&M also oversaw the construction efforts and provided observation of the tension testing of the ropes at the mill. Mr. Miller prepared the specifications for the counterweight and operating cable replacement. He assisted in the preparation of construction plans and was the Chief Field Inspector during the construction phase of the project. Mr. Miller also coordinated with the U.S. Coast Guard for permitting purposes.</p>

16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.					
Name	James W.H. Costigan, PE		Years of relevant experience with this employer		8
Title	Field Services Engineer		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		BS	2015		Civil Engineering
Active registration number / state / expiration date		44328	LA		9/30/2024
Year registered	2020	Discipline	Civil		
Contract role(s) / brief description of responsibilities					
<p>Mr. Costigan joined M&M in 2015 and is a structural engineer in the Field Service Business Unit. Mr. Costigan has worked on bridges in 20 states, four countries, and three continents and has worked on 11 bridges spanning the Mississippi River. His experience includes highway and railroad large river and movable bridge inspection, design and construction monitoring. He has been the resident engineer on a highway bascule bridge roadway grating replacement project, a railroad bascule bridge floor system replacement project, and a railroad bascule bridge link pin replacement project, a Mississippi River bridge vessel allision damage repair project, and a transfer table construction project. He has also taken the role as a field liaison to the design team during the construction of two 800' basket handled arches over the Mississippi River at the Iowa-Illinois border. Mr. Costigan has assisted in the design of a new bridge fender system, railroad steel bridge bearing and primary member repair design, and many other bridge repair designs. Mr. Costigan has assisted in the design of the rehabilitation of structural components for a major project on a bascule bridge in Louisiana, and provided quantity estimates for a new bascule bridge in Massachusetts. Mr Costigan is a FHWA Certified Bridge Inspector and is a Inspection Team Leader, actively participates in Modjeski and Master's Technical Access Program as a Supervisor and is trained as a Society of Professional Rope Access Technicians Level 2 Rope Access Technician.</p>					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
02/23 – 08/23	<p>St. Claude Strauss Trunnion Bascule Rehabilitation. New Orleans, Louisiana Board Of Comm., Port Of New Orleans</p> <p>This project includes mechanical and structural rehabilitation of the St. Claude Avenue Bridge over the IH-NC in New Orleans, LA. M&M prepared bid documents and providing construction monitoring and inspection services for the repair of the 2nd Link Pin of the St. Claude Avenue Bridge. Mr. Costigan was the Inspector for the St. Claude Bascule Bridge 2nd Link Joint Rehabilitation project, serving as the main point of contact between the Owner, the Contractor, and the Engineer throughout construction. Mr. Costigan oversaw construction operations, performed hands-on inspection, assisted in submittal reviews, coordinated RFI Responses, attended progress meetings, and processed project documentation including Contractor pay applications, change orders, and close-out documents.</p>				
08/21 – 12/21	<p>UPRR Br. 697.82 Tucumcari Repairs. Tucumcari, NM Union Pacific Railroad</p> <p>M&M provided design repair details for Defect #41 in the UPRR bridge book. Repairs consist of the replacement of a tower cap plate, and design of a span jacking procedure to replace a deteriorated and deformed tower cap plate. Mr. Costigan was responsible for procurement of the design calculations for the repair as well as the repair planning and detailing.</p>				
7/19 - 4/21	<p>I-74 Mississippi River Bridge Arch Design and Construction. Bettendorf, Iowa and Moline IDOT / IIDOT</p> <p>The I-74 corridor in the Quad Cities is approximately seven miles long and crosses the Mississippi River between Bettendorf, Iowa and Moline, Illinois. A new I-74 river crossing was recommended and a basket handle true arch bridge was chosen for the crossing. M&M, as part of the Alfred Benesch team, was chosen to develop the bridge design criteria with emphasis on LRFD; develop arch superstructure and grade separation design; and perform peer review of arch substructure design. M&M also provided construction related engineering</p>				

	<p>support by responding to RFIs & Shop Drawings, performing site visits, and attending meetings with the clients and/or the Contractor. Mr. Costigan served as a liaison to the design team providing a link for communication between the construction engineers, inspectors, and client during arch erection. Mr. Costigan represented Modjeski and Masters during weekly progress meetings and other task force meetings throughout the project.</p>
7/19 - 10/19	<p>UPRR West Colton Turntable Replacement. Los Angeles, CA Union Pacific Railroad M&M provided plans and specifications for the replacement of the West Colton diesel shop transfer table in Los Angeles, CA. The project included structural, mechanical and electrical work. Mr. Costigan was responsible for the on site shop construction engineering and inspection for the fabrication and erection of the transfer table. This work included structural and mechanical fabrication, and structural and mechanical erection. Mr. Costigan was responsible for submittal review, RFI review, daily and weekly reports, and overall project documentation.</p>
10/18 - 2/19	<p>Sunshine Bridge Emergency Inspection and Repairs. Donaldsonville, LA LADOTD In 2018, a barge mounted crane was traveling upstream in the western most channel of the river. The crane's height exceeded the vertical clearance of the span, and the back-stay of the crane impacted the downstream bottom chord of the truss. The impact caused significant damage to a bottom chord member, tearing off the bottom plate of the box member and inducing severe out of plane distortion. The member in question was a primary load path compression member, designed to carry 1,700 kips of dead load. LADOTD closed the bridge immediately and began the task of investigation and repair. Modjeski and Masters, Inc. (M&M) was selected as the lead consultant for bridge repairs. After closing the bridge directly after the incident, LADOTD engaged M&M to perform an emergency hands-on inspection using technical rope access techniques. The inspection team documented the primary damaged member as well as a host of other damaged elements, including bottom laterals, stringer bearings, and gusset plates. Technical rope access was critical in locating and documenting all damaged bridge elements. Mr. Costigan was responsible for the construction engineering and inspection of the damage repair work. This work involved truss jacking, heat straightening, chord metalwork replacement, truss bottom lateral replacement, and miscellaneous hardware replacement. Mr. Costigan was also responsible for submittal review, document compilation, daily and weekly reports, and as-built drawing review.</p>
11/16 – 09/18	<p>Seabrook Bridge Floor System Replacement & Link Pin Joints Emergency. New Orleans, LA Board Of Comm., Port of New Orleans. M&M prepared the plans and specifications to replace the railroad floor system between the trusses of the Seabrook Railroad Bridge for the Port of New Orleans as well as emergency repair plans for the 1st and 2nd link pins. M&M also developed the sequence of construction to minimize the impacts to the rail and marine traffic as well as maintain the span balance throughout construction. Mr. Costigan was the Resident Structural Engineer. During this project, Mr. Costigan monitored and oversaw construction, assisted in submittal reviews, wrote RFI Responses, attended progress meetings, wrote and reviewed punch lists, lead the project final walkdown, and reviewed project close-out documents.</p>
4/16 - 1/17	<p>St. Claude Avenue Bridge - Grating Replacement. New Orleans, Louisiana Port of New Orleans M&M prepared contract documents and provided construction monitoring for the replacement of the open grid deck on the outboard lanes of the St. Claude Avenue Bridge. The grid deck was approaching the end of its service life and replacement was warranted. M&M researched alternate available grid decks to select given the dimensions, capacity, design and connection details and weight. Mr. Costigan was the Resident Structural Engineer. During this project, Mr. Costigan monitored and oversaw construction, reviewed submittals, wrote RFI Responses, attended progress meetings, wrote and reviewed punch lists, lead the project final walkdown, and reviewed project close-out documents and pay estimates.</p>

16. Staff Experience:

Firm employed by KGC Environmental Services, Inc.			
Name	Kevin Guth, DrPH, CIH, PMP	Years of relevant experience with this employer	27
Title	Principal	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		Doctor of Public Health (DrPH) 2020 - Chemical Risk Assessment/Toxicology University of South Florida Master of Science in Public Health (MSPH) - 1996 Industrial Lead Based Paint Tulane University - School of Public Health and Tropical Medicine	
Active registration number / state / expiration date		ABIH Certification No. 10438 / 6/24 NACE - Coatings, Level 1 23834/ 7/24	
Year registered	2018/ 2013 / 2009	Discipline	Certified Industrial Hygienist
Contract role(s) / brief description of responsibilities		Environmental Project Manager (Certified Industrial Hygienist) - Kevin will provide leadership and oversight of all aspects of the environmental monitoring on the project. He will lead the environmental scope areas that include project management, coordination, and project reporting. Kevin will provide quality assurance oversight of all environmental testing to ensure legally defensible data.	
Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Relevant Experience for all projects reported	Kevin has worked in the field and managed over 200 painting and industrial lead-based removal projects as an environmental project manager. He has worked on 24 separate LADOTD repainting and rehabilitation in addition to many other Departments of Transportation, US Army Corps of Engineers, and private railroad projects since 1998 that included environmental oversight, implementation, and development of lead abatement plans for steel bridges. Kevin renewed his SSPC C-5 certificate in July of 2021. Kevin is a recognized expert in Industrial Lead Based Removal from complex steel structures having been certified in New Orleans Civil Court testifying on proper containment methods necessary to prevent adverse environmental impact during industrial lead-based paint removal. Kevin has published several peer reviewed articles regarding lead exposures and ventilation flow rates that provide utility in the management of LADOTD repainting projects. He is a regular contributor (writer) on SSPC’s website Paint Square where he has discussed topics applicable to LADOTD jobs such as proper ventilation on paint removal projects and the utility of pre and post job soil samples.		
4/19- 10/22	LADOTD No. H.009461, US 90 Atchafalaya River Bridge Rehabilitation Principal/Environmental Project Manager performing the same environmental scope as this RFP.		
10/20-11/21	LADOTD No. H.011485, LA 336-1 – Bayou Teche Bridge Rehabilitation Principal/Environmental Project Manager performing the same environmental scope as this RFP.		

2/18-8/19	LADOTD No. H.00946.6, Route I-10 Clean, Paint and Miscellaneous Repairs Principal/Environmental Project Manager performing the same environmental scope as this RFP.
12/17-8/18	LADOTD No.H.003263.6, I-20: Overpass Rehabilitation (Bossier City) Principal/Environmental Project Manager performing the same environmental scope as this RFP.
8/16-10/17	LADOTD No. H.011482, US 90 Huey P. Long Bridge Clean and Paint Principal/Environmental Project Manager performing the same environmental scope as this RFP.
12/15-6/17	LADOTD No. H.010636, US 90 Over Mississippi River Bridge (GNO2) Structural Repairs and Spot Painting Principal/Environmental Project Manager performing the same environmental scope as this RFP.
5/15-1/16	LADOTD No. H.009326, I-10 & 610: Bridge Deck Patching, Girder Painting & Misc. Repairs Principal/Environmental Project Manager performing the same environmental scope as this RFP.
7/14-10/17	LADOTD No. H.009943, US 190 Phase 2 – Cleaning, Painting & Repair Principal/Environmental Project Manager performing the same environmental scope as this RFP.
10/12-7/16	LADOTD No. H.000343, US 190 Phase 1 – Cleaning, Painting & Repair Principal/Environmental Project Manager performing the same environmental scope as this RFP.

16. Staff Experience:

Firm employed by KGC Environmental Services, Inc.			
Name	Justin Beitzel, MBA, PMP	Years of relevant experience with this employer	13
Title	Senior Environmental Professional	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		MBA / 2010 / McNeese State University BS / 2009 / Business / McNeese State University	
Active registration number / state / expiration date		SSPC C-3 / C-5 (Expires 7/22) NACE Level II Registration No. 46202 Expires 7/23	
Year registered	2013	Discipline	SSPC C-3/C5 Lead Supervisor
Contract role(s) / brief description of responsibilities		On site Environmental Monitor / Justin will conduct tsp-lead volume air sampling and visible emissions/accumulations observations during lead emission generating activities. Justin will review the contractor's documentation of waste handling, storage, labeling and sampling of all waste streams and waste-water generated on the project. He will prepare weekly reports stating findings and recommendations for submission to the project engineer and contractor.	
Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Relevant experience for all projects reported	Justin has extensive LADOTD experience working as an environmental monitor/ Professional Industrial Hygienist on painting and rehabilitation projects. Justin has worked on 12 major LADOTD lead removal bridge repainting projects performing the same duties as requested by this RFQ since 2010. He has also worked on other Departments of Transportation, US Army Corps of Engineers, and private railroad repainting and rehabilitation projects.		
4/19- 10/22	LADOTD No. H.009461, US 90 Atchafalaya River Bridge Rehabilitation On-site environmental monitor performing the same duties as requested by this RFQ.		
10/20-11/21	LADOTD No. H.011485, LA 336-1 – Bayou Teche Bridge Rehabilitation On-site environmental monitor performing the same duties as requested by this RFQ.		
2/18-8/19	LADOTD No. H.00946.6, Route I-10 Clean, Paint and Miscellaneous Repairs On-site environmental monitor performing the same duties as requested by this RFQ.		

12/17-8/18	<p>LADOTD No.H.003263.6, I-20: Overpass Rehabilitation (Bossier City) On-site environmental monitor performing the same duties as requested by this RFQ.</p>
8/16-10/17	<p>LADOTD No. H.011482, US 90 Huey P. Long Bridge Clean and Paint On-site environmental monitor performing the same duties as requested by this RFQ.</p>
12/15-6/17	<p>LADOTD No. H.010636, US 90 Over Mississippi River Bridge (GNO2) Structural Repairs and Spot Painting On-site environmental monitor performing the same duties as requested by this RFQ.</p>
5/15-1/16	<p>LADOTD No. H.009326, I-10 & 610: Bridge Deck Patching, Girder Painting & Misc. Repairs On-site environmental monitor performing the same duties as requested by this RFQ.</p>
7/14-10/17	<p>LADOTD No. H.009943, US 190 Phase 2 – Cleaning, Painting & Repair On-site environmental monitor performing the same duties as requested by this RFQ.</p>
10/12-7/16	<p>LADOTD No. H.000343, US 190 Phase 1 – Cleaning, Painting & Repair On-site environmental monitor performing the same duties as requested by this RFQ.</p>

16. Staff Experience:

Firm employed by KGC Environmental Services, Inc.			
Chris Price		Years of relevant experience with this employer	13
Senior Environmental Professional		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		BS / 2010 / Business Administration / University of Louisiana - Monroe	
Active registration number / state / expiration date		SSPC C-3 / C-5 (Expires 7/ 22) NACE - Coatings, Level 2 / 50841 / 3/24	
Year registered	2013	Discipline	SSPC C-3 /C5 Lead Supervisor
Contract role(s) / brief description of responsibilities		On site Environmental Monitor Chris will conduct tsp-lead volume air sampling and visible emissions/accumulations observations during lead emission generating activities. Chris will review the contractor's documentation of waste handling, storage, labeling and sampling of all waste streams and waste-water generated on the project.	
Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Relevant experience for all projects reported	Chris has many years of LADOTD experience working as an environmental monitor on painting and rehabilitation projects. Chris has worked on 10 major LADOTD lead removal bridge repainting projects performing the same duties as requested by this RFQ since 2010. He has also worked on other Departments of Transportation, US Army Corps of Engineers, and private railroad repainting and rehabilitation projects.		
4/19- 10/22	LADOTD No. H.009461, US 90 Atchafalaya River Bridge Rehabilitation On-site environmental monitor performing the same duties as requested by this RFQ.		
10/20-11/21	LADOTD No. H.011485, LA 336-1 – Bayou Teche Bridge Rehabilitation On-site environmental monitor performing the same duties as requested by this RFQ.		
2/18-8/19	LADOTD No. H.00946.6, Route I-10 Clean, Paint and Miscellaneous Repairs On-site environmental monitor performing the same duties as requested by this RFQ.		

12/17-8/18	<p>LADOTD No.H.003263.6, I-20: Overpass Rehabilitation (Bossier City) On-site environmental monitor performing the same duties as requested by this RFQ.</p>
8/16-10/17	<p>LADOTD No. H.011482, US 90 Huey P. Long Bridge Clean and Paint On-site environmental monitor performing the same duties as requested by this RFQ.</p>
5/15-1/16	<p>LADOTD No. H.009326, I-10 & 610: Bridge Deck Patching, Girder Painting & Misc. Repairs On-site environmental monitor performing the same duties as requested by this RFQ.</p>
7/14-10/17	<p>LADOTD No. H.009943, US 190 Phase 2 – Cleaning, Painting & Repair On-site environmental monitor performing the same duties as requested by this RFQ.</p>
10/12-7/16	<p>LADOTD No. H.000343, US 190 Phase 1 – Cleaning, Painting & Repair On-site environmental monitor performing the same duties as requested by this RFQ.</p>

16. Staff Experience:

Firm employed by KGC Environmental Services, Inc.			
Name	Sammy Phillips	Years of relevant experience with this employer	9
Title	Sr. Environmental Technician	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		High School Diploma	
Active registration number / state / expiration date		SSPC C-3 / C-5 (Expires 7/22)	
Year registered	2014	Discipline	SSPC C3/C5 Lead Supervisor
Contract role(s) / brief description of responsibilities		On site Environmental Monitor Sammy will conduct tsp-lead volume air sampling and visible emissions/accumulations observations during lead emission generating activities. Sammy will review the contractor's documentation of waste handling, storage, labeling and sampling of all waste streams and waste-water generated on the project.	
Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Relevant experience for all projects reported	Sammy has many years of LADOTD experience working as an environmental monitor on painting and rehabilitation projects. Sammy has worked on 6 major LADOTD lead removal bridge repainting projects performing the same duties as requested by this RFQ since 2014.		
4/19- 10/22	LADOTD No. H.009461, US 90 Atchafalaya River Bridge Rehabilitation On-site environmental monitor performing the same duties as requested by this RFQ.		
2/18-8/19	LADOTD No. H.00946.6, Route I-10 Clean, Paint and Miscellaneous Repairs On-site environmental monitor performing the same duties as requested by this RFQ.		
12/17-8/18	LADOTD No.H.003263.6, I-20: Overpass Rehabilitation (Bossier City) On-site environmental monitor performing the same duties as requested by this RFQ.		

5/15-1/16	LADOTD No. H.009326, I-10 & 610: Bridge Deck Patching, Girder Painting & Misc. Repairs On-site environmental monitor performing the same duties as requested by this RFQ.
7/14-10/17	LADOTD No. H.009943, US 190 Phase 2 – Cleaning, Painting & Repair On-site environmental monitor performing the same duties as requested by this RFQ.
10/12-7/16	LADOTD No. H.000343, US 190 Phase 1 – Cleaning, Painting & Repair On-site environmental monitor performing the same duties as requested by this RFQ.

16. Staff Experience:

Firm employed by Design Engineering, Inc.					
Name	James Martin, Ph.D., P.E.		Years of relevant experience with this employer		12
Title	President/Principal-In-Charge		Years of relevant experience with other employer(s)		8
Degree(s) / Years / Specialization		Tulane University: Doctor of Philosophy 2003 Tulane University: MS, Environmental Engineering 2000 University of Alabama: BS, Civil Engineering 1998 Old Dominion University: Coastal Engineering Certificate 2010			
Active registration number / state / expiration date		31281 /LA/ 09/30/2024			
Year registered	2004	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities		Dr. Martin will serve as DEI's Principal-In-Charge for this project. Dr. Martin has extensive experience with the construction of civil engineering projects involving major bridges, highways, streets, roadways, water, sewer, drainage, and flood protection projects.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
01/19 - Ongoing	JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE: President/Civil Engineer responsible for overseeing and managing all personnel and contracts for this project which includes conducting a comprehensive structural inspection of all portions of the Causeway Boulevard Overpass of Airline Drive above railroad traffic (all existing bridge components north of the southern right-of-way line of Airline Drive); perform a load capacity rating analysis of the AS-BUILT and AS-IS conditions of the structure, and submit a comprehensive repair/rehabilitation report prioritizing recommended repairs/corrective measures. Based on the findings of the report, DEI is responsible for the production of plans, specifications, and contract documents to repair/replace the Overpass's girders, bearings, deck, guardrails, and drainage system. Additionally, it is DEI's responsibility to provide full-time resident inspection and testing services during construction.				
12/18 -07/20	GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS (CE&I): President/Civil Engineer responsible for overseeing the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. CE&I: construction administration includes the organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing of partial pay estimates. Resident inspection includes observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.				
05/08 – 12/16	DOTD SP NO. H.002550: MACARTHUR DRIVE INTERCHANGE COMPLETION – PHASE 1A AND 1B: President/Civil Engineer responsible for overseeing and managing all personnel and contracts for Phase 1A, which included the demolition of a portion of the existing service road and the relocation of the service road to accommodate the new bridges constructed under Phase 1B of this project. The bridges were constructed using Type II girders and trapezoidal box girders supported on single pier bents with pile footings to match the aesthetics of the existing Westbank Expressway Bridges. DEI provided At-Grade roadway design, column clearance designs, utility relocation, drainage design, right-of-way plans, temporary retaining structure for pile supported columns,				

	coordination of modification to Phase 1A during construction of Phase 1B bridge, management of roadway and bridge design team during construction, major public presentations and meetings with affected stakeholders. DEI was awarded the ACI Louisiana Award for Overall Best Concrete Project of 2016, and Award of Excellence in 2016 for its work on the MacArthur Drive Interchange Completion Project–Phase 1B.
07/14 – 10/16	DOTD SP. H.006568: WASHINGTON AVENUE PEDESTRIAN BRIDGE CROSSING (CE&I): President/Civil Engineer for constructing an elevated pedestrian crossing over Washington Avenue, Washington Avenue Canal, and Drexel Drive. Also included is the construction of an enclosed stairway and elevator towers located at the corner of Fern Street and Washington Avenue and Drexel Dr. near the north campus of Xavier University. The entire construction contract administration and construction engineering and inspection for this project was managed through LADOTD Site Manager Program. DEI was responsible for the construction, engineering, and inspection of this project which included maintaining all construction field records; making daily entries in the project diary to indicate the contractor’s personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time through Site Manager.
06/12 – 08/14	BR NO. 12-BT-P-0020: MULTIPLE BRIDGE REPLACEMENTS NO. 2 FLANACHER ROAD (A), FLANACHER ROAD (B) AND BARNETT ROAD: President/Civil Engineer responsible for overseeing and managing all personnel and contracts for the replacement of three (3) existing bridge structures located on a rural collector road in Zachary, LA. The design is in accordance with LADOTD Roadway Design Procedures and Details Manual, LA DOTD Hydraulic Manual and Federal Aid Off-System Highway Bridge Program Guidelines. DEI is responsible for the preparation of the hydraulic study to determine the type of replacement structure, preliminary design, final design, construction administration and resident inspection. Due to the age of the existing structures, the horizontal and vertical alignment of the roadway was not in accordance with AASHTO “Green Book”, 2011 standards, so DEI had to make vertical and horizontal modifications to the alignment of the roadway. DEI is also coordinating and managing the geotechnical and surveying sub-consultants during the entire design process. DEI is also providing the client with cost estimates and permit sketches as required by federal, state and local authorities.
08/06 – 12/09	GNOEC PROJECT: WIDENING OF THE CAUSEWAY BRIDGE AT THE SOUTHSORE, METAIRIE, LA: In the aftermath of Katrina, the USACE required the improvement and expansion of the T-wall beneath both the Southbound and Northbound Bridges. Dr Martin performed construction administration and monitored resident inspection for the widening of the bridge to accommodate the floodwall’s construction. The bridge expanded from 4 lanes to 8 lanes for 1,000 feet into the lake from the Southshore. The cost of the total project was in excess of \$100M.
08/03 – 12/04	GNOEC PROJECT: WIDENING OF THE CAUSEWAY BRIDGE AT THE NORTHSORE, METAIRIE, LA: Dr Martin was the construction engineer on this project responsible for construction activities and management of the daily resident inspection. The project doubled the width of the Causeway Bridge Southbound from the Toll Plaza into the Lake by 1,000 feet.
08/00 – 12/04	DOTD PROJECT: INTERSTATE 10 AND CAUSEWAY BOULEVARD INTERCHANGE DESIGN, PHASES 1 AND 2, METAIRIE, LA: Dr. Martin was a staff engineer responsible for the design of over a dozen structural concrete bridge bents as well as the quality control of the vertical and horizontal geometry of the interchange’s bridges and roads. These two phases were over \$80M in construction.
08/00 – 12/03	DOTD PROJECT: INTERSTATE 10 AND METAIRIE ROAD INTERCHANGE AND EXPANSIONS DESIGN, LA: Dr. Martin was a staff engineer responsible for quality control of the vertical and horizontal geometry of the interchange’s bridges and roads. The project was over \$20M in construction costs.

16. Staff Experience:

Firm employed by Design Engineering, Inc.					
Name	John Holtgreve, P.E.		Years of relevant experience with this employer		38
Title	Project Manager		Years of relevant experience with other employer(s)		12
Degree(s) / Years / Specialization		Tulane University: MCE, Civil Engineering 1975 Tulane University: BS, Civil Engineering 1970			
Active registration number / state / expiration date		16383 /LA/ 03/31/2025			
Year registered	1976	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities		Mr. Holtgreve will serve as a DEI's Project Manager for this contract. A partial list of pertinent projects relevant to this proposal is contained below: (Meets MPR 7)			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
01/19 - Ongoing	JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE: Mr. Holtgreve oversaw the design and construction of this project, which included conducting a comprehensive structural inspection of all portions of the Causeway Boulevard Overpass of Airline Drive above railroad traffic (including all existing bridge components north of the southern right-of-way line of Airline Drive). He performed a load capacity rating analysis of the AS-BUILT and AS-IS conditions of the structure and submitted a comprehensive repair/rehabilitation report that prioritized recommended repairs and corrective measures. Based on the findings of the report, DEI was responsible for producing plans, specifications, and contract documents to repair/replace the Overpass's girders, bearings, deck, guardrails, and drainage system. Additionally, DEI was tasked with providing full-time resident inspection and testing services during construction.				
12/18 – 7/20	GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS (CE&I): Project Manager for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. CE&I: construction administration includes the organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing of partial pay estimates. Resident inspection includes observation of construction activities (e.g. 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.				
05/08 – 12/16	DOTD SP NO. H.002550: MACARTHUR DRIVE INTERCHANGE COMPLETION (ON AND OFF RAMPS FOR PETERS ROAD): Mr. Holtgreve oversaw the design and construction of an on- and off-ramp system for the Westbank Expressway and the relocation of Frontage Road. Responsibilities included planning geometric layout of roadways and rights-of-way; relocation of drain lines up to 72” diameter, 10” sewer force mains with 20” steel casing horizontally drilled underneath four (4) lane highway, and water lines; project quantities estimation; preparation of plans for water mains, appurtenances, gas lines, and overhead and below ground power lines; the construction of storm drain performance, pipes and manholes; the extension of the existing reinforced concrete box culvert; and the construction of the new relocated service road, including the installation of a compacted sand sub-base course, crushed limestone base course, Superpave asphaltic concrete binder and wearing courses, as well as concrete curb and gutters and concrete				

	sidewalks. DEI worked extensively to meet the needs of the Parish and followed the requirements of the LADOTD and the FHWA where traffic congestion is a paramount consideration.
07/14-10/16	DOTD SP NO. H.06568: WASHINGTON AVENUE PEDESTRIAN BRIDGE CROSSING: Project Manager for the construction of an elevated pedestrian bridge crossing over Washington Avenue, Washington Avenue Canal, and Drexel Drive. Also included was the construction of an enclosed stairway and elevator towers located at the corner of Fern Street and Washington Avenue and Drexel Dr. near the north campus of Xavier University. The entire construction contract administration and construction engineering and inspection for this project was managed through LaDOTD SiteManager Program. DEI was required to coordinate activities through DOTD, the City of New Orleans, and Xavier University.
11/12 – 08/14	LAKEFRONT UTILITY CROSSING RECONSTRUCTION PROJECT: (Project Manager) This project included the design, construction administration and resident inspection services for the replacement of 9 utility crossings along Lakeshore Dr. Each crossing was removed to lift the levee and then replaced. A new electrical service for seawall safety lights which has a separate meter for SLFPA-E. The project was designed to the HSDRRS (USACE) standards. In addition, the crossings also included water and sewer systems to service Shelters I, 2, 3, and 4. DEI assisted in negotiating the CPRA with the USACE and all other agreements with the agencies. The Lakefront Levee is the primary flood protection system for New Orleans. Shelter #3 was removed and has been reconstructed.
01/08 – 09/12	USACE: LAKE PONTCHARTRAIN VICINITY (LPV) HSDRRS CONSTRUCTION MANAGEMENT SERVICES: Mr. Holtgreve was responsible for managing a broad range of construction management services to satisfy fluctuating needs and conditions under each task order of the Lake Pontchartrain Vicinity Hurricane and Storm Damage Risk Reduction Program. He was responsible for planning, coordinating, and supervising through subordinate managers the work of professional and technical staff that were engaged in quality assurance and contract administration of projects, in which Design Engineering, Inc.'s employees were assigned. The services procured by the USACE consisted of performing quality assurance, field project engineering, health/safety quality assurance/quality control, construction inspection schedule reviews and related activities in accordance with plans developed by the USACE and other government agencies.
05/95 - 12/98	OLD NO. 25924: NEW ORLEANS LAKEFRONT AIRPORT BRIDGES (3), FLOODWALLS, FLOODGATE AND ROADWAY, NEW ORLEANS, LA: (Role: Project Manager). Mr. Holtgreve managed this very complex project which involved coordination with railroad interest; the LADOTD, The FAA, New Orleans Sewerage and Water Board, Entergy, Bell South and the USACE for the benefit of the Orleans Levee Board. Mr. Holtgreve also supervised and managed the construction administration and resident inspection during the construction phase of this project. This major project is located adjacent to the New Orleans Lakefront Airport and involved three major bridges with approximately 200,000 square feet of bridge deck, over 4,400 LF of degraded levee replaced with I-walls, a 63' wide floodgate for four lanes of traffic and over 4,000 LF of Roadway.

16. Staff Experience:

Firm employed by Design Engineering, Inc.					
Name	John Karlin, P.E., S.E.		Years of relevant experience with this employer		5
Title	Structural Engineer		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		University of Illinois Urbana-Champaign: MS, Civil (Structural) Engineering 2017 Worcester Polytechnic Institute: BS, Civil Engineering 2016			
Active registration number / state / expiration date		P.E. : 44795 /LA/ 03/31/2025 S.E. : 081-008511 /IL/ 11/30/2024			
Year registered	2020	Discipline	Civil Engineer and Structural Engineer		
Contract role(s) / brief description of responsibilities		Mr. Karlin will serve as a Structural Construction Engineer for this contract. A partial list of pertinent projects relevant to this proposal is contained below: (Meets MPR 8)			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
12/18 – 7/21	GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS (CE&I): (Role: Structural Engineer) Mr. Karlin assisted in the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. Construction administration included the organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing partial pay estimates. Resident inspection included observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.				
09/17 - Ongoing	JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE: (Role: Structural Engineer) Mr. Karlin assisted the project engineer with conducting a comprehensive structural inspection of all portions of the Causeway Boulevard Overpass of Airline Drive above railroad traffic (all existing bridge components north of the southern right-of-way line of Airline Drive); perform a load capacity rating analysis of the AS-BUILT and AS-IS conditions of the structure; and submit a comprehensive repair/rehabilitation report prioritizing recommended repairs/corrective measures. Based on the findings of the report, DEI is responsible for the production of plans, specifications, and contract documents to repair/replace the Overpass’s girders, bearings, deck, and drainage system. Additionally, it is DEI’s responsibility to provide full time resident inspection and testing services during construction.				
06/18 – 08/20	PONO NO. 083622: ST. ANDREW STREET WHARF EROSION MITIGATION PROJECT: Mr. Karlin analyzed and inspected reinforced concrete bents, steel girders, steel diaphragms, and reinforced concrete deck. Responsible for finite element modeling, frame analysis, and structural design; prepared plans and specifications and provided engineering design support during advertisement and construction. During this project, a highly trafficked multilevel 1957 steel and concrete bridge system was rehabilitated to increase its design life while maintaining traffic during construction.				

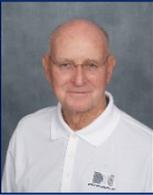
9/17 – 10/19	OLD NO. 27842: SEAWALL AREA EROSION CONTROL PAVING PROJECT – REACH 3A: (Role: Structural Engineer) Mr. Karlin assisted with the erosion control project of the Lake Pontchartrain seawall. Responsibilities included the design of slab on grade to support pedestrian traffic and prevent cracking and damage during extreme events; layout of slab joints to allow expansion and contraction of the slab and seawall without cracking of the slab; layout of timber piles to ensure proper load transfer from the slab to the soil and minimize settling and damage due to soil erosion; and design of grade beams and retaining walls near existing trees to satisfy the project goals without removal of trees.
09/17 – 05/18	SP NO. H.011731: W. ESPLANADE BRIDGES AT DUNCAN CANAL: (Role: Structural Engineer) Mr. Karlin assisted in the replacement of aging bridges spanning the Duncan Canal with a new, buried box culvert system that improves aesthetics while maintaining the conveyance of traffic across the canal. Responsibilities include the design of the top slab to resist vehicular loadings; the design of the base slab to adequately distribute loads to the soil; the design of the walls and wing walls to resist lateral soil pressures and soil and vehicular surcharge loadings; and the design of columns and beams to create a junction between Duncan Canal and Canal No. 2 and facilitate the flow of water between the two box culverts.
9/17 – 11/17	JP NO. 2015-030-RB: WEST ESPLANADE U-TURN: (Role: Structural Engineer) Mr. Karlin assisted in the design of the apron slabs, headwalls, and wing walls for this pipe culvert structure to meet AASHTO and LADOTD standards. Responsibilities included the design of apron slabs to facilitate water flow and resist uplift forces; the design of headwalls to resist lateral soil pressures and vehicular surcharge loadings; and the design of wing walls to stabilize the canal slopes adjacent to the apron slabs.
09/17 – 12/19	JPPW NO. 2013-033-RB: SOUTHBOUND CAUSEWAY BLVD. AT 17TH STREET INTERCHANGE IMPROVEMENTS: (Role: Structural Engineer) Mr. Karlin assisted the project engineer with providing preliminary and final plans for the improvements to the interchange. This project was a heavy bridge addition that connected to the existing interstate interchange easing the flow of traffic from the Causeway Bridge onto I-10.
05/19 – 08/20	DOTD SP NO. H011798.6: AIRLINE PARK BOULEVARD (CAMPHOR TO WEST NAPOLEON) (CE&I): (Role: Structural Engineer) Mr. Karlin assisted in the construction of 0.390 miles of roadway, which included grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Concrete Pavement, cofferdams, storm water pumping station, and related work. Pavement striping, sign and legends, and symbols were also included. DEI was responsible for the construction, engineering, and inspection of this project, which included maintaining all construction field records; making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time through Site Manager.

16. Staff Experience:

Firm employed by Design Engineering, Inc.				
Name	Jay Rafferty		Years of relevant experience with this employer	
Title	Construction Manager		Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization		Southeastern Louisiana University: Industrial Technology 1997 Troxler Radiation Safety and Nuclear Testing Equipment Course 8/17/10, Army Corps of Engineers Construction Management Quality Course 11/2/12, Supervisor Compliance Training Department, Supervisor Course 6/6/14, Completed ATSSA Work Zone Traffic Control Technician, Supervisor, and Flagger		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Jay Rafferty will serve as the Project Office Manager for this contract. Mr. Rafferty has completed the ATSSA Traffic Control Technician, Supervisor, and Flagger Courses. He has also completed training in the USACE Construction Quality Management (CQM).		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
12/18 – 07/20	GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS (CE&I): Mr. Rafferty was the Construction Manager for this project. He provided resident inspection for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. CE&I: construction administration includes the organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing of partial pay estimates. Resident inspection includes observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.			
02/14 – 04/19	JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE: Mr. Rafferty was the Construction Manager for this project which includes the rehabilitation of Ramps 6, 7, and overpass of Causeway Blvd. Overpass at Airline Drive. The resident inspection includes observation of construction activities for structure jacking, span movement, reinforced concrete riser construction, girder strengthening, bridge deck joint sealing, epoxy-urethane overlay, and bridge drainage rehabilitation. Mr. Rafferty’s responsibilities for this project are to make sure the resident inspectors are preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attending all the progress meetings. He is also overseeing the resident inspector writing his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.			

03/21 – 07/22	<p>DOTD SP NO. H.007276.6: MAGAZINE ST. (LEAKE AVE TO EAST DRIVE) (CE&I): Mr. Rafferty was the Construction Manager for this roadway rehabilitation project consisting of the removal of existing pavement, excavation/embankment, base course, PCC paving, drainage structures, concrete curb, sidewalks & handicap ramps, water & sewer lines, pavement markings, and related work. Mr. Rafferty’s responsibilities for this project are to make sure the resident inspector is preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attending all the progress meetings. He is also overseeing that the resident inspector is writing in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor. The entire construction contract administration and construction engineering and inspection for this project is managed through LaDOTD SiteManager.</p>
06/18 – 08/20	<p>PONO NO. 083622: ST. ANDREW STREET WHARF EROSION MITIGATION PROJECT, PORT OF NEW ORLEANS, LA: Mr. Rafferty was the Construction Inspector for this project. This project encompassed the construction of an approximately 1600-foot-long and 50-foot-deep steel sheet pile wall with a reinforced concrete pile cap along the roadway side of the St. Andrew Street Wharf and associated roadway construction. Mr. Rafferty was responsible for preparing daily reports, inspecting the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attending all project meetings.</p>
02/13 – 05/18	<p>USACE NO. LPV 04.2 & 2B LPV 05.2B: ST. CHARLES LEVEE REACH 1A LPV 04.2 & 2B LPV 05.2B: Mr. Rafferty was the Construction Project Manager/Project Coordinator for this project. Mr. Rafferty’s responsibilities consisted of managing, scheduling, and coordinating field activities for fifty (50) plus employees. He was also the QC Manager Representative for the US Army Corp of Engineers for this project. Mr. Rafferty’s responsibilities included interviewing, training, drug screening, background checking, hiring, and termination of field personnel.</p>
01/08 – 06/14	<p>USACE NO. LPV 149: HURRICANE AND STORM DAMAGE RISK REDUCTION PROGRAM – FLOODWALL LPV 149: Mr. Rafferty was the Construction Project Manager/Project Coordinator for this project. Mr. Rafferty’s responsibilities consisted of managing, scheduling, and coordinating field activities for fifty (50) plus employees. He was also the QC Manager Representative for the US Army Corp of Engineers for this project. Mr. Rafferty’s responsibilities included interviewing, training, drug screening, background checking, hiring, and termination of field personnel.</p>
09/07 – 02/12	<p>USACE NO. LPV106: LAKE PONTCHARTRAIN AND VICINITY 106 CITRUS LAKE FLOOD WALL: Mr. Rafferty was the Construction Project Manager/Project Coordinator for this project. Mr. Rafferty’s responsibilities consisted of managing, scheduling, and coordinating field activities for fifty (50) plus employees. He was also the QC Manager Representative for the US Army Corp of Engineers for this project. His responsibilities included interviewing, training, drug screening, background checking, hiring, and termination of field personnel.</p>

16. Staff Experience:

Firm employed by Design Engineering, Inc.					
Name	Wayne “Dickie” Lemoine		Years of relevant experience with this employer		4
Title	Senior Inspector		Years of relevant experience with other employer(s)		49
Degree(s) / Years / Specialization		Certifications: LaDOTD Structural Concrete Inspector, Basic Bridge Safety Inspector’s Training, Bridge Inspection Update, Nondestructive Evaluation of Bridge Conditions, Bridge Inspector, Movable Bridge Inspection Training Course, ATSSA Flagger, ATSSA Traffic Control Supervisor, Prager Gear Seminar, Pump and Seal School, Stream Stability and Scour at Highway Bridges for Bridge Inspectors, Hazwoper, Industrial Hydraulics, Deleading of Industrial Structures, Inspection of Fracture Critical Bridge Members			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Mr. Lemoine will serve as a Senior Inspector for this project. Mr. Lemoine has over 33 years of experience with the Louisiana Department of Transportation and Development. Mr. Lemoine has completed and holds certifications as an LaDOTD Structural Concrete Inspector and an ATSSA Work Zone Traffic Control Supervisor, Technician, and Flagger.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
12/18 – 7/21	GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS (CE&I): (Role: Lead Resident Inspector) Mr. Lemoine was the inspector for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. Construction administration included organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing partial pay estimates. Resident inspection included observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.				
9/13 – 6/16	LA 70 MISSISSIPPI RIVER BRIDGE, PHASE II CE&I, PAINTING INSPECTION, AND ENVIRONMENTAL MONITORING, ST. JAMES PARISH, LA: (Role: Lead Resident Inspector) Mr. Lemoine performed structural steel inspection, traffic control inspection, structural concrete repair inspection, and contract administration for the LA 70 Bridge over the Mississippi River. He coordinated the painting and environmental operations with SiteManager Reports and Daily Work Reports. This project included strengthen of steel members, repairing end dams and roadway joints, and painting of the steel approaches.				
10/18-06/19	SUNSHINE BRIDGE, DONALDSONVILLE, LA: (Role: Lead Resident Inspector) Mr. Lemoine performed the inspection on repairs to the expansion joints on the Sunshine Bridge. Mr. Lemoine also inspected the placement of epoxy				

	in the roadway repair. He was responsible for preparing the daily report and attending all project meetings. Mr. Lemoine also reviewed and processed Contractors' invoices.
06/16- Ongoing	SP NO. 706-99-0004, GNOEC#ER-0004: REPAIRS & REPLACEMENT OF THE 9-MILE TURNAROUND SPANS ON LAKE PONTCHARTRAIN CAUSEWAY, ST. TAMMANY AND JEFFERSON PARISHES, LA.: (Role: Lead Resident Inspector) Mr. Lemoine was the inspector on the pile driving and structural concrete placement. He maintained all the SiteManager records and performed the sampling and testing for concrete placements on the decks. The project cost \$2M.
06/17 - Ongoing	CAUSEWAY BRIDGE, METAIRIE, LA: (Role: Lead Resident Inspector) Mr. Lemoine was the Senior Bridge Inspector and coordinator with the Greater New Orleans Expressway Commission. Mr. Lemoine inspected the installation of the dynamic boards at the Causeway bridge. He also inspected the reconstruction of the electrical system of the North Toll Plaza Building and inspected the reconstruction of the exit road and parking lot at the North Toll Plaza.
11/07 – 02/13	LOUISIANA TIMED PROGRAM (LTM), STATEWIDE, LA.: (Role: Lead Resident Inspector) Mr. Lemoine was the lead inspector assigned to the Huey P. Long Bridge widening project, where he managed and inspected the widening of the current bridge to include three 11-foot travel lanes in each direction with the addition of inside and outside shoulders. Instead of adding pier foundations for the main river bridge, the construction plans called for the widening of pier shafts above the existing caisson foundations and the addition of two new parallel trusses to accommodate the widened roadway along the main bridge. For the approaches, new parallel structures were built to accommodate the new roadways. The construction cost \$5.2B.
01/71-01/04	Mr. Lemoine was the Maintenance and Inspection Supervisor for the following: <ul style="list-style-type: none"> ➤ Bayou Sarah Swing Bridge ➤ Judge Perez Bridge ➤ Claiborne Avenue Bridge (Judge Seeber Bridge) ➤ Danziger Bridge ➤ US 11 North Draw ➤ Chef Menteur Pass ➤ Houma Navigation Bridge ➤ Bayou Dularge Bridge ➤ Raceland Vertical Lift Bridge ➤ Kerner Swing Bridge ➤ Kraemer Vertical Lift Bridge ➤ La 24 Company Canal Bridge ➤ LaRose Vertical Lift Bridge ➤ Lockport Swing Bridge ➤ Bayou Black Bridge ➤ LA-661 Bayou LaCarpe Bridge ➤ Bayou La Loutre Bridge

16. Staff Experience:

Firm employed by Design Engineering, Inc.				
Name	Jeff Puissegur		Years of relevant experience with this employer	10
Title	Inspector		Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization		Tulane University: Bachelor of Arts, Major in Business Management, Minor in Arts & Business Tulane University: Associates of Arts, Business Management Certifications: LaDOTD Embankment and Base Course Inspector, ATSSA Work Zone Traffic Control Technician, Supervisor, and Flagger		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Jeffrey Puissegur will serve as a Certified Inspector for this contract. Mr. Puissegur has completed and holds certifications as a LaDOTD Embankment and Base Course Inspector and an ATSSA Traffic Control Supervisor, Technician, and Flagger. He also has training in USACE Construction Quality Management (CQM) and Resident Management Systems (RMS).		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/19 – 08/20	DOTD SP NO. H011798.6: AIRLINE PARK BOULEVARD (CAMPHOR TO WEST NAPOLEON): (Role: Resident Inspector) Mr. Puissegur performed inspections for the construction of 0.390 miles of roadway which included grading, drainage structures, milling asphalt pavement, pavement patching, class ii base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, storm water pumping station, and related work on Airline Park Boulevard from north of its intersection with Camphor St. to its junction with W. Napoleon Ave. Mr. Puissegur prepared daily reports which were recorded through LADOTD Site Manager, inspect the progress to ensure compliance with the requirements of the plans and specifications, and attended all the progress meetings.			
01/08 – 09/14	JPPW 2007-012-PS-PH.3B: AIRLINE DRIVE DRAINAGE CROSSING ST. PETER’S DITCH: (Role: Resident Inspector) Mr. Puissegur was responsible for the quality assurance in the construction of 365 feet of drainage improvements adjacent to and across Airline Drive, including the construction of large drainage junction boxes, micro-tunneling or hand tunneling large diameter drain line across Airline Drive, reinforced concrete box culverts and transition structures. Mr. Puissegur prepared daily reports through LaDOTD SiteManager, inspected the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attended all project meetings.			
03/21 – 07/22	DOTD SP NO. H.007276.6: MAGAZINE ST. (LEAKE AVE TO EAST DRIVE) (CE&I): (Role: Resident Inspector) Mr. Puissegur performed inspections for this roadway rehabilitation project consisting of removal of existing pavement, excavation/embankment, base course, PCC paving, drainage structures, concrete curb, sidewalks & handicap ramps, water & sewer lines, pavement markings, and related work. Mr. Puissegur prepared daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and is attending all the progress meetings. Further, Mr. Puissegur wrote in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.			

	The entire construction contract administration and construction engineering and inspection for this project is managed through LaDOTD SiteManager.
09/16 – 02/17	DOTD SP NO. H.007277: LAKE FOREST BOULEVARD: (Role: Resident Inspector) Mr. Puissegur performed inspections for the construction of approximately 638 LF of Portland Cement Concrete Pavement with barrier curb, barrier rails and retaining wall, including drainage pipes and structures and tie-in to the existing Westbound concrete pavement at Lake Forest Boulevard. Also, approximately 624 LF of the existing Eastbound asphaltic concrete pavement on Lake Forest Boulevard was removed by milling and overlaid with 2” asphaltic concrete wearing course, to develop a 2.5% cross slope. Pavement striping, sign and legends and symbols are included. Mr. Puissegur prepared daily reports which are recorded through LADOTD Site Manager, inspect the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications and attends all the progress meetings. Further, Mr. Puissegur wrote in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.
01/13 – 04/16	JPPW NO. 3010-047: JEFFERSON PARISH SUBMERGED ROADWAYS PROGRAM: (Role: Resident Inspector) Mr. Puissegur performed inspections for the damage evaluation due to Hurricane Katrina and roadway reconstruction of eighty-five (85) concrete streets and eight (8) miles of asphalt roadway repair within Council District 3. Design Engineering’s responsibilities included Site Evaluations, Preliminary Plans, Final Plans, Construction Administration, and Resident Inspection. During site evaluations, DEI noted settlement and surface condition and verified the degree and severity of damage described in FEMA Project Work Sheets. Considerations during the design phase were tree root impacts on the existing roadway, addition and/or repair of sidewalks, driveways and handicap ramps, and adjustment of all drainage structures within the roadway limits. Mr. Puissegur prepared daily reports through LaDOTD SiteManager, inspected the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attended all project meetings.
05/19 – 08/20	DOTD SP NO. H011798.6: AIRLINE PARK BOULEVARD (CAMPHOR TO WEST NAPOLEON): (Role: Resident Inspector) Mr. Puissegur performed inspections for the construction of 0.390 miles of roadway which included grading, drainage structures, milling asphalt pavement, pavement patching, class ii base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, storm water pumping station, and related work on Airline Park Boulevard from north of its intersection with Camphor St. to its junction with W. Napoleon Ave. Mr. Puissegur prepared daily reports which were recorded through LADOTD Site Manager, inspect the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attends all the progress meetings. Further, Mr. Puissegur wrote in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.
01/08 – 09/14	USACE LAKE PONTCHARTRAIN AND VICINITY (LPV) CONSTRUCTION MANAGEMENT SERVICES (LPV 104.01A & LPV 106): Mr. Puissegur was responsible for inspecting the construction of LPV 104.01A which included the raising of the roadway to the elevation of the newly raised levee, converting a floodwall from an I-wall to an L-wall, driving of H-piles and sheet piles, placement of concrete, backfill, and compaction on embankment and resurfacing of the Portland cement concrete roadway and asphaltic concrete roadway. LPV-106 included driving of sheet piles on 6 miles of the levee and capped the piles with concrete. Also, the construction of three levee ramps, modifications to two pump stations and the existing drainage crossing through the levee. Prepared daily construction and safety reports, attended project meetings and safety meetings, witnessed the density tests of backfill materials and samples taken on the concrete mix conducted by a third-party testing laboratory, reviewed shop drawings and RFIs and participated in preparing the project closeout documents.

16. Staff Experience:

Firm employed by HRV Conformance Verification Associates, Inc.				
Name	Robert Stachel		Years of relevant experience with this employer	19
Title	Technical Advisor		Years of relevant experience with other employer(s)	29
Degree(s) / Years / Specialization		Old Dominion University, 1975, B.S., Civil Engineering		
Active registration number / state / expiration date		Pennsylvania (#PE036306E, exp. 9/30/2025) and 15 other states. <u>Applicable Certifications:</u> AWS Certified Welding Inspector (#07020491, exp. 2/1/2025), ASNT Level III MT, PT, RT, & UT (#15105, exp. 7/1/2028)		
Year registered	1987	Discipline	Professional Engineer	
Contract role(s) / brief description of responsibilities		As needed technical consultation related to materials fabrication and construction.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
1/2004 - 09/2023	<p>Provides welding and repair procedure review services for numerous state DOTs. In addition, clients routinely request his services for emergency remediation such as bridge impact damage or structural failure due to fatigue or corrosion. Examples include:</p> <ul style="list-style-type: none"> • <i>New York City MTA-Long Island Railroad (sub to M&J Engineers); Third Track Expansion Project (2018-2022):</i> Reviews ITPs and welding/fabrication procedures. Also serves as subject matter expert during the fabrication of steel. • <i>Pennsylvania Department of Transportation; Statewide Contract for Structural Steel Inspection (2004-Ongoing):</i> Responsible for the review PQRs, WPSs, welder/welding operator qualification and welding repair procedures as well as recommendations for improvements. 			
1/2004 – 09/2023	Mr. Stachel has experience managing quality assurance inspection (steel, concrete, timber, RFP, miscellaneous metals, paint) contracts, and providing services that require a technician with advanced skills such as supplier audits in the US and internationally for clients/owners such as: <i>Pennsylvania DOT, Pennsylvania Turnpike Commission, New York State DOT, New York City DOT, New York State Thruway, Rhode Island DOT, Michigan DOT, Wisconsin DOT, Maine DOT, Massachusetts DOT, Vermont AOT, Florida DOT, California DOT, Virginia DOT, West Virginia DOT, and North Carolina DOT.</i> Many of these contracts require paint inspection either in the shop or field.			

(Add rows as needed)

16. Staff Experience:

Firm employed by HRV Conformance Verification Associates, Inc.				
Name	Kevin Chatary		Years of relevant experience with this employer	4
Title	Technical Advisor		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		Community College of Allegheny County, 2005, A.S., Civil Engineering Technology		
Active registration number / state / expiration date		Not Licensed Applicable Certifications: NACE Coating Inspector Level 1 – Certified (#102718, exp. 2/12/2024) [a.k.a. AMPP Basic Coatings Inspector]; Construction Manager Certification Institute–CCM (exp. 12/21/2024)		
Year registered	NA	Discipline	NA	
Contract role(s) / brief description of responsibilities		As needed technical consultation related to services for construction inspection services.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
8/2019 - 09/2023	<p>Mr. Chatary manages inspection contracts for State Transportation Authorities and private clientele to ensure work is performed to and in compliance with the appropriate specifications. He also supervises/performs audits of field staff and provides as-needed technical guidance regarding detecting and correcting problems. A sampling of his project/contract experience includes:</p> <ul style="list-style-type: none"> • <i>Rhode Island DOT, Shop Inspection and Testing Services for Structural Steel Materials (2019-2022)</i>: Involves fabrication inspection, as well as onsite field welding/coatings inspection during the construction/repair of infrastructure. • <i>Pittsburgh International Airport, \$1.4B Terminal Modernization Program (2017-Ongoing)</i>: Includes a broad range of services such as shop inspection (steel, concrete, paint, etc.), construction inspection, general inspection, coatings inspection, and NTD during construction of a new 700,000 sq terminal facility and the new multi-modal complex which includes a new roadway system. • <i>PennDOT/Beaver County, \$1.2M Brickyard Bridge and \$1.M McHenry Bridge (2020)</i>: HRV was responsible for planning, assigning, and reviewing the work of TCIs; interpreting contract specifications and requirements; and on-site technical decisions. The project involves bridge replacement; approach roadway reconstruction; drainage, guide rail, signing, and pavement marking; and other misc. construction. 			
4/2017 - 8/2019	Mr. Chatary was the Project Engineer responsible for quantity reviews, cost reviews, submittals, RFI's, force accounts, and updating the foreman and superintendents on what work needs to be completed for each project/work authorization on a variety of PA Turnpike projects such as: <i>EN-00198-03-02 Maintenance Auxiliary Highways</i> ; <i>EN-00198-03-03 Maintenance Mainline</i> ; <i>T-020.47S002-3-02 Brayman Bridge</i> ; and <i>EN-00224-03-02 2018 Maintenance Auxiliary Highways</i> .			
3/2012 - 4/2017	Mr. Chatary was the Assistant Highway Maintenance Manager for PennDOT District 11-0, construction of various projects in the Saxonburg Section and Pine Creek Section of Allegheny County. He was responsible for the supervision of 20+ employees; directing seasonal work; planning future section work; approving payrolls; competing performance reviews; creating work orders for work needing completed; monitoring roadway conditions; monitoring equipment availability; responding promptly to highway complaints; overseeing fulfillment of environmental management requirements; decision making; and managing bridge maintenance crews, relationships with townships, boroughs, municipalities and elected officials.			

16. Staff Experience:

Firm employed by HRV Conformance Verification Associates, Inc.			
Name	Richard Fulton	Years of relevant experience with this employer	9
Title	Technical Advisor	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		Indiana University of Pennsylvania, 1995, B.S., Safety Science	
Active registration number / state / expiration date		Not Licensed. <u>Applicable Certifications:</u> NACE Certified Coating Inspector – Level 3 (#30743, exp. 10/12/2024) [a.k.a. AMPP Senior Certified Coatings Inspector]; AMPP, SSPC Concrete Coating Inspector Level 2 (#CCI 114435, exp. 3/31/2024); SSPC C3 (Certificate, obtained 4/1/1999); and SSPC Quality Control Supervisor (Certificate, obtained 10/29/2013)	
Year registered	NA	Discipline	NA
Contract role(s) / brief description of responsibilities			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
5/2019 – 9/2023	<p>Mr. Fulton provides supervision and as-needed onsite painting inspection for the cleaning and painting of steel structures for various projects. He also reviews paint submittals for industrial painting projects that include the audit of abrasive blasting containment plans worker health and safety plans, disposal of lead waste plans, QC plans, and hazardous waste plans. HRV clients/contracts include:</p> <ul style="list-style-type: none"> • <i>Mississippi Department of Transportation; Bridge Inspection & Testing (Ongoing):</i> Steel fabrication inspection and field coatings inspection agreement that includes review of containment and waste handling submittal; consumable storage and handling procedures; construction management (EHS compliance plan review); paint submittal; and Quality Control Plans. (Value: \$1.5M) • <i>Port Authority of Allegheny County; Construction Management Services Subconsultant Agreement (2022):</i> Coordinates and supervises inspection staff providing as-needed construction management; coatings inspection; shop and field materials testing; and technical consultation support services on bridge, highway, garage/facilities, site work, and systems/electrical projects such as the West Mifflin Garage Expansion Project, the Mt. Lebanon Tunnel Liner Sealing Project, and the Facilities Improvement Program. (Value: Open End) 		
5/2020 – 9/2023	<p>Mr. Fulton has provided consultation related to preparation and application of coatings for the following projects:</p> <ul style="list-style-type: none"> • <i>Maine Turnpike Authority (sub to Kleinfelder Construction Services); Route 197 Bridge Rehabilitation Project:</i> Reviewed QC for plan for metalizing application of plate girders. • <i>New York City DDC’s Starlight Park (Phase II):</i> Reviewed paint plans for the application of a polysiloxane coating on structural steel • <i>Kentucky Transportation Cabinet; NSCE025 US25:</i> Reviewed painters Quality Control Plan 		
5/2014 – 5/2019	Mr. Fulton provided on-site coatings inspection services as a full time QA inspector for 5 years and continues to provide services, as needed, when a senior level technician is required. Project Experience includes:		

	<ul style="list-style-type: none"> • <i>Beaver County (PA); County Bridge No. 2, Homewood Viaduct Coating Inspection Services:</i> Responsible to perform inspection of blasting and painting of the steel girder, floor beams, diaphragms, and miscellaneous steel components of the superstructure during rehabilitation of County Bridge No. 2 – Homewood Viaduct. • <i>City of Pittsburgh (PA); Greenfield Bridge Replacement:</i> Assigned to the Greenfield Bridge site in Allegheny County, PA (State Route 7301, Section LOC) to perform onsite inspection during the application of paint to structural steel for this bridge replacement project which includes minor approach work and other miscellaneous construction. • <i>Ohio Department of Transportation; District 12 Construction Administration for Bridge Painting:</i> Assigned to District 12 field office (Mayfield Rd.) to perform coatings inspection of structural steel for 6 bridges at I-271 at Mayfield Heights. Three bridges were coated with zinc rich primer and a polysiloxane topcoat; the other 3 are painted with a zinc epoxy urethane system. Also responsible of overseeing the handling and disposal of the lead containing waste. • <i>Ohio Department of Transportation (sub to WSP); Cleveland Innerbelt:</i> Responsible for performing coatings inspection during abrasive blasting, power tool cleaning, and application of a OZEU system on the new George V. Voinovich Bridge in Cleveland, OH. Documented the existing condition of the newly applied coatings and performed extensive physical inspections for defects, flaws, runs, sags, pinholes, etc. Monitored the subsequent repairs utilizing OZEU and the ODOT CMS 514 specification. In addition to the steel components, inspected the cleaning and painting of concrete. • <i>Pennsylvania Department of Transportation; Various Projects:</i> Assigned to perform onsite inspection during paint application to structural steel bridges. Specific projects/contracts are identified below. <ul style="list-style-type: none"> - <i>Agreement for Construction Inspection Services for the Rehabilitation of the Mahoning Viaduct Project</i> consisted of full paint, steel repairs and retrofits, replacement of rocker bearings, substructure concrete repairs, deck repairs, expansion dam replacement, new traffic signals, and approach roadway work. - <i>I-79 Slippery Rock Bridge Preservation, District 10-0 Project</i> involved painting the bridge with a second-generation epoxy overlay, installing new strip seals, backwall repair/replacement, bearing retrofit or replacement, zone painting, and other miscellaneous construction. • <i>Port Authority of New York and New Jersey; Goethals Bridge P3 Replacement Project:</i> Assigned to Canam (Point of Rocks, MD) and Regal Industrial Corp. (Donora, PA) to provide QA inspection during the paint application and metalizing of structural steel components and to provide monthly audits of the shop's QC Department in accordance with project specifications, approved shop drawings, and contract requirements.
3/1999 – 2/2014	<p>Prior to joining HRV, worked at an industrial coating facility (Superior Painting). Inspected blasting and painting operations for quality on various bridge projects. Created and maintained records pertaining to the work and inspection. Evaluated worksites and corrected existing hazards. Aided the company in achieving QP1/QP2 status. Conducted safety training for all employees including new hire, annual, and toolbox talks. Performed air sampling for vapors, dust, and ambient air monitoring. Collected samples of soil, water, and hazardous waste. Coordinated disposal of hazardous waste, including preparation of hazardous waste manifest. Competent person for lead in construction; oversaw the work practices related to lead abatement and disposal. Also conducted the annual lead training for Superior Painting's employees. Developed, evaluated, and revised quality, health, and safety programs. Maintained and purchased safety and quality equipment. Scheduled and coordinated physical exams and blood tests. Maintained log of activities. <i>ODOT project experience includes SR271 – Painting of Various Bridges. PennDOT projects included the 31st Street Bridge, McCardle Bridge, Panther Hollow Bridge, 10th Street Bridge, and SR 65.</i></p>

16. Staff Experience:

Firm employed by HRV Conformance Verification Associates, Inc.			
Name	Sean Atwater		Years of relevant experience with this employer
Title	QA Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Oliver High School, 1984, Diploma, General Studies	
Active registration number / state / expiration date		Not License <u>Applicable Certifications:</u> NACE Coating Inspector Level 2 – Certified (#N-13498, exp. 5/26/2025) [a.k.a. AMPP Certified Coatings Inspector], and SSPC-C3 (Certificate, obtained 1/30/2003)	
Year registered	NA	Discipline	NA
Contract role(s) / brief description of responsibilities			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/2022 – 9/2023	<i>Pennsylvania Department of Transportation (sub to CDR Maquire); Agreement E05390 for Construction Inspection Services:</i> Project includes bridge sidewalk repair/replacement, sidewalk railing paint, full-depth concrete pavement reconstruction of SR 3104 and the 4 ramps at Helen Street, ADA ramps at Helen Street, approach slab repl., approach pavement work SR 65 & SR 51 intersections, barrier overhang/spall repair, backwall repair, protective fencing installation above railroads, and other miscellaneous construction, all as indicated on the drawings. Atwater provided inspection services during the application of coatings/paint, as well as concrete inspection and inspection during steel repairs.		
4/2022 – 9/2022	<i>Pennsylvania Department of Transportation (sub to Quinn Consulting Services); Agreement for Construction Inspection Services, SR 4053-A04:</i> Responsible for performing onsite paint application inspection of structural steel and inspection of concrete placement for <i>Wexford Run Road over Interstate 79 project</i> ; structural rehabilitation including full structure painting, overlay using latex modified wearing surface, expansion dam replacement, new approach slabs, backwall reconstruction, deck repair, bearing replacement/rehab, approach guiderail, drainage, fencing, approach pavement work, and other miscellaneous construction.		
11/2017 – 4/2022	<i>New York City Department of Transportation (sub to Pennoni); In-Process Fabrication Inspection of Structural Steel in the Northeastern US</i> Assigned to Regal Industrial Corp. (Donora, PA) and Pittsburgh Steel Processing (Carnegie, PA) to perform QA processing and coatings inspection of structural steel for the <i>Rehab of Broadway Bridge over the Harlem River, Brooklyn Bridge, Queensboro Bridge, and Unionport Bridge/Bruckner Expressway over Westchester Creek</i> projects. Worked as needed when construction season ended.		
11/2021	<i>Maine Department of Transportation; Statewide Fabrication Inspection Services:</i> Assigned to SRT Sales and Service (Canton, OH) to perform QA inspection of the painting of posts, mast assemblies, and hardware for <i>Town of Westbrook</i> project.		
4/2021 – 9/2021	<i>Pennsylvania Department of Transportation (sub to Mackin Engineers & Consultants); Agreement for Construction Inspection Services, Kennywood Park Bridge:</i> Responsible to perform onsite paint application inspection of structural steel for the <i>Kennywood Bridge Rehabilitation</i> project; a four-span bridge consisting of concrete repairs to substructure, bearing and		

Modjeski and Masters, Inc.

	expansion joint replacement, repair and paint steel girders, repair downspouts, overlay deck with latex modified concrete, stabilize slopes under bridge with rock lined channels, place rock protection at existing wingwalls, and other miscellaneous construction.
5/2020 – 8/2020	<i>Allegheny County (PA) Department of Public Works (sub to Michael Baker); Construction Management and Inspection:</i> Responsible to perform onsite paint application inspection of the touch up and repair of coatings damaged during the erection of the <i>Dookers Hollow Bridge</i> project. Inspected the existing coatings, the power tool cleaning of damaged areas, and the application of multiple coats of paint.
2/2020 – 5/2020	<i>Veritas Steel; Onsite Delivery Inspections:</i> Assigned to site location to provide onsite delivery inspection of shop coated structural steel for the District of Columbia DOT's <i>Frederick Douglass Memorial Bridge</i> project.
1/2020 – 2/2020	<i>New York City MTA-Long Island Railroad (sub to M&J Engineers); Third Track Expansion Project:</i> Assigned to Michael J. Gallagher Inc. (Sayville, NY) to perform QA inspection of the painting of galvanized piles and sound walls. Inspection was performed in accordance with ASTM A123, the New York State Steel Construction Manual (NYSSCM), and project specifications. Duties included coatings inspection, reporting, and documentation.
3/2019 – 7/2019	<i>Pennsylvania Department of Transportation (sub to Michael Baker); Agreement for Construction Inspection Services, SR 3010 L04:</i> Responsible to perform onsite paint application inspection of structural steel for the bridge rehabilitation project that included full painting, approach, work drainage, guide rail, pavement markings, and other miscellaneous construction on SR 3010, Section L04 (West Washington Street) in the City of New Castle (Lawrence County).
7/2016 – 11/2018	<i>Pennsylvania Department of Transportation; Agreement for Construction Inspection Services, Liberty Bridge:</i> Project included the rehabilitation of the mainline <i>Liberty Bridge (SR 3069) over the Monongahela River, the Boulevard of the Allies Ramps, and portions of the Boulevard of the Allies</i> in the City of Pittsburgh (Allegheny County). The rehab work included replacement/repair of approach slabs, expansions dams, bridge deck, downspouting, new precast exodermic, decking tooth dams, various deteriorated concrete repairs and steel repairs/retrofits, full paint of the superstructure, latex overlays, and asphalt overlays. Responsible for performing onsite paint application inspection of structural steel.
6/2017 – 8/2017	<i>City of Pittsburgh (PA); Greenfield Bridge Replacement:</i> Assigned to the <i>Greenfield Bridge</i> site in Allegheny County, PA (State Route 7301, Section LOC) to perform onsite inspection during the application of paint to structural steel for this bridge replacement project which includes minor approach work and other miscellaneous construction. Worked on this project and the Liberty Bridge in the same time period.
9/2014 – 8/2016	<i>Pennsylvania Department of Transportation; Agreement for Construction Inspection Services, SR 376-A49:</i> Responsible to perform paint application inspection of structural steel for the <i>Penn Lincoln Parkway Bridge</i> preservation and rehabilitation project, sign structure rehabilitation and replacement, bituminous milling and resurfacing, concrete pavement, drainage, guide rail, signing and pavement marking, and painting structural steel.

16. Staff Experience:

Firm employed by HRV Conformance Verification Associates, Inc.			
Name	Ralph Lowe		Years of relevant experience with this employer
Title	QA Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Community College of Allegheny County, 2003, 2 Years Completed, Biology Peters Township High School, 1991, Diploma, General Studies	
Active registration number / state / expiration date		Not Licensed <u>Applicable Certifications:</u> NACE Coating Inspector Level 1 – Certified (#62137, exp. 3/22/2025) and SSPC-C3 (Certificate, obtained 3/18/2010)	
Year registered	NA	Discipline	NA
Contract role(s) / brief description of responsibilities			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
8/2023 – 10/2023	<i>Pennsylvania Department of Transportation – District 2 (sub to Micheal Baker); Agreement 04891 – Districtwide Construction Inspection Services:</i> Providing quality assurance inspection of abrasive blast and paint using a 3 coat NEPCOAT system. Project involves concrete repairs to the arch barrel, headwalls and wingwalls, bridge decks, and piers. Steel repairs will be performed to the existing truss. Other bridge work includes sidewalk reconstruction, substructure repairs, joint repairs, bearing repairs, painting, and epoxy overlays. Work also includes Superpave Asphalt Mixture Designs for all paving courses, guide rail, pavement markings and miscellaneous construction for a total construction.		
8/2022 – 10/2022	<i>Pennsylvania Department of Transportation – District 2 (sub to Erdman Anthony); Agreement 04617 – Districtwide Construction Inspection Services:</i> Provided quality assurance inspection during abrasive blast and paint application of a 3 coat NEPCOAT system for the bridge SR346-P33 in McKean County, according to Pub 408 and project specifications. The project involved the rehabilitation of bridge SR346-P33 in McKean County, PA. Construction involved concrete bridge deck repairs, concrete repairs of abutment, epoxy overlay of bridge decks, cleaning and painting of steel bearings, strip seal dam replacement, pavement markings, temporary traffic signals, and miscellaneous construction.		
7/2019 – 10/2020	<i>New York City MTA-Long Island Railroad (sub to M&J Engineers); Third Track Expansion Project:</i> Assigned to V&S Amboy Galvanizing (Perth Amboy, NJ) to perform coatings inspection of piles and sound walls used in the LIRR Expansion Project from Floral Park to Hicksville. Assigned to Michael J. Gallagher Inc. (Sayville, NY) to perform QA inspection of the painting of galvanized piles and sound walls. Duties included coatings inspection, reporting, and documentation. Services provided as-needed throughout a 2-year time period (between field inspection projects).		
3/2020 – 9/2020	<i>Ohio Department of Transportation; District 12 Construction Administration for Bridge Painting:</i> Assigned to District 12 field office (Lanken Ave.) to perform coatings inspection of structural steel for 3 bridges at I-90 (E. 185th, Neff, and E. 200th); assigned to District 12 field office (Lanken Ave.) to perform coatings inspection of zone blasting of 1 bridge at I-90; and assigned to District 12 field office (Triskett Rd.) to perform coatings inspection of structural steel for West 100th Street bridges. Assigned to District 12 field office (Triskett Rd.) to perform inspection on the cleaning and application of 3 coat system according to ODOT specification and project documentation for the West 25th street over I-90 project.		

9/2019 – 11/2019	<i>Port Authority of New York and New Jersey; Structural Steel Inspection and Non-Destructive Testing Services:</i> Assigned to LaGuardia Airport Field Site (Queens, NY) to perform structural steel inspection and coatings inspection <i>Projects worked under this contract: LaGuardia PPP – East Roadway Structures Bridges.</i>
8/2019	<i>Allegheny County (PA) Department of Public Works (sub to WSP); Construction Management and Inspection of the Rachel Carson (9th Street) Bridge:</i> Responsible to perform onsite coatings inspection during the paint application of structural steel assuring conformance with plans, specification and compliance with required processes and applicable codes. Project involves the rehabilitation of a 6 span, 960 ft. bridge. The structure consists of a 3 span self-anchored steel eyebar suspension bridge and 3 approach spans being riveted built up girders. Work includes steel repairs, concrete deck replacement, painting, and lighting.
5/2019 & 7/2019 – 8/2019	<i>Allegheny County (PA) Department of Public Works (sub to JMT); Construction Management and Inspection on Federal Bridge Preservation Projects:</i> Assigned to perform coatings inspections for the Homestead Grays Bridge and 16 th Street Bridge.
5/2019 – 7/2019	<i>Pennsylvania Department of Transportation (sub to Urban Engineers); Agreement for Construction Inspection Services, SR0202-3RR, District 6:</i> Assigned to field site in West Chester, PA to preform construction inspection services including onsite paint application inspection of structural steel. Project involved rehabilitation and reconstruction of an existing dual six-span, steel plate multi-girder structure with varying span; existing concrete pavement restoration to include full depth replacement as well as full depth & partial depth pavement repair in severely distressed pavement areas, sealing of low and medium severity transverse cracks, cleaning and sealing the concrete joints to remove the incompressible material that may have entered into the joints; CCTV installation on an existing sign structure located north of the Gulph Road intersection; rehabilitation of pier caps 1 & 3 and the near abutment of the Morstein Road bridge that carries Morstein Road over US 202 using pressure mortar concrete repairs; replacement of 2 existing cantilever sign structures on southbound SR 0202 for the SR 0030 exit ramp; drainage improvements; concrete median barrier; guiderail removal and installation; signing; pavement markings; grounding and bonding work meeting Amtrak requirements; and the installation of ITS network elements.
4/2019	<i>Ohio Department of Transportation (sub to KCI Technologies); District 10 Construction Inspection for Bridge Painting:</i> Provided on-call to paint/coatings inspection for various bridge projects in accordance to the Department’s Construction Administration Manual of Procedures and the Construction and Materials Specifications.
4/2018 – 11/2018	<i>Ohio Department of Transportation (sub to WSP); Cleveland Innerbelt:</i> Performed in-process, quality control inspections of the IOZEU system applied to the new George V. Voinovich Bridge in Cleveland, OH. Documented the existing condition of the newly applied coatings and performed extensive physical inspections for defects, flaws, runs, sags, pinholes, etc. Supervised other QC inspectors in similar duties. Monitored the subsequent repairs utilizing OZEU and the ODOT C&MS 514 specification. Responsible to perform inspections of paint application on structural steel members.
3/2016 – 12/2017	<i>Pennsylvania Department of Transportation (sub to Michael Baker); Agreement for Construction Inspection Services, Liberty Bridge:</i> Assigned to perform coatings QA inspections during the rehabilitation and repainting of this large-scale, complex under deck truss structure as-needed over a 2-year period of time. All of the structural steel members were cleaned to SSPC-SP 10 and an OZEU coating system was applied to 100% of the structure. Inspection duties included monitoring ambient conditions, recording DFT/WFT readings, documenting batch numbers and other duties typically associated with the cleaning and painting of complex structures. Final inspection duties included demarcating and monitoring the repairs to the OZEU coatings system.

16. Staff Experience:

Firm employed by HRV Conformance Verification Associates, Inc.				
Name	Walter Davis		Years of relevant experience with this employer	5
Title	QA Inspector		Years of relevant experience with other employer(s)	
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		Not Licensed		
		<u>Applicable Certifications:</u> NACE Coating Inspector Level 1 – Certified (#62137, exp. 3/22/2025) and SSPC-C3 (Certificate, obtained 3/18/2010)		
Year registered	NA	Discipline	NA	
Contract role(s) / brief description of responsibilities				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10/2019 – 4/2023	<i>Florida Department of Transportation (sub to Archer Western- de Moya JV III); Existing Interior Bridge Painting Inspection:</i> Assigned to project sites (Ft. Lauderdale, FL area) to conduct coatings assessment on the interior of bridge tub girders with the owner’s representative for the <i>Broward I-95 Express Lanes Ph3C</i> project. Services were provided on-call over a 2+ year time period.			
10/2022	<i>New York City Department of Transportation (sub to Pennoni); In-Process Fabrication Inspection of Structural Steel in the Northeastern US:</i> Assigned to JC Machine Shop (Miami, FL) to perform as-needed coatings inspection for the <i>Unionport Bridge/Bruckner Expressway over Westchester Creek</i> .			
6/2019 – 8/2022	<i>Mississippi Department of Transportation; Bridge Inspection and Testing:</i> Assigned to project site locations to verify conformance with the painting special provisions and applicable contract documents, review QC documentation, daily and periodic visual and confirmatory testing and duplicate spot checks of critical coating inspection hold points (such as surface cleanliness). Provided QA field inspection of the painting process for all existing structural steel over approximately 6,000 square feet for <i>Bridge No. 92.5 Airport Road over I-59</i> , a multi-span girder bridge (Jones County); approximately 28,000 square feet for <i>Bridge No. 69.9 SR 50 over Chuquatonchee Creek</i> , a multi-span girder bridge (Clay County); approximately 52,000 square feet for <i>SR 609/Fort Bayou Bridge</i> , a bascule bridge (Jackson County); approximately 13,000 square feet for <i>Bridge No. 0.5 SR 145 between SR 45 and US 45</i> , a multiple-span girder bridge (Lee County); <i>Bridge No. 3.5 SR 605 Over Industrial Waterway</i> (Harrison County), a 1394-foot long, multi-span bascule bridge; and <i>US 49 over the Biloxi River</i> , a multi-span steel stringer bridge.			
11/2019	<i>Kentucky Transportation Cabinet; Steel Fabrication Quality Assurance Inspection Services:</i> Assigned to Big R Bridge (Abingdon, VA) to perform QA inspection on structural steel for the <i>Weisenberger Mill Road (CR-1015)</i> project, a truss bridge.			
9/2019 – 11/2019	<i>Maryland Transit Authority (sub to Purple Line Transit Constructors); Coatings Inspection for Purple Line Expansion:</i> Assigned to Big R Bridge (Abingdon, VA) for inspection of the application of a three-coat zinc-based paint system for a pedestrian truss bridge in accordance with project specifications.			

8/2018 – 11/2018	<i>Pennsylvania Department of Transportation (sub to CMC Engineering); Agreement for Construction Inspection Services, SR 0081, District 4:</i> Project included the rehabilitation of a steel deck arch bridge over the Delaware River including the replacement of the steel grid deck span, 2 stringers, sidewalks, and bridge railings. Also includes bridge approach full depth bituminous paving, milling and overlay, drainage improvements, sidewalks and curbing, guiderail, pavement markings, and reinstallation of traffic beacon, all contained in an overall length of approximately 500 linear feet in PA and 450 linear feet in NY.
1/2013 – 12/2017	<i>Massachusetts Department of Transportation; Coatings Inspection:</i> Performed coatings inspection in compliance with MassDOT 961 specifications. Performed coatings inspection on a variety of bridge structures in throughout the state. Services provided prior to joining HRV.
1/2012 – 12/2012	<i>Connecticut Department of Transportation; Coatings Inspection:</i> Performed coatings inspection on a variety of bridge structures throughout Connecticut. Services provided prior to joining HRV.
6/2011 – 12/2011	<i>Various Project Owners; Coatings Inspection:</i> Performed coatings inspection in compliance with owner specifications. Performed coatings inspection on a variety of tanks, pipes, and bridge structures in Houston, TX. Services provided prior to joining HRV.
1/2010 – 6/2011	Performed coatings inspection in compliance with owner specifications. Responsible for performing paint application inspection of structural steel. Performed coatings inspection on several jobsites including US 1 over the Mystic River (Mystic, CT) and SR 884 over the Caloosahatchee River (Alva, FL). Services provided prior to joining HRV.

16. Staff Experience:

Firm employed by C. H. Fenstermaker & Associates, L.L.C.			
Name	Travis Bodin, MBA, PLS, PMP		Years of relevant experience with this employer
Title	Vice President, Survey and Mapping		19
Degree(s) / Years / Specialization		Years of relevant experience with other employer(s)	
		1	
Degree(s) / Years / Specialization		MBA / 2021 / Business Administration B.S. / 2004 / Industrial Technology	
Active registration number / state / expiration date		5067 / LA / 03-31-2024	
Year registered	2011	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities		Principal / Professional Land Surveyor	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	Travis Bodin, MBA, PLS, PMP has extensive surveying, management, and coordination experience. He has served as the Lead Professional Land Surveyor for projects across Louisiana. His responsibilities have included the management of surveying/ROW services, utility relocation coordination, coordinating with parish, state, and federal agencies and sub-consultants, cost estimating, scoping, scheduling and planning, resource management, and construction management services. With his background in surveying and project management, Mr. Bodin has performed and participated in multi-million-dollar projects consisting of large scale topographic and bathymetric surveys, development of high accuracy GPS networks, landowner notification and documentation, the development of DTM, infrastructure documentation, GIS integration, and process and procedure development. Mr. Bodin has conducted management duties for both field and office activities on survey and engineering projects.		
05/19-03/21	S.P. H.005967 Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA) Fenstermaker completed the topographic and boundary surveys, established control, processed data, reviewed title reports, established property boundaries, and mapped encumbrances for the ~0.75 miles Railroad Relocation. LADOTD survey feature codes were utilized for this project, and LADOTD right-of-way maps along with COGOWIN legal descriptions were created. Mr. Bodin served as Project Principal and performed quality assurance and quality control tasks for this project.		
12/08 - 07/18	LADOTD Permit No. 03030387: Kaliste Saloom Road Widening, Intersection Improvements, Bridge, and CE&I (LA 3073 to LA 733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA) Mr. Bodin served as the Surveyor Project Manager. Fenstermaker performed the topographic survey of all cross street and road tie-ins, cross sections for the purpose of an existing elevation DTM and parcel boundaries effected by the ROW. Mr. Bodin was responsible for field crew coordination, topo/boundary surveys, ROW plats, monuments, data processing, plats and legal descriptions.		
04/12 – 09/13	Baker Canal Bridge (US 61) (East Baton Rouge Parish, LA) As a subconsultant, Fenstermaker’s responsibilities were to survey the existing project extents for the creation of an accurate DTM of the project area, create construction plans, demolition of the existing bridge, and construction of a detour bridge.		
10/12 – 05/14	S.P. No. H.008173: US 190 & 4-H Club Rd (LA 1032) Turn Lanes (Livingston Parish, LA) This project involved the construction of an additional turning lane along 4-H Club Road. Fenstermaker was responsible for creating construction plans, and Mr. Bodin served as the Lead Surveyor, responsible for coordinating the survey crew to collect topography, boundary		

	information, and drainage information. He also coordinated with the title abstractor and processed the survey data into a LADOTD format for use in CAD.
07/13-08/15	S.P. No. H.010620: US 90 (I-49 South) Albertson Pkwy to Ambassador Caffery Design-Build (Lafayette Parish, LA) Fenstermaker was the Design Engineer for James Construction. Mr. Bodin was the Surveyor responsible for managing all topo surveying provided by the sub-consultant on the improvements to the roadway. Some of the main elements of the six-lane mainline roadway project include an overpass at the Burlington Northern Santa Fe Railway, a grade separation at Albertson's Pkwy and improved connectivity between US 90 and LA 182.
05/17-10/17	S.P. No. H.009932 US 80 Widening: Vancil Rd to Well Rd EA (Ouachita Parish, LA) Mr. Bodin served as the Survey Manager for this Environmental Assessment to improve the corridor by widening the existing roadway and implementing intersection improvement principles along a 1.4-mile portion of US 80. He assisted with GIS mapping, utility identification, and LIDAR mapping.
09/13 – 01/19	LADOTD Permit No. 153198, 153357, 153587: Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 & LA379) (Calcasieu Parish, LA) Mr. Bodin served as the Lead Surveyor in providing topographic, boundary, and route surveying to aid in the coordination with public and state agencies for the construction of a 2.4-mile roadway. Services include mapping for the acquisition of agreements between Sasol and third-party utilities, platting for acquisition and dedication of property needed for various construction activities and state agencies, and Quality Control services of construction activities that were conducted which included monument review and location mapping. Mr. Bodin was responsible for field coordination, data processing, ROW generation, servitude and ROW mapping and topo surveys.
10/13 - 01/14	S.P. No. H.011014 LA 3002: U-Turn (Livingston Parish, LA) Fenstermaker was responsible for the improvements made for a J-Turn between North Range Rd and South Range Rd (LA 3002). Mr. Bodin was responsible for preparing ROW Maps in accordance with DOTD requirements. Mr. Bodin coordinated the Fenstermaker survey crew to perform topographical survey and utility relocation. Mr. Bodin also acted as quality control on title research and ROW maps and processed the survey data
08/11-04/12	S.P. No. 4400002537: Red River Jackson Street Bridge (LA 165) As a subconsultant, Fenstermaker's responsibilities included surveying, generating plats for the existing right of way, and drafting construction drawings for an access road and right of way maps for the proposed right of way takes. Mr. Bodin coordinated survey crews, created the right of way maps required for the project and was the Surveyor of Record for the project.
11/17-04/18	10 Bridge Replacements and Widening along I-10: Texas State Line–E. of Coone Gully – Roadway Lighting (Calcasieu Parish, LA) As a sub, Fenstermaker provided surveying services for this project, which entailed widening 10.5 miles of I-10 to six lanes from the Texas state line to east of LA 108, replace and widen 10 bridges, and replace the eastbound weigh-in-motion system. Fenstermaker performed a utility location survey for subsurface and above-ground utilities and a Mobile LiDAR Survey to capture 3D topographic data including existing ground and hard surfaces. Fenstermaker collected data on existing drainage structures, communication towers, billboard signs, trees, other overhead structures, and on the edge of the existing roadway/pavements. Mr. Bodin was responsible for QA/QC of survey, as well as data review and reporting related to LiDAR.
06/12-Present	S.P. No. H.006459 Roundabout at Churchpoint/Roddy Road (Ascension Parish, LA) Mr. Bodin is serving as the Professional Land Surveyor Lead on the design and re-design of this roundabout project. Mr. Bodin directed all surveying efforts, ROW mapping, and other tasks.

16. Staff Experience:

Firm employed by C. H. Fenstermaker & Associates, L.L.C.				
Name	Bradford Millett, PLS, E.I.		Years of relevant experience with this employer	10
Title	Surveyor		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2014 / Civil Engineering		
Active registration number / state / expiration date		5245 / LA / 03-31-2025		
Year registered	2020	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities		Project Manager / Professional Land Surveyor		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
	Ms. Millett is a Professional Land Surveyor at Fenstermaker whose responsibilities consist of field crew coordination, data collection and processing, preliminary layout and design of boundary and right of way plats, ALTA surveys and Development and Planning subdivision platting process. Her experience also includes project management as well as public meetings, client relations, utility coordination, and other components associated with surveying services. Ms. Millett is also responsible for the preparation of proposals for the Engineering, Advanced Technologies, and Surveying Divisions.			
07/13-09/17	Kaliste Saloom Road Widening, Ambassador Caffery Pkwy to E. Broussard Rd, (Lafayette Parish, LA) Fenstermaker was responsible for the widening of approximately two miles of Kaliste Saloom Road, a highly congested major arterial roadway located in the center of the City of Lafayette, Louisiana. The project was then split into three phases to include drainage outfall construction, utility relocations, and roadway construction. Fenstermaker is the direct responsible charge of all design components and construction management for improvements. Ms. Millett assisted with topographic and boundary surveying, utility relocation, right of way plats, drainage design, as-built surveys, and coordination of survey crews in the field for Phases 3A and 3B.			
06/14-03/17	East Pont Des Mouton Road Widening & Water/Sewer Design (Lafayette Parish, LA) Fenstermaker was selected to perform engineering design services for the construction of a 1.4-mile four-lane divided curb and gutter roadway with raised median (boulevard section), sidewalks, subsurface drainage, and street lighting. The improvements replaced an existing 2-lane roadway of East Pont des Mouton Road. Ms. Millett completed the required topographic and as-built survey, as well as boundary surveys and right of way plats, as needed.			
05/2017-07/22	LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA) Fenstermaker is preparing construction plans and acquisition documents for the LA 675 Roundabout at Acadiana Airport Access Roadway in Iberia Parish. ARA Access Road will be extended to the south to connect to LA 675. The roundabout will be constructed at this connection. Reconstruction of the US Frontage Road will also be completed. Ms. Millett served as the lead surveyor and coordinated all survey services for the project.			
09/13-10/19	Sasol LCCP-Heavy Haul Road (LA378 & LA739) (Calcasieu Parish, LA) This was a \$12.9 million contract with Fluor for engineering and consulting services which include the design of a 1.5-mile heavy haul route that will be utilized to transport oversized modules from the Calcasieu River to the proposed plant site in Westlake, Louisiana. Ms. Millett was responsible for topographic and boundary data collection and data processing, as well as the generation of Louisiana Department of Transportation and Development Right of Way Maps for the 1.5-mile corridor to acquire servitudes and right of ways. She was also in charge of utility coordination for the relocation of AT&T lines throughout the route.			

06/20-present	IDIQ Contract for Louisiana Watershed Initiative (LWI)–Region No. 6 Fenstermaker is contracted as a subconsultant for this unprecedented project that will manage the future flood risk in Louisiana through watershed-based solutions. Fenstermaker is responsible for assisting with various tasks including data collection, data gap analysis, surveying, drone imaging, and GIS services to successfully complete interactive, usable, and manageable hydraulic and hydrologic models for Region 6. Through TO 1, Fenstermaker is identifying, collecting, and analyzing available data, and stakeholder and agency coordination. Fenstermaker has acquired channel surveys and hydraulic structure data from existing models, studies, engineering drawings, as-built drawings, and through coordination with local, regional, state, and federal agencies. Fenstermaker is responsible for converting all acquired data to the project datum and confirming the validity of information compared to current field conditions to complete a data gap analysis. Ms. Millett serves as Survey Project Manager.
05/15-11/21	Ham Reid Road Extension (Calcasieu Parish, LA) Ham Reid Road is a two-phase, \$14.25 million construction project that includes a unique 1-mile asphalt roadway corridor, incorporating walkability and green infrastructure. The corridor includes a 2-lane (1-lane in each direction with a median) boulevard section with a roundabout located at the intersection of Ham Reid Road and LA 384/Nelson Road. Ms. Millett was responsible for creating survey exhibits, processing survey data, and setting up and updating the project’s Falling Weight Deflectometer (FWD) tests.
09/17-12/20	Red Davis McCollister Road and South Park Drive Roundabout (Calcasieu Parish, LA) This project consists of improving a four-way existing intersection with a single lane roundabout at the intersection of Red David McCollister Road and South Park Drive in Calcasieu Parish. Ms. Millett reviewed the abstracting tasks for the project, performed quality control on control sheets, calculated estimates for staking, and assisted with the construction survey estimate.
04/15-02/19	Coach Williams Blvd. Extension (Calcasieu Parish, LA) This project consisted of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). Fenstermaker is the prime on this project and is responsible for the environmental assessments prior to design, drainage design, pavement design, and the geometrics of the road. In addition, Fenstermaker conducted the surveying required to design the road. Ms. Millett’s responsibilities included coordinating and reviewing appraisal reports and plats, coordinating all the topographic and boundary surveys, processing data and coordinating with utility companies within the proposed route.
10/18-05/19	Farm Road Multi-Bridge Replacement (Calcasieu Parish, LA) Fenstermaker was contracted by Calcasieu Parish Police Jury to provide professional engineering services related to the replacement of two (2) bridges located on Farm Road. Ms. Millett worked with the project engineer to complete the project control establishment and topographic survey required for this project.
04/16-09/18	Lebesque Road Bridge Replacement and Road Reconstruction (Lafayette Parish, LA) Fenstermaker was contracted by Lafayette Consolidated Government to provide the design of the replacement of Lebesque Bridge and Lebesque Road Reconstruction. Ms. Millett served as the lead surveyor, providing survey crew coordination, utility coordination, boundary surveys and right-of-way plats.

16. Staff Experience:

Firm employed by C. H. Fenstermaker & Associates, L.L.C.				
Name	Justin Bordelon, PLS		Years of relevant experience with this employer	17
Title	Manager, Surveyor		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2009 / Business Administration		
Active registration number / state / expiration date		5271 / LA / 03-31-2024		
Year registered	2021	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities		Professional Land Surveyor		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
	Justin Bordelon, PLS is a Professional Land Surveyor in Louisiana. His initial surveying work included performing underwater acoustic investigations and hydrographic survey. As he gained more experience, Mr. Bordelon became Fenstermaker’s underwater acoustic investigation manager and worked on many projects, including an inspection of over 100 bridges for the Louisiana Department of Transportation and Development. He then became a Survey Crew Manager and managed crews in Lafayette, Shreveport, and Midland, TX. Mr. Bordelon currently coordinates and supervises activities of field and office personnel for remote sensing projects. He also acts as Project Manager and assists in pre-project planning and post data collection analysis. Additionally, he is responsible for client interaction and coordination.			
05/19-03/21	S.P. H.005967 Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA) Fenstermaker completed the topographic and boundary field surveys, established control, post-processed data, reviewed title reports, established property boundaries and mapped encumbrances for the approximately 0.75-mile Railroad Relocation for the Port of Lake Charles in Lake Charles, Louisiana. LA DOTD survey feature codes were utilized for this project, and LA DOTD Right of Way maps along with COGOWIN legal descriptions were created. The maps followed the specifications set forth in the LA DOTD Location & Survey manual in conjunction with direction from LA DOTD agents. Maps went through LA DOTD's internal review process and have been accepted for final recordation. Mr. Bordelon was responsible for field coordination for this project.			
03/11-01/17	H009112.5: Mississippi River Bridge (1-20) Underwater Acoustic Imaging (Madison Parish, LA and Warrant County, MS) Survey Technician: Fenstermaker was contracted by DOTD to provide Underwater Acoustic Imaging visualization of the E-1 and E-2 Bridge piers after the piers were struck by a wayward barge which then sunk lodged against the north nose of pier E-1. The project consists of an Underwater Acoustic Investigation of the piers with specific emphasis on any disturbance or damage that could have resulted from the barge collision. The investigation encompasses the bridge piers and support caissons as well as the instrumentation caissons. Mr. Bordelon served as lead survey tech for this project.			
01/12-12/14	Underwater Acoustic Imaging for Bridge Inspection Statewide (Louisiana) Fenstermaker was contracted to provide Underwater Acoustic Imaging (UAI) services for the underwater bridge inspection of pier systems for 72 state-maintained bridges. The project scope consisted of an underwater acoustic Inspection and evaluation of the submerged components of the piers utilizing a multi-axis, steered beam imaging, and profiling remote sensing system with all acoustic data correlated to a Real Time Kinematic (RTK) GPS positioning system. The purpose of the inspection and evaluation was to identify and locate any major damage or deterioration of the pier structures along with a detailed localized inspection of any observed anomalies using both the acoustic imaging system and dive inspection; and to identify any localized scour impact or erosion of the surrounding			

	water bottom. Mr. Bordelon served as the Manager Field Team responsible for the management of all field resources (personnel and equipment) and the quality and accuracy of all field data collection activities.
07/20-08/20	Pointe-a-La-Hache Ferry Landings (Plaquemines Parish, LA) The project consisted of performing a rehabilitation of the Pointe-La-Hache East Bank and West Bank Ferry Landings for the ferry crossing the Mississippi River. The rehabilitation includes the replacement of the existing Ramp Bridge and its substructures and foundations, replacement of the existing Ramp Bridge lift towers, replacement of the existing pile and chain dolphins, and all associate roadway tie-ins and site development. As a sub to Modjeski and Masters, Fenstermaker performed sidescan sonar for the hydrographic survey of the ferry landings to support the design of the rehabilitation. Mr. Bordelon performed quality control on the collected sidescan and MS1000 data, processed data, performed a mosaic analysis and processed mosaic files, and prepared deliverables for the client.
11/17-04/18	I-10: Texas State Line – E. of Coone Gully – Roadway Lighting (Calcasieu Parish, LA) Mr. Bordelon served as Project Manager on this project. As a sub to Modjeski & Masters, Fenstermaker provided professional surveying services for this project, which entailed widening 10.5 miles of I-10 to six lanes from the Texas state line to east of LA 108, replace and widen 10 bridges, and replace the eastbound weigh-in-motion system. Specifically, Fenstermaker performed a utility location survey for both subsurface and above-ground existing utilities and a Mobile LiDAR Survey to capture 3D topographic data including existing ground and hard surfaces. Additionally, Fenstermaker collected data on existing drainage structures, communication towers, billboard signs, trees, other overhead structures, and on the edge of the existing roadway/pavements.
03/10	Almonaster St. Bridge Damage Inspection (Orleans Parish, LA) Fenstermaker was contracted to perform and Underwater Acoustic Imaging investigation of the Almonaster Avenue Bridge and the fendering system for the bridge. This entailed scanning the bridge abutments as well as the fendering system and Dolphin Cells as well as documenting the disposition of debris on the water bottom. Mr. Bordelon served as project manager and survey technician in support of the dive work performed.
09/10	SPN. 700-29-0112: Leeville Pier #1 Acoustic Imaging (Lafourche Parish, LA) Survey Technician: Fenstermaker was contracted to perform and Underwater Acoustic Imaging Investigation of the partially removed Pier 1 remnant from the old Leeville Bridge over Bayou Lafourche. The intention was to document the disposition of the pier remnant, providing information for planning of further removal of the pier remnant.
06/10-01/17	SPN. 426-31-0015: Sunshine Bridge Underwater Acoustic Survey (St. James Parish, LA) Survey Technician: Fenstermaker was contracted to perform and Underwater Acoustic Imaging Investigation of the pier protection systems on Piers 3, 4, and 5 of the Sunshine Bridge near Donaldsonville, Louisiana.
06/12-present	S.P. No. H.006459 Roundabout at Churchpoint/Roddy Road (Ascension Parish, LA) Fenstermaker completed a roundabout study at Churchpoint Road and Roddy Rd. The study was completed in compliance with “EDSM VI.1.1.5, Roundabout Study and Approval.” Following LADOTD’s approval, Fenstermaker began final design of the roundabout. The traffic analysis included utilization of the software SIDRA to compare a stop-controlled intersection, signalized intersection, and roundabout. Safety data was collected for a three-year period and analyzed for correctible crashes at the intersection. Mr. Bordelon was responsible for field coordination for this project.
03/11-04/11	SP No. 700-55-0125: Houma Navigation Canal Bridge Rehabilitation (Terrebonne Parish, LA) Fenstermaker was tasked with providing an Underwater Acoustic Investigation of the Fendering Systems and rotating pier of the Houma Navigation Canal Bridge to document deficiencies in the fendering systems for rehabilitation of the bridge. Mr. Bordelon serves as survey tech.

17. Firm Experience:

Firm name	Modjeski and Masters, Inc.		Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	LA 182 Berwick Bay Bridge – Cleaning and Painting		Firm responsibility (prime or sub?)	
Project number	T. O. H.011487.6	Owner’s name	LADOTD	
Project location	Morgan City, LA		Owner’s Project Manager	Greg Coco, PE
Owner’s address, phone, email	P. O. Box 94245, Baton Rouge, LA 70804, (225) 379-1563, Greg.Coco@LA.GOV			
Services commenced by this firm (mm/yy)	12/2022	Total consultant contract cost (\$1,000’s)		\$2,789
Services completed by this firm (mm/yy)	12/2025 est.	Cost of consultant services provided by this firm (\$1,000’s)		\$1,791

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

This project involves the QA painting inspection and environmental monitoring of lead paint removal, cleaning and painting of existing and new steel required for the Berwick Bay Bridge in Morgan City, LA. The bridge spans the Atchafalaya River and consists of three 607-ft riveted K-truss spans and forty-two (42) approach spans. Tasks include reviewing all QA inspection daily and weekly reports, monthly estimates for work completed by the contractor, and attending progress meetings. In addition, M&M reviewed and approved contractor submittals prior to construction and provides RFI review and guidance to LADOTD during construction.



Personnel: **Ralph J. Eppehimer, PE, Anthony Schoenecker, PE, Michael J. Beitzel, NACE, Scott C. Gordon, NACE, Bryan E. Swartz, NACE, Chad Skoien**

17. Firm Experience:

Firm name	Modjeski and Masters, Inc.		Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Parkersburg Memorial Toll Bridge Cleaning and Painting		Firm responsibility (prime or sub?)	Prime
Project number	Task Order #9	Owner's name	United Bridge Partners	
Project location	Parkersburg, West Virginia		Owner's Project Manager	Kenneth Szeliga (United Bridge Partners)
Owner's address, phone, email	2001 Garfield Avenue, Parkersburg, WV 26101, (720) 893-7504, kszeliga@unitedbridgepartners.com			
Services commenced by this firm (mm/yy)	4/2022	Total consultant contract cost (\$1,000's)		\$2,163
Services completed by this firm (mm/yy)	12/2023 est	Cost of consultant services provided by this firm (\$1,000's)		\$1,407

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

Modjeski and Masters is responsible for overseeing the on-site AMPP certified coating inspector team performing QA inspection for the cleaning and painting of the 2,100' steel truss bridge over the Ohio River. The duties include reviewing all QA inspection daily and weekly reports, monthly estimates for work completed by the contractor, and attending progress meetings. M&M also reviewed and approved contractor submittals prior to construction and provides RFI review and guidance to UBP during construction. The firm also provided engineering services to prepare the contract plans and specifications for the cleaning and painting of the main bridge metalwork, the approach metalwork and cleaning and painting of the concrete substructure.

Personnel: **Ralph J. Eppheimer, PE, Anthony Schoenecker, PE, Michael J. Beitzel, NACE, Bryan E. Swartz, NACE, Chad Skoien, John Coon, Erik Coon**



17. Firm Experience:

Firm name	Modjeski and Masters, Inc.		Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Huey P. Long Bridge, Cleaning and Painting (Segment 8)		Firm responsibility (prime or sub)	Prime
Project number		Owner's name	New Orleans Public Belt Railroad	
Project location	Jefferson Parish, LA		Owner's Project Manager	Carl Kocur
Owner's address, phone, email	4822 Tchoupitoulas Street, New Orleans, LA 70115, (504) 896-7420, carlk@nopb.com			
Services commenced by this firm (mm/yy)	12/2021	Total consultant contract cost (\$1,000's)		\$789
Services completed by this firm (mm/yy)	1/2023	Cost of consultant services provided by this firm (\$1,000's)		\$441

The project provided for the development of contract plans and specifications for the cleaning and painting of the proposed Segment 8 of the Huey P Long Mississippi River Bridge. This segment of the bridge consists of the railroad east approach towers and girder spans from Bent 36E to 61E and excludes the new girder spans between Bents 45A and 49A which were newly repainted during the widening project railroad modifications. The railroad girder top flange surfaces that are under and between the railroad ties will be excluded from required cleaning and painting. The railroad walkway plates and railings are also excluded. Metalwork repairs will be included to disconnect tower top lateral connections to the underside of the girder bottom flanges to allow for cleaning and removal of pack rust and cleaning and painting and adding spacing plates and new fasteners to restore the connection. Construction support including on-site inspection services as well as environmental monitoring services are being provided for the duration of the construction activities. M&M is responsible for Quality Assurance inspection for the cleaning and painting of the elevated railroad bridge. The duties included QA inspection of all cleaning and painting activities, preparing daily and weekly reports, preparing monthly estimates for work completed by the contractor, verifying contractor compliance with the contract plans and specification, and attending progress meetings. M&M also reviewed and approved contractor submittals prior to construction and provides RFI review and guidance to NOPBRR during construction. The firm also provided engineering services to prepare the contract plans and specifications for the cleaning and painting of bridge metalwork.



Personnel: **Ralph J. Eppheimer, PE, Anthony Schoenecker, PE, Michael J. Beitzel, NACE, Scott C. Gordon, NACE, Bryan E. Swartz, NACE,**
Chad Skoien, John Coon

17. Firm Experience:

Firm name	Modjeski and Masters, Inc.		Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	US 90 Huey P. Long Bridge, Cleaning and Painting (Segment 7)		Firm responsibility (prime or sub)	Prime
Project number	H.011482	Owner's name	LADOTD	
Project location	Jefferson Parish, LA		Owner's Project Manager	Danny Tullier
Owner's address, phone, email	P. O. Box 94245, Baton Rouge, LA 70804, (225) 379-1355, danny.tullier@la.gov			
Services commenced by this firm (mm/yy)	06/16	Total consultant contract cost (\$1,000's)		\$4,223
Services completed by this firm (mm/yy)	03/18	Cost of consultant services provided by this firm (\$1,000's)		\$2,593

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

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. The total structure length, including approaches, is approximately 23,000 ft. The main span unit is 3,524 ft. long, consisting of a 750-ft. cantilever through truss span, two 530-ft. anchor truss spans, one 530-foot simple through truss span, and four deck truss spans. The project provided for the development of plans and specifications for the removal of lead paint and the recoating of the original bridge trusses and bracing above bridge deck level. CE&I services and a Level 4 Transportation Management Plan were provided.

Modjeski and Masters performed the following services:

- Preparation of plans specifications (lead abatement)
- NACE-certified paint inspectors
- Record sample and submit samples for testing
- Develop daily, weekly, monthly and progress reports
- Quality Assurance of contractor's Quality Control program
- Check surface preparation, coating application and coating thickness
- Provide construction engineering CE&I services and shop drawing review
- Traffic Management Plan (Level 4)



Personnel: **Ralph J. Eppheimer, P.E., Michael J. Beitzel, NACE, Matthew J. Miller, P.E., Scott C. Gordon, NACE, Bryan E. Swartz, NACE, Cullen J. Ledet, P.E.**

17. Firm Experience:

Firm name	Modjeski and Masters, Inc.		Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	US 90 over Mississippi River (GNO2) Structural Repairs & Spot Painting		Firm responsibility (prime or sub?)	Prime
Project number	H.010636.6	Owner's name	LADOTD	
Project location	Jefferson and Orleans Parishes, LA		Owner's Project Manager	Alden Allen
Owner's address, phone, email	P. O. Box 94245, Baton Rouge, LA 70804, (225) 379-1563, alden.allen@la.gov			
Services commenced by this firm (mm/yy)	10/2015	Total consultant contract cost (\$1,000's)	\$3,561	
Services completed by this firm (mm/yy)	3/2018	Cost of consultant services provided by this firm (\$1,000's)	\$710	

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

As part of the Bridge Preservation Retainer Contract with LADOTD, M&M prepared plans for the repair and repainting of the Greater New Orleans Bridge No. 2 main bridge unit. The structure had not been repainted since it was built in 1985. Plans were also prepared for the repair of miscellaneous structural metalwork items.

M&M provided CE&I services including painting inspection and environmental monitoring services including full blast cleaning and painting of bottom chords and vertical connections at sway frames, spot power tool cleaning and painting of the main bridge truss above deck, and miscellaneous steel repairs.

Personnel:

Ralph Eppheimer, Michael Beitzel, Bryan Swartz, Scott Gordon, Dave Kanger, Chad Skoien



17. Firm Experience:

Firm name	KGC Environmental Services, Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	US 90 Atchafalaya River Bridge Rehabilitation	Firm responsibility (prime or sub?)	Sub
Project number	H.009461	Owner's name	Louisiana Department of Transportation and Development (LADOTD)
Project location	Morgan City, Louisiana	Owner's Project Manager	Nicholaus Ray
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802-4438 337-278-5340 Nicholaus.Ray@la.gov		
Services commenced by this firm (mm/yy)	4/19	Total consultant contract cost (\$1,000's)	1230
Services completed by this firm (mm/yy)	10/22	Total consultant services provided by this firm (\$1,000's)	1230

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

100% of the work was completed and performed by our Louisiana office.

The project consisted of the cleaning and painting of the US 90 Atchafalaya River Bridge main span

KGC's scope was the same as requested by this RFP:

- ✓ Ambient air monitoring for tsp-lead
- ✓ Visual emission and visible accumulations assessments
- ✓ Oversight of storage, labeling, sampling, and transportation of spent material (waste) generated
- ✓ Reviewed environmental plans and permits for compliance with applicable federal, state and local regulations.

Members Involved: Kevin Guth, Justin Beitzel, Chris Price and Sammy Phillips



17. Firm Experience:

Firm name	KGC Environmental Services, Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	US 90 Huey P. Long Bridge Clean & Paint	Firm responsibility (prime or sub?)	Sub
Project number	H.011482	Owner's name	Louisiana Department of Transportation and Development (LADOTD)
Project location	New Orleans, Louisiana	Owner's Project Manager	Francis Simon
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802-4438 francis.simon@la.gov		
Services commenced by this firm (mm/yy)	8/16	Total consultant contract cost (\$1,000's)	577
Services completed by this firm (mm/yy)	10/17	Total consultant services provided by this firm (\$1,000's)	577

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

100% of the work was completed and performed by our Louisiana office.

The project consisted of the cleaning and painting of the Huey P. Long Bridge main span

KGC's scope was the same as requested by this RFP:

- ✓ Ambient air monitoring for tsp-lead
- ✓ Visual emission and visible accumulations assessments
- ✓ Oversight of storage, labeling, sampling, and transportation of spent material (waste) generated
- ✓ Reviewed environmental plans and permits for compliance with applicable federal, state and local regulations.

Members Involved: Kevin Guth, Justin Beitzel and Chris Price



17. Firm Experience:

Firm name	KGC Environmental Services, Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	US 190 Phase 1 – Cleaning, Painting & Repair		Firm responsibility (prime or sub?)
Project number	H.000343	Owner's name	Louisiana Department of Transportation and Development (LADOTD)
Project location	Baton Rouge, Louisiana	Owner's Project Manager	Jeffery Chatelain
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802-4438 225-925-7921 Jeffery.Chatelain@la.gov		
Services commenced by this firm (mm/yy)	10/12	Total consultant contract cost (\$1,000's)	1874
Services completed by this firm (mm/yy)	7/16	Total consultant services provided by this firm (\$1,000's)	1874

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

100% of the work was completed and performed by our Louisiana office.

The project consisted of the cleaning and painting of the US 190 Mississippi River Bridge main span

KGC's scope was the same as requested by this RFP:

- ✓ Ambient air monitoring for tsp-lead
- ✓ Visual emission and visible accumulations assessments
- ✓ Oversight of storage, labeling, sampling, and transportation of spent material (waste) generated
- ✓ Reviewed environmental plans and permits for compliance with applicable federal, state and local regulations.

Members Involved: Kevin Guth, Justin Beitzel, Chris Price & Sammy Phillips



17. Firm Experience:

Firm name	Design Engineering, Inc.		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Florida Avenue Bridge		Firm responsibility (prime or sub?)	Prime
Project number	83622	Owner's name	Port of New Orleans	
Project location	New Orleans, LA		Owner's Project Manager	Chris Gilmore
Owner's address, phone, email	1350 Port of New Orleans Place New Orleans, LA 70130, (504) 528-3293, chris.gilmore@portnola.com			
Services commenced by this firm (mm/yy)	9/17	Total consultant contract cost (\$1,000's)		\$400
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$400

This project consisted of the design, construction management, and resident inspection services for erosion protection improvements to protect the Florida Avenue Bridge shoreline along the Northwest wall.

This project included the construction of two new sheet pile walls (145 feet and 180 feet in length) along the Inner Harbor Navigation Canal adjacent to the Florida Avenue Bridge.

The design of the project included a new steel sheet pile wall that tied into the existing concrete "T" wall just north of the railroad swing bridge and to the flood wall just north and east of the Entergy Transmission Tower. A drainage penetration and subsurface drainage was installed to provide drainage for the impoundment area created by the sheet pile wall. Geotechnical analysis was provided and permits were obtained from Entergy and the Port of New Orleans.

Construction included clearing and grubbing along the proposed wall alignment, demolition of existing L-wall, construction of new sheet pile walls, installation of neoprene water stops, and filling between new sheet pile wall and existing concrete L-wall and placement of flowable fill material and crushed stone; regrading; drainage improvements; and other work as required by the plans and specifications.



Personnel involved & will be utilized in this submittal:
 Jim Martin
 John Holtgreve
 John Karlin

17. Firm Experience:

Firm name	Design Engineering, Inc.		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	MacArthur Drive Interchange		Firm responsibility (prime or sub?)	Prime
Project number	SP No. H.002550	Owner's name	Jefferson Parish	
Project location	Jefferson Parish, LA		Owner's Project Manager	Mark Drewes
Owner's address, phone, email	1221 Elmwood Park Blvd., Jefferson, LA 70123, (504) 736-6505, mdrewes@jeffparish.net			
Services commenced by this firm (mm/yy)	06/03	Total consultant contract cost (\$1,000's)	\$38,400	
Services completed by this firm (mm/yy)	06/16	Cost of consultant services provided by this firm (\$1,000's)	\$2,400	

Design Engineering, Inc. (prime consultant) was responsible for the feasibility study, stage zero, preliminary and final design, and construction services for this project which included a study of several alternatives. DEI worked extensively with Jefferson Parish and the LaDOTD to design a system that met the needs of the Parish and followed the requirements of the LaDOTD and the FHWA where traffic congestion was a paramount consideration.

Design Engineering, Inc. contracted with the Louisiana Department of Transportation and Development (LaDOTD) to provide Construction Engineering Services during construction of the named projects. The project was constructed in two (2) phases and the construction cost of the project was over \$42.6 mil.

Phase 1 of the project consisted of relocation of the existing at-grade frontage road, drainage improvements, utility relocations, and right of way acquisition from Manhattan Blvd. to Peters Road, a distance of 3900 Linear Feet. During construction DEI reviewed shop drawings, responded to RFIs, and coordinated utility relocations for both public and privately owned utilities including Entergy, Louisiana Gas Co., AT&T, and the Jefferson Parish Water and Sewage Departments. DEI also prepared plan changes resulting from changed conditions and to accommodate contractor operations, reviewed proposed change order requests, and attended public meetings to provide project updates to the public. The cost for this phase of the project was \$4.6 mil.



Phase 2 of the project included the widening of the existing elevated Westbank Expressway from Manhattan Blvd. to the Harvey Canal to accommodate a new entrance ramp and exit ramp. Design Engineering, Inc. (DEI) was the prime for the team of engineering firms selected by the LaDOTD to provide Construction Engineering Services for phase 2 of the project. During construction, DEI attended bi-weekly project meetings, assisted the LaDOTD during those meetings, and prepared meeting minutes. This phase of the work included demolition of an existing entrance ramp and demolition of a part of the existing elevated structure for approximately 4,000 LF in the westbound direction. The work also included installation of 387 HP 14x73 steel piles varying in length from 87 feet long to 116 feet long; installation of 44 24" square PPCP 98 feet to 103 feet long; coordination with geotechnical engineers and contractor to monitor settlement; assisting DOTD with observation of mass concrete pours; and placing precast prestressed trapezoidal concrete girders on newly constructed piers. The girders varied in length from 75 feet to 153 feet. DEI also prepared plan changes and participated in quarterly teaming meetings.



This phase of the work cost approximately \$38 mil and was completed in approximately 2½ years. During this phase of the work DEI managed and coordinated the work of five (5) subconsultants. This project has received outstanding reviews from the motoring public, Jefferson Parish, and DOTD.

DEI performed construction engineering on this project via contract with the DOTD. **DEI received the highest grade possible from the DOTD project manager for these services.** DEI also won the ACI Best Project of the Year award for this project.

Personnel involved & will be utilized in this submittal:

Jim Martin
John Holtgreve

17. Firm Experience:

Firm name	Design Engineering, Inc.		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Causeway Boulevard/Airline Drive Interchange Rehabilitation		Firm responsibility (prime or sub?)	Prime
Project number	JP No. 2017-012-RBP	Owner's name	Jefferson Parish	
Project location	Jefferson Parish, LA		Owner's Project Manager	Mark Drewes
Owner's address, phone, email	1221 Elmwood Park Blvd., Jefferson, LA 70123, (504) 736-6505, mdrewes@jeffparish.net			
Services commenced by this firm (mm/yy)	02/14	Total consultant contract cost (\$1,000's)	\$4,212	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$4,002	

The Causeway Boulevard/Airline Drive Interchange was originally constructed nearly 70 years ago by the Greater New Orleans Expressway Commission (GNOEC) and consists of a four-lane overpass, eight ramps, and an elevated traffic circle. Design Engineering, Inc. (DEI) has provided and continues to provide structural evaluation, load rating, design, and construction engineering and inspection (CE&I) services for this multi-phase project involving the Interchange.

Phase 1: DEI performed a comprehensive structural evaluation of the Causeway Boulevard Overpass from Abutment H-2 to Bent H-42, Ramps 1, 4, 5, 6, 7, and 8, and the Traffic Circle. Based on the inspection observations, the existing steel girders and bridge deck were load rated in accordance with the AASHTO Manual for Bridge Evaluation with consideration of the current condition of structural components. Ramp 1 and portions of the Traffic Circle, both of which were inspected and load rated by DEI, are now owned by DOTD and part of the Causeway Blvd – Earhart Expressway, Ph1A (CE&I) project.

Phase 2: DEI designed and performed CE&I to rehabilitate Ramps 6, 7, and the Overpass. The rehabilitation included structure jacking to facilitate construction (including maintaining traffic on the Overpass while it was lifted), replacement of deteriorated steel bearings with reinforced concrete risers and elastomeric bearing pads, corroded steel girder repairs, steel girder strengthening, bent repairs, full-depth deck and joint replacement, deck spall and crack repairs, epoxy-urethane overlay, drainage system rehabilitation, and other related items.

Phase 3: DEI is currently designing coating rehabilitation for Ramps 6, 7, and the Overpass, which includes full containment of the structural metalwork, blast cleaning and surface preparation of steel components in accordance with SSPC requirements, and coating.

Phase 4: DEI is currently designing rehabilitation of Ramps 4, 5, 8, and Traffic Circle, which includes similar work as Phase 2 but also addresses conflicts from existing structures underneath the bridge, railroad lines, and vertical clearance issues.



Personnel involved & will be utilized in this submittal:

Jim Martin
John Holtgreve
John Karlin
Jay Rafferty

17. Firm Experience:

Firm name	HRV Conformance Verification Associates, Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Quality Assurance and Quality Control Services for Steel Fabrication and Coating, Statewide	Firm responsibility (prime or sub?)	Prime
Project number	IDIQ Master Contract 2021	Owner's name	Mississippi Department of Transportation
Project location	Various Locations	Owner's Project Manager	Michah Dew
Owner's address, phone, email	PO Box 1850, Jacksonville, MS 39215-1850	601-359-7070	mdew@mdot.ms.gov
Services commenced by this firm (mm/yy)	9/15/2021	Total consultant contract cost (\$1,000's)	Open End
Services completed by this firm (mm/yy)	6/30/2024	Cost of consultant services provided by this firm (\$1,000's)	\$168,827

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

Project Scope:

HRV has provided steel fabrication inspection and field coatings inspection, and technical consultation since 2015 under multiple agreements. Tasks include weld inspection, witnessing NDE, WPS review, review of fabricator's quality control plan, review of consumable storage and handling procedures, construction management (EHS compliance plan review), paint submittal review, and witnessing and inspecting surface preparation and coatings application.

HRV inspects materials such as structural steel (including fracture critical members) and/or coatings during the fabrication of plate girder bridge and ancillary structures (bearings, overhead sign structures). The key personnel involved include:

- Walter Davis, who provides paint inspection services.
- Robert Stachel, who provides as needed technical expertise related fabrication and provides oversight/direction for the HRV team executing services.
- Richard Fulton, coordinates daily inspections activities and reviews project documentation.

Project Completed Over Past 5 years:

- Paint inspection for the \$1M Repair of SR-178 over Mantachie Canal - Bridge #102.7 (Itawamba, MS)
- Paint inspection for the \$2M Bridge Painting on I-10 over Tchoutacabouffa & Biloxi Rivers Bridge Nos. 45.0A, 45.0B, 40.7A, & 40.7B (Harrison County, MS)
- Paint inspection for the \$400K Gaines Rd. over US 45 Bridge Painting (Alcorn County, MS)

17. Firm Experience:

Firm name	HRV Conformance Verification Associates, Inc.		Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Inspection Services for the Cleaning and Painting of Bridges Statewide		Firm responsibility (prime or sub?)	Sub
Project number	Varies	Owner's name	Maryland Department of Transportation	
Project location	Varies		Owner's Project Manager	See Below
Owner's address, phone, email	See Below			
Services commenced by this firm (mm/yy)	See Below	Total consultant contract cost (\$1,000's)		\$15M (total for all 3 prime contracts)
Services completed by this firm (mm/yy)	See Below	Cost of consultant services provided by this firm (\$1,000's)		See Below

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

Project Scope:

Since 2016, HRV provided painting inspection, as a subconsultant on 5 different contracts, for the cleaning and painting of various existing steel bridges located throughout the state of Maryland. Services include the inspection and documentation of oversight of lead abatement and coatings application. HRV has active agreements with the following firms:

Contract Number: BCS 2018-10A**Client:** Stantec**Contact:** Greg Roby, PE

240-484-9578

greg.robby@stantec.com

6110 Frost Place

Laurel, MD 20707

Contract Term: 9/24/2020 – 9/23/2025**Contract Value:** \$660K**Contract Number: BCS 2018-10C****Client:** Greenman-Pedersen, Inc.**Contact:** Charles Brown, PCS

410-598-4109

cbrown@gpinet.com

11000 Broken Land Parkway

Suite 500

Columbia MD 21044

Contract Term: 11/5/2020 - 11/4/2025**Contract Value:** \$546.8K**Contract Number: BCS 2018-10C****Client:** A. Morton Thomas & Associates, Inc.**Contact:** John Huchrowski

412-752-6552

jhuchrowski@amtengineering.com

800 King Farm Blvd., 4th Floor

Rockville, MD 20850

Contract Term: 11/25/2020 - 11/24/2025**Contract Value:** \$330K

The key personnel involved include:

- Robert Stachel, who provides oversight/direction for the HRV team executing services.
- Richard Fulton, coordinates daily inspections activities.

17. Firm Experience:

Firm name	HRV Conformance Verification Associates, Inc.		Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Construction Management and Inspection for SR 3069 Section A20 - Liberty Bridge		Firm responsibility (prime or sub?)	Sub
Project number	Agreement E03492	Owner's name	Pennsylvania Department of Transportation	
Project location	Pittsburgh, PA		Owner's Project Manager	See Below
Owner's address, phone, email	See Below			
Services commenced by this firm (mm/yy)	8/25/2015	Total consultant contract cost (\$1,000's)	\$6,163	
Services completed by this firm (mm/yy)	8/25/2020	Cost of consultant services provided by this firm (\$1,000's)	\$242	

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

Project Scope:

HRV provided field coatings inspection on the 2,663-foot-long bridge. The key personnel involved include:

- Ralph Lowe and Sean Atwater, provided paint inspection services.

As the project progressed, sparks from cutting torches ignited a stack of 20-foot section plastic pipe. The heat from the fire caused a 30-foot steel support structure – at a critical load bearing section of the pier - to bend out of place. HRV was then called upon, under a separate agreement, to provide a structural assessment that involved magnetic particle testing on high strength bolts, hardness testing of existing steel, and technical consultation. During repairs, provided on-site inspection (24 hours/ day) during field welding associated with the temporary jacking structure.

The prime for this contract was Michael Baker International.

Contact: Ben Shterengarts
412-302-7996
Benjamin.shterengarts@mbakerintl.com
100 Airside Drive, Moon Township, PA 15108

17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.	Past Performance Evaluation Discipline(s)*	Survey
Project name	Kaliste Saloom Road Widening, Intersection Improvements, Bridge & CE&I (LA 3073 to LA 733)	Firm responsibility (prime or sub?)	Prime
Project number	LADOTD Permit No. 03030387	Owner's name	Lafayette Consolidated Government
Project location	Lafayette Parish, LA	Owner's Project Manager	Mark LaVergne, P.E.
Owner's address, phone, email	1515 E University Ave., Lafayette, LA 70501; (337) 291-5642; mlavergne@lafayettela.gov		
Services commenced by this firm (mm/yy)	12/08	Total consultant contract cost (\$1,000's)	\$4,600
Services completed by this firm (mm/yy)	06/23	Cost of consultant services provided by this firm (\$1,000's)	\$4,600

The Kaliste Saloom Road Widening Project is a \$34 million construction project designed to be a walkable urban thoroughfare with shared bicycle lanes and 8-ft wide sidewalks in accordance with Complete Streets and Context Sensitive Solutions guidelines. Fenstermaker is responsible for the topographic surveying, right-of-way platting, construction surveying, land ownership/property rights, engineering design, construction plan development, and CE&I to widen Kaliste Saloom Road, an over-capacity major arterial roadway, from a 2-lane asphalt roadway to a 5-lane road with a continuous center turn-lane concrete roadway for approximately 1.7 miles. Fenstermaker both recommended and developed a line and grade study to the client to analyze optimal alignment and widening options based upon minimizing impacts and costs. In addition, Fenstermaker was responsible for the design of all water and sewer utility relocations as well as drainage outfalls presented as stand-alone construction plans and construction efforts.

Key Personnel: Travis Bodin, MBA, PLS, PMP | Bradford Millett, PLS, E.I.



17.Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.		Past Performance Evaluation Discipline(s)*	Survey
Project name	Coach Williams Drive Extension & Roundabout		Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	Calcasieu Parish Police Jury	
Project location	Calcasieu Parish, LA		Owner's Project Manager	John Bruce, P.E.
Owner's address, phone, email	114 Ryan Street, Lake Charles, LA 70601; (337) 721-3700; jbruce@cppj.net			
Services commenced by this firm (mm/yy)	04/15	Total consultant contract cost (\$1,000's)	\$3,126	
Services completed by this firm (mm/yy)	ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$2,843	

Fenstermaker served as the prime consultant on this \$18.4 million, multidisciplinary project consisting of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). This road is approximately 3 miles in length and was designed as a 2-lane open ditch urban collector. This roadway was built through primarily wet terrain, traverses abandoned borrow pits, and crosses the Sabine River Irrigation Canal and an operating railroad spur. The construction included a new roundabout at the intersection of Coach Williams Drive and Old Spanish Trail. This roadway design project is complex because construction is impacting approximately 5.7 acres of jurisdictional wetlands, crosses over abandoned borrow pits, crosses the Sabine River Irrigation Canal, and crosses an operating railroad spur. This project includes 3-miles of new 2-lane roadway with sidewalks and intersection improvements including a roundabout and turning lanes. Fenstermaker provided survey services, including topographic surveying, generated the right-of-way and servitude plats, coordinated abstracting, and provided construction surveys. Additionally, Fenstermaker's team of inspectors provided construction inspection services.

Key Personnel: Travis Bodin, MBA, PLS, PMP | Bradford Millett, PLS, E.I.



Modjeski and Masters, Inc.

17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.		Past Performance Evaluation Discipline(s)*	Survey
Project name	East Pont des Mouton Roadway Widening and Water & Sewer Improvements		Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	Lafayette Consolidated Government	
Project location	Lafayette Parish, LA		Owner's Project Manager	Jared Veazey, P.E.
Owner's address, phone, email	(337) 291-8590; 1515 E University Avenue, Lafayette, LA 70501			
Services commenced by this firm (mm/yy)	01/90	Total consultant contract cost (\$1,000's)	\$1,620	
Services completed by this firm (mm/yy)	12/14	Cost of consultant services provided by this firm (\$1,000's)	\$4,000	

Fenstermaker performed engineering design services for the construction of a 1.4-mile, four-lane divided curb and gutter roadway with raised median, sidewalks, subsurface drainage, and street lighting. The project is a conversion of a two-lane asphalt road to a four-lane concrete road and the installation of approximately 14,300 feet of subsurface drainage, including 1,400 feet of 84" RCP, over 8,000 feet of water distribution, 7,000 feet of wastewater line, a wastewater lift station, as well as coordination with numerous utility companies. The project entailed relocation of water and sewer utilities including the upgrade of an undersized wastewater lift station to a major lift station capable of flowing 2.0 MGD. The sanitary sewer portion of this project entailed the design and installation of over 8,000' cumulative feet of 15", 18", 21", and 24" gravity sewer main, 1,500 feet of 10" force main with the lift station. Coordination of all sewer and water services for the densely populated area within the corridor was included in the plans. Fenstermaker provided surveying services including topographic and boundary surveys, right-of-way mapping, and a full survey to capture elevations and dimensions.

Key Personnel: Travin Bodin, MBA, PLS, PMP | Bradford Millett, PLS, E.I.



18. Approach and Methodology:

Modjeski and Masters, Inc. (M&M) has assembled a team that is uniquely qualified to provide the highest quality coatings inspection and expertise, and construction, engineering, and inspection support services to the LADOTD. Our team will ensure quality work, safe practices, contract compliance, thorough documentation, and the highest professional caliber inspection and engineering services to the LADOTD through our experience, engineering and inspection skills, judgment, and attention to project schedules and financial aspects of each and every project.

Our Project Team: By selecting the M&M team, the LADOTD will get a team that has developed bridge specific expertise and served as an industry leader for over 130 years, employing over 230 people in sixteen offices that can serve to support efforts on this Contract. Core team members available to be dedicated to this Contract, including our teaming partners, are primarily based in Louisiana and are familiar with the specific environments, and conditions of LADOTD's bridges, as well as LADOTD specific project requirements, guidelines, and permitting/regulatory agencies associated with the work in this Contract. The M&M team offers NACE certified coating inspectors for coatings inspection projects who have been providing the LADOTD with quality coating inspection for over 20 years. M&M's team is intimately familiar with coating inspection of all types of bridges including but not limited to truss spans, major river crossings and moveable bridges including vertical lifts and bascule spans. Cleaning and painting projects typically reveal defects to the structural steel. As the bridges on these projects are older in nature, with our coating inspectors being NBIS certified coating inspectors, they are familiar with identifying structural defects or adverse conditions on bridges, which allows for prompt reporting of bridge defects or conditions to the LADOTD with recommendations for repairing the structural defect or addressing the adverse conditions. This ability allows for projects to continue moving forward while staying on schedule and achieving the desired results. Currently, M&M coating inspectors are assisting LADOTD with Quality Assurance inspection of the structural steel repairs taking place on the LA 182 Bridge Rehabilitation Project in Morgan City.

Our environmental subcontractor, KGC, offers SSPC trained environmental monitoring specialists to provide environmental monitoring services under the direction of a certified industrial hygienist (CIH). Other team members include HRV, who employ trained and experienced coating inspectors with expertise in shop fabrication coatings, galvanizing, and metalizing coatings; and DEI and Fenstermaker to add depth to our team and provide LADOTD certified structural inspectors and survey verification. Together, we make a complete and well-rounded team to handle all coating and CE&I needs of the LADOTD for this Contract.

Our coatings group has worked together with our environmental subconsultant KGC on large scale coatings and repair projects since 1998, including the US-90 and LA 182 Atchafalaya River Bridge Rehabilitation Projects in Morgan City, the US-11 Lake Pontchartrain Rehabilitation in New Orleans, the US-190 Mississippi River Bridge rehabilitation in Baton Rouge, and the cleaning and painting of the HPL main bridge over the Mississippi River in New Orleans. All members of the team have held key roles in leading and participating in CE&I projects starting from pre-construction activities through closeout, acting in the role of the owner's representative for quality assurance.

Project Scope:

The M&M team has served the LADOTD on multiple past cycles of this Contract. We understand that each project assigned to our team has a unique scope and unique challenges that must be understood to successfully accomplish LADOTD's project goals. To best serve the LADOTD with each assigned Task Order under this Contract, M&M will immediately arrange a meeting to introduce our primary project team to the LADOTD. During this meeting, we will work through the following items:

- Discuss Task Order scope and project team responsibilities, to understand LADOTD's expectations of the Project Team and how to meet them.
- Establish LADOTD and M&M points-of-contact and communication preferences.

- Review plans/specifications to ensure understanding of the goals and objectives of the LADOTD.
- Review and discuss the Contractor's approved proposed schedule, and overall project schedule.
- Discuss and confirm record keeping protocol/format, permitting and utilities coordination needs, and proposed unique resources to improve quality or efficiency.

Pre-Construction: Pre-construction meetings will be arranged for all projects and include the LADOTD, all M&M team members involved with the particular project, the Contractor, and any other engaged parties. Pre-construction meetings will coordinate the following: 1) Team introductions, goals of project, overall project coordination; 2) Contractor's proposed near-term schedule, project milestones, outside agency and permitting coordination needs, and overall project schedule; 3) Project communication protocol, RFI/Submittal protocol, and Contractor required submittals; and 4) Review Contractor required training/qualifications/certifications, and pre-construction activities. During the pre-construction period, M&M personnel and the project team will review Contractor submittals, including the Contractor's Health and Safety Plan, containment drawings, and QC Plan. Our team will monitor pre-construction site activity and verify Contractors' trainings in lead abatement procedures. Any permitting and general coordination will take place with all agencies with M&M taking a lead role as the owner's representative. KGC will prepare an environmental site sampling plan for approval and record pre-existing conditions. KGC will also perform pre-job air sampling during this period.

Construction: During the construction period, M&M's team will work directly with all parties involved in the construction process and continue to reinforce proper implementation of the Contractor's protocols and standards developed in the Pre-Construction phase. Our project team will perform Quality Assurance of the cleaning and painting contractor's QC plan with full time on-site coating inspectors who will perform daily inspections of the following: surface preparation and cleanliness of the steel, measure anchor profile using Press-O-Film tape per ASTM D4417, Method C, perform inspections on each paint coat for holidays and measure dry film thicknesses per SSPC PA 2, verify and record ambient air temperature, humidity, dew point, surface temperature during surface preparation and coating application, verify equipment has properly operating oil and water filters and keep daily reports of all work taking place. M&M will work closely with LADOTD personnel to coordinate project activities, maintain communication with all construction parties, and ensure documentation is completed and filed, and schedule and estimates are updated. As-Built records, and non-conformance issues, change orders, weekly/monthly progress reports, monthly pay estimates, and all other required documentation will be maintained throughout construction and documentation will occur contemporaneously with construction activities. All on-site work activities will be recorded on QA forms created by M&M and project information including daily personnel and equipment, monthly estimates, and sampling/testing for all batches of coating to be used on the project will be entered into the LADOTD SiteManager/Headlight system.

On many bridge cleaning and painting projects, existing coating systems contain lead and other hazardous materials. M&M has extensive experience working with the LADOTD and with Contractors to assist in compliance with all applicable Federal, State, and local laws, rules, regulations, and ordinances and permit requirements pertaining to worker safety and environmental protection. This includes environmental monitoring of all emission generating activities and verifying compliance with the contract specification (LSSRB Section 811), the contract plans and all approved environmental submittals. Environmental monitoring will be accomplished by using high volume TSP monitors, performing visible assessment during work activities, keeping daily reports of all emission generating activities, reporting lab results from TSP monitoring, documenting all waste handling and storage of potentially hazardous waste and maintaining records for waste shipments including manifests and certificates of recycling/disposal. KGC will also ensure compliance with all LADEQ requirements.

Acceptance and Close-Out: The M&M team will act as liaison in coordinating, documenting, and facilitating project acceptance and closeout activities, including final inspections on various segments of the project as they near completion. The team will maintain an active punchlist and work with the Contractor to address punchlist items as they come up or become convenient to address. Items unresolved throughout the main construction period will be addressed during the close-out

period to bring all outstanding items to closure. At the conclusion of work, M&M will prepare the final estimate package, including Form 2059 and provide the LADOTD with final “As-built” plans of any changes made to the original construction plans.

		Assembly Period	Contract Time																												Closeout Period
		Task Description																													
Assembly Period	Award of Contract																														
	Pre-Construction Meeting																														
	Submittal and RFI Review																														
	Notice to Proceed																														
	Background Testing by KGC																														
Contract Time	Mobilization																														
	Build Rigging & Containments																														
	Surface Prep & Coating																														
	M&M On-Site Inspection																														
	Final Inspection & Acceptance																														
Closeout Period	Contractor Demobilization																														
	Finalize As-Built Records																														
	Prepare Final Estimate Package																														

Note: Sample schedule to illustrate potential sequence of work. Actual durations and sequence of work is Contract and Contractor Dependent. M&M to match Contractor Schedule.

Quality Assurance: The on-site team members for all cleaning and painting projects are supported by experienced and specialized management personnel, for oversight and QC/QA of all project tasks. QA/QC efforts are completed throughout the duration of the work. A QA/QC plan will be specifically tailored to coincide with each bridge project under this contract.

For the vast majority of cleaning and painting projects, environmental monitoring is a specialized task, and for all environmental measurement data, we have specific data quality indicators that must be met for precision, validity, accuracy, and completeness to provide legally defensible data. KGC will develop an Environmental Project Management Plan (EPMP) that will outline all resources required for the planning, execution, and completion of scope performance objectives. EPMP practices include establishing clear lines of communication and authority using work groups to address specific project issues; working collaboratively with our team and the LADOTD to provide thorough quality assurance (QA); and putting a priority on providing LADOTD legally defensible environmental data.

Mitigating Failures and Delays Through Planning: Our familiarity with LADOTD requirements and federal and state regulations allows us to anticipate and resolve challenges before they lead to adverse project, environmental, or public health impacts. The first step in the quality assurance process is to review the contract required submittals. Based on our extensive knowledge of LADOTD cleaning and painting project requirements, we have developed a comprehensive process that allows us to promptly review Contractor submittals and deliver our review comments to the Engineer expediently with no learning curve. We have found that thorough submittal review is the single best way to ensure that coatings and environmental compliance objectives are met, and similarly with overall contractor compliance per the plans and LSSRB section 811. We also believe our submittal reviews set the tone for the project as we use them as an early warning system for detecting possible discrepancies, ambiguities, containment design issues, and general contractor lack of knowledge of LADOTD and Federal requirements. Failure of the Contractor to implement various aspects of their submittals is an obstacle faced on nearly all repainting projects. Our approach to mitigating the Contractor falling short in the implementation of their submitted plans is to create and utilize a project Communication Work Plan. The M&M project team’s Communication Work Plan details our communication objectives, methods, activities, team member responsibilities and timeline. On previous LADOTD painting projects, we immediately notified Contractor supervision when non-conformance issues are observed to ensure prompt corrective actions.

Timely notifications and clear communication with Contractor personnel have proven to be effective ways to improve Contractor submittal implementation and prevent Contractor environmental non-compliance.

Bridge painting contractors are known to schedule their work aggressively with significant overtime. It is important that our team will always be on-site while coatings-related work is in progress. These services provide risk mitigation to the LADOTD through two primary objectives:

The first objective is to be an integral part of the coatings work process by inspecting, approving or rejecting products, procedures and results, and ensuring proper corrective work is performed when needed. This applies to ensuring that both a high-quality coating system application is achieved, and that the work is performed in accordance with environmental regulations, and all in accordance with the project specifications. In this process, there will be multiple submissions from the Contractor in advance of the work for our team's review and approval, and during the work along with continuous monitoring of conditions, there will be multiple hold points when our on-site staff will determine if the work is acceptable and sufficient for progressing to the next stage of the work. The nature of coatings work involves many stages such as cleaning and surface preparation, application of primer, intermediate and top-coats, stripe coats, sealers, and touch-up and corrective work, not necessarily in this order. Shortcuts or deficiencies in the coating application process can be detrimental to the service life of the coating system which would likely result in increased future maintenance costs. Along with the necessary testing and inspection, our team will also manage contractual items such as progress reports, pay quantities, change orders, weather and delay claims, changed conditions, RFIs, punch lists, etc.

The second objective, but of equal importance, is to provide a properly documented project. As related to risk mitigation on a bridge coating project involving lead and other hazardous materials abatement and disposal, should there be issues during or after the work such as coating failures or poor coating performance, or third-party claims questioning compliance of the work with environmental regulations, a fully and properly documented project is important for our Client's defense and determination of cause and responsibility for such possible issues. Our team is well prepared to fully document the daily work processes and procedures throughout the project. **Documentation:** All team members of the M&M project team understand the importance of complete, timely, and accurate documentation of Contractor work activities. The project team is familiar with SiteManager and HeadLight used for LADOTD projects and inspection information management required. Inspectors will be equipped with iPads containing HeadLight software to document construction activities. Documentation will be uploaded daily. The general tasks that our team will cover and fully document as part of this work are: **Coatings Inspection** tasks that will cover products and equipment used, atmospheric conditions, cleaning & surface preparation, coatings application (completeness and DFT), and curing; **Environmental Monitoring** tasks that will cover containment adequacy, ambient air monitoring, visible emissions/accumulations observations, waste handling, storage/disposal procedures, & site clean-up.

Summary and Conclusion:

- M&M has over 20 years of expertise, experience, and understanding of LADOTD cleaning and painting projects on Major Bridges and bridges of all shapes, types, and sizes.
- This experience allows the M&M team to hit the ground running with any size or type of cleaning and painting project LADOTD schedules.
- While our firm may not be as large personnel-wise as other firms, M&M has a sole focus on bridges and has ample personnel to provide the LADOTD with exceptional service. Our **LOCAL** coating inspectors and other team members strive to provide the LADOTD with the best quality given their professionalism, qualifications and experience, knowledge of the bridges, territories and companies/agencies involved, but also because these are the bridges that our neighbors, families and friends fund and rely on every day!
- Communication, legally defensible documentation, and proven experience are the cornerstones of the M&M team.

19. Workload:

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

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

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

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

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
M&M	Bridge	JN 3144	Expert witness services in bridge design, construction, repair and forensic analysis	\$270,990
		Retainer Contract 4400002538	Engineering Services for Bridge Preservation Statewide	
M&M	Bridge	H.010882.5	LA 18: 4th Street Bridge Rehabilitation (Supplement No. 2) Construction Services Jefferson Parish	\$0
M&M	Bridge	H.010882.6	4th Street Bridge Rehabilitation Paint (Supplement No. 3) Route LA 18	\$2,164
		Retainer Contract 4400005395	Construction Engineering and Inspection with Painting Statewide	
M&M	CE&I/OV	H.011705.6	US 11 Lake Pontchartrain Bridge Rehabilitation - Ph2, Sup1	\$130,885
M&M	CE&I/OV	H.011494.6	US 90 Atchafalaya River Bridge Rehabilitation	\$0
M&M		Retainer Contract 4400004921	Complex Bridge Rating (on-system trusses and other complex bridges) Statewide	
M&M	Bridge	H.009859.5	Load Rating of 14 Complex Bridges	\$256,501
		Retainer Contract 4400005774	Bridge Preservation Statewide	
M&M	Bridge	H.001234.5	Port Allen Canal Bridge	\$64,231
M&M	Other (Roadway Lighting)	H.011137.5	I-12: LA 1077 to US 10 Roadway and Navigation Lighting	\$35,452
		IDIQ Contract 4400012382	Bridge Preservation Statewide	
M&M	Bridge	H.011705.6	US 11: Lake Pontchartrain Bridge Rehab Phase 2 (HBI) Sup1	\$0

M&M	Bridge	H.013193.6	US 61: Thompson Creek Bridge - Construction Svcs. Rehabilitation and Replacement	\$804
M&M	Bridge	H.003144.6-2	Luling Bridge Cable Stay Replacement Project	\$324,366
M&M	Other (Roadway Lighting)	H.004791	Subconsultant: Belle Chasse B7T Replacement P3 - Electrical and Structural	\$19,213
		IDIQ Contract 4400017263	Bridge Preservation Statewide	
M&M	Other (Roadway Lighting)	H.013866.6	I-12: LA 21 to US 190 Navigation Lighting & Roadway Lighting	\$59,280
M&M	Other (Roadway Lighting)	H.003184.6	I-10: Texas State Line - E. of Coone Gully - CRES	\$47,067
M&M	Bridge	H.011485.6	LA336-1: Bayou Teche Bridge Rehabilitation	\$59,432
M&M	Other (Roadway Lighting)	H.012889.5	I-20 Rehabilitation - Roadway Lighting (Pines Road to I-220)	\$102,973
M&M	Bridge	H.009859.5	Prien Lake Bridge Structural Rating	\$18,259
M&M	Bridge	H.004420.5	Barataria Preliminary Fender Design	\$2,120
M&M	Bridge	H.014280.5	Bayou Ramos Bridge Girder Study	\$37,560
M&M	Bridge	H.014673.5	I-49 US 165 Debonded PPC Girder Rehab	\$0
M&M	Bridge	H.014587	LA 302: Kerner Ferry Bridge Repairs PH 2 - Constr Support	\$67,347
M&M	Bridge	H.013946.6	Sunshine Bridge Fender Construction - 2021	\$25,073
M&M	Bridge	H.004420.5	Bayou Barataria Bridge at Jean Lafitte - Supp 1 and 2	\$0
M&M	Bridge	H.014406.6	Houma Navigation Canal Swing Bridge - Electrical Repair CRED	\$12,153
M&M	Bridge	H.014465.5	Perry Bridge Rehabilitation - Final Design	\$0
M&M	Bridge	H.004647.6 (T.O. 1)	I-20 MS River Bridge at Vicksburg, - Monitoring	\$68,597
M&M	Bridge	H.015028.6	Bayou Barataria Bridge MB Replacement - Phase I	\$139,305
M&M	Bridge	H.001234.6	LA 1 Port Allen Bridge - Geotech Settlement Remediation	\$127,709
M&M	Bridge	H.010882.6	LA18: 4th Street Bridge Rehabilitation Construction Support	\$5,211
M&M	Bridge	H.009479.6	West Larose Lift Bridge Rehabilitation - Const Support	\$28,929
M&M	Bridge	H.015217.5	I-10 Atchafalaya Basin Speed Enforcement PH2	\$0
M&M	Bridge	H.011705.6	US 11 Lake Pontchartrain Bridge Rehabilitation - Ph2	\$77,299
M&M	Other (Roadway Lighting)	H.012889.6	I-20 Rehab (Pines Road to I-220) Bossier City Lighting CRES	\$125,660
M&M	Bridge	Contract 44-18646 H.004100	Subconsultant: LA 415 to Essen Lane on I-10 and I-12 CMAR RCP Plans	\$282,771
M&M	Bridge	Contract 44-21128 H.001234.6	Subconsultant: LA 1: Port Allen Canal Bridge Replacement - Phase 1 CRES	\$39,884
M&M	Bridge	Contract 44-21128 H.014258.6	Subconsultant: LA 1: Port Allen Canal Bridge Repl. - Phase 2 NB Design	\$118,812

		IDIQ Contract 4400020063	Electrical Services Statewide	
M&M	Bridge	H.014212.6	I-10 Atchafalaya Bridge Navigational Lights Repl	\$38,078
M&M	Other (Roadway Lighting)	H.014646	I-20: US 165 to Garrett Road Lighting	\$113,177
M&M	Other (Roadway Lighting)	H.014555.5	I-10 at LA109 Interchange Lighting (Toomey)	\$157,679
M&M	Other (Roadway Lighting)	H.015019.5	I-10 at LA3063 Interchange Lighting (Vinton)	\$159,747
M&M	Bridge	Contract 44-20156 H.011965.6	Subconsultant: LA 47 IWGO Bridge Rehab CRES	\$166,788
		IDIQ Contract 4400014317	Painting Inspection and Environmental Monitoring with Construction Engineering and Inspection - Statewide	
M&M	CEI/OV	H.011487.6	LA 182: Berwick Bay Bridge Rehabilitation	\$2,621,531
		IDIQ Contract 4400024187	Bridge Preservation Statewide	
M&M	Other (Roadway Lighting)	H.015504.5	CCC Decorative Lighting	\$7,628
M&M	CEI/OV	H.003144.6	MRB (Luling) CEI of Latent Defects	\$392,699
M&M	Bridge	Contract 44-05673 H.011235.5	Subconsultant: I-49 South @ Verot School Road	\$81,910
		IDIQ Contract 4400021593	Bridge Load Rating Services Statewide	
M&M	Bridge	H.009859.5	Bridge Load Rating (Task Order 1)	\$2,470,668
M&M	Bridge		Subconsultant: CEC - Acrow Bridge In-depth and Cursory Inspections Vacherie LA 20	\$54,789
M&M	Bridge	Contract 44-024187 H.001779 (TO 3)	Subconsultant: Jimmie Davis Bridge (LA 511) (HBI)	\$15,000
KGC Environmental Services Inc.	CE&I/OV	Contract No. 44000014 31 7 & H.009461	US 90 Atchafalaya River Bridge Rehabilitation	\$ 805,000.00
Design Engineering, Inc	Bridge	SP# H.002956.5	Earhart Expressway at Dakin Street, Route LA 3139	\$30,359.25
	CE&I/OV	Contract No. 4400026029 SP# H. 014315.6	Grafton Drive Pavement Rehabilitation	\$268,424.57

C. H. Fenstermaker & Associates, L.L.C.	Road	Contract No. 4400020291 State Project No. H.012869	LA 182 / Renaud Roundabout	\$246,852
	Bridge	Contract No. 4400025023 State Project No. H.015513	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Eleanor Road Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015335	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Puma Road Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015516	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Beiber Road Over Nezpique Bayou	\$200,000
		Contract No. 4400025023 State Project No. H.015512	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Mullins Road Over Tate Bayou	\$200,000
		Contract No. 4400025023 State Project No. H.015511	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 E. Martial Ave Over Coulee	\$112,500
		Contract No. 4400025023 State Project No. H.015515	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Andover Road Over Indian Bayou Lateral	\$200,000
		Contract No. 4400025023 State Project No. H.015514	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Sarah Dee PKWY. Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015505	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Solid Wastewater Road Over Bayou Boeuf	\$163,500
		Contract No. 4400025023 State Project No. H.015510	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Phillip Street Over Drainage Bayou	\$200,000
		Contract No. 4400025023 State Project No. H.015509	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Huval Street Over True Canal	\$200,000
		Contract No. 4400025023 State Project No. H.015508	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Adam Guidry Road Over Coulee	\$200,000

C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015507	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Minos Road Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015506	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Aristide Road Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015517	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Guegnon Street Over Youngs South Coulee	\$200,000
HRV Conformance Verification Associates, Inc.				N/A

(Add rows as needed)

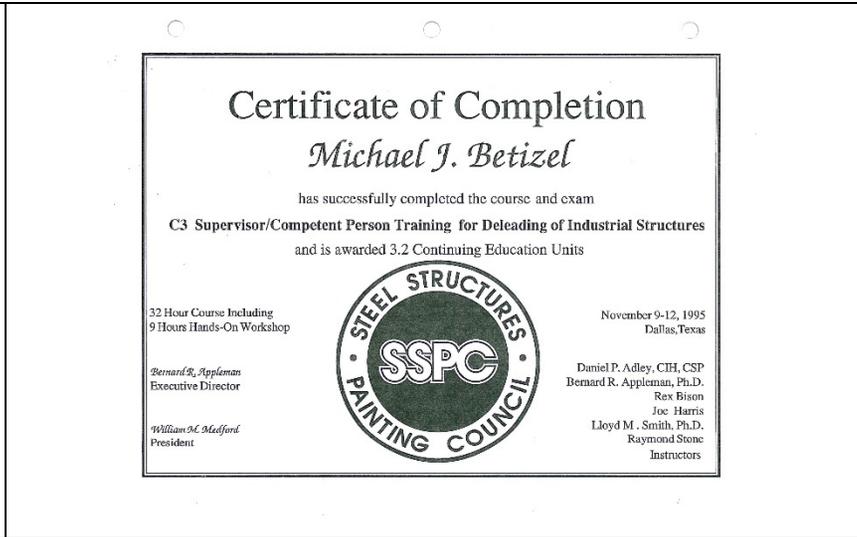
DO NOT SUM

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

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

20. Certifications/Licenses:

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





115170



IACET Provider - 1003373
Florida Board of Professional Engineers, Provider #004826
New York Board of Professional Engineers

CERTIFICATE OF COMPLETION

Bryan E. Swartz
ID # 1380252
Has fulfilled the requirements of
SSPC: The Society for Protective Coatings'

Course Date(s):
7/11/2021-7/11/2021

LEAD PAINT REMOVAL REFRESHER (CS)
Supervisor/Competent Person Training for Deleading of Industrial Structures

Location: Kenner, Louisiana
United States

And is awarded
0.8 Continuing Education Units

Instructor(s):
1283130 Sonya Peters, PCS

J.A. Wright
SSPC President

www.sspc.org | 800Trumbull Drive, Pittsburgh, PA 15205-4386 | P:412.201.2331 T:871.281.7772 F:412.444.3591





AWARD OF SUCCESSFUL COMPLETION
IS HEREBY GRANTED TO

Scott Gordon

WHO HAS SUCCESSFULLY COMPLETED THE FOLLOWING COURSE

C5 Supervisor _Competent Person Training Refresher

Madisonville, LA
August 27 - August 27, 2023
0.8 CEUs

Pam Nicoletti
Pam Nicoletti
Senior Director Knowledge & Learning



AMPP is accredited by the International Accreditors for Continuing Education and Training (IACET) and offers IACET CEUs for its learning events that comply with the ANSI/IACET Continuing Education and Training Standard. IACET is recognized internationally as a standard development organization and accrediting body that promotes quality of continuing education and training.

AMPP Association for Materials Protection and Performance (Formerly NACE International and SSPC, The Society for Protective Coatings)
This Certificate of Completion denotes successful completion of an AMPP training course and should not be interpreted as the award of Certification.



AWARD OF SUCCESSFUL COMPLETION
IS HEREBY GRANTED TO

John Coon

WHO HAS SUCCESSFULLY COMPLETED THE FOLLOWING COURSE

C5 Lead/Hazardous Coating Removal Refresher

Kenner, LA
August 28, 2022
0.8 CEUs

Pam Nicoletti
Pam Nicoletti
Education Director



AMPP is accredited by the International Accreditors for Continuing Education and Training (IACET) and offers IACET CEUs for its learning events that comply with the ANSI/IACET Continuing Education and Training Standard. IACET is recognized internationally as a standard development organization and accrediting body that promotes quality of continuing education and training.

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This Certificate of Completion denotes successful completion of an AMPP training course and should not be interpreted as the award of Certification.



State of Louisiana
Department of Transportation and Development



Jeffrey Puissegur
has met the requirements for certification as an:
Embankment and Base Course Inspector

62 ND Expiration Date: 10/30/2026

Department of Transportation and Development



Jeffrey Puissegur
has met the requirements for certification as an:
PCC Paving Inspector

62 ND Expiration Date: 11/14/2026



organized to improve the practice of industrial hygiene
proclaims that

Kevin M. Guth

having met all requirements of
education, experience and examination, and
ongoing maintenance,
is hereby certified in the

**COMPREHENSIVE PRACTICE
of
INDUSTRIAL HYGIENE**

and has the right to use the designations

CERTIFIED INDUSTRIAL HYGIENIST

CIH

Certificate Number 10438 CP

Awarded: November 22, 2013

Expiration Date: June 1, 2024



Dirk Yamnitz
Chair, ABIH

Allen K. Oliver
Chief Executive Officer, ABIH

Certificate of Completion

Kevin M. Guth

has successfully completed the course and exam

C3 Supervisor/Competent Person Training for Deleading of Industrial Structures
and is awarded 3.2 Continuing Education Units

32 Hour Course Including
9 Hours Hands-On Workshop

Bernard S. Appleman
Executive Director

William M. Medford
President



June 17-20, 1996
New Orleans, LA

Danile O. Chute
Chris Lovelace
Instructors



AWARD OF SUCCESSFUL COMPLETION
IS HEREBY GRANTED TO

Kevin Guth

WHO HAS SUCCESSFULLY COMPLETED THE FOLLOWING COURSE

C5 Lead/Hazardous Coating Removal Refresher

Kenner, LA
August 28, 2022
0.8 CEUs

Pam Nicoletti
Pam Nicoletti
Education Director



AMPP is accredited by the International Accreditors for Continuing Education and Training (IACET) and offers IACET CEUs for its learning events that comply with the ANSI/IACET Continuing Education and Training Standard. IACET is recognized internationally as a standard development organization and accrediting body that promotes quality of continuing education and training.

AMPP Association for Materials Protection and Performance (Formerly NACE International and SSPC - The Society for Protective Coatings)
This Certificate of Completion denotes successful completion of an AMPP training course and should not be interpreted as the award of Certification.



North Carolina State University
Environmental Programs

This certificate awarded to

Kevin Guth

for satisfactory completion of course and examination for

SI: 434 Introduction to Ambient Air Monitoring

James F. vanArsdale
Manager

Christine E. Murphy
Registrar

May 28, 1999

Date Completed

5.0 CEUs

Awarded under EPA Assistance Agreement CT - 902765



North Carolina State University
Environmental Programs

This certificate awarded to

Kevin Guth

for satisfactory completion of course and examination for

SI: 300 Introduction to Air Pollution Toxicology

James F. vanArsdale
Manager

Christine E. Murphy
Registrar

October 22, 2009

Date Completed

1.0 CEUs

Awarded under EPA Assistance Agreement CT - 825724



North Carolina State University
Environmental Programs

This certificate awarded to

Kevin Guth

for satisfactory completion of course and examination for

SI: 471 General Quality Assurance Considerations for Ambient Air Monitoring

James F. vanArsdale
Manager

Christine E. Murphy
Registrar

June 1, 1999

Date Completed

3.0 CEUs

Awarded under EPA Assistance Agreement CT - 825724





North Carolina State University
Environmental Programs

This certificate awarded to

Kevin Guth

for satisfactory completion of course and examination for
SI: 443 Chain-of-Custody Procedures for Samples and Data

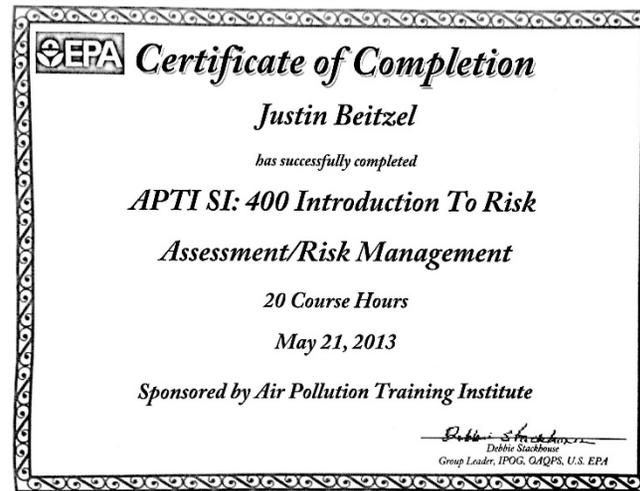
Joe V. Asidani
Manager

Anna A. Barlowe
Registrar

August 18, 1999
Date Completed

0.0 CEUs

Awarded under EPA Assistance Agreement CT - 825724



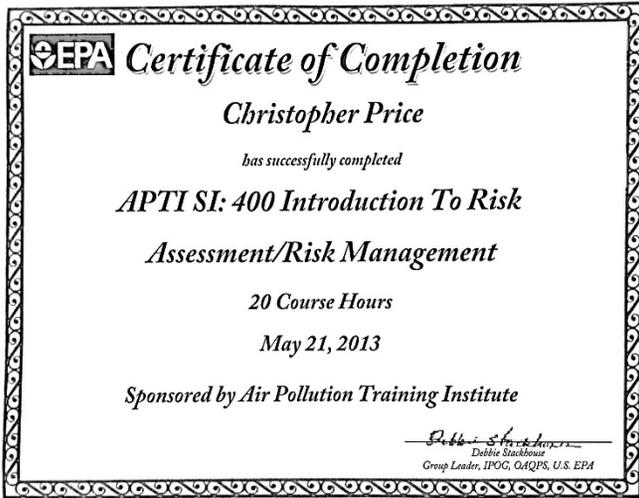


Justin Beitzel
 has fulfilled the requirements of
 Smoke School Lecture

Course Date/s:
 May 19, 2013

Training Topics Included:

1. Definition of Opacity and History of Measurement.
2. Visible Determination of the Opacity of Emissions from Stationary Sources.
3. Field Documentation of Method 9 Observations.
4. Method 9 Calculations.
5. Visual Determination of Fugitive Emissions Utilizing Method 22.
6. Method 22 Field Records.
7. Types of Visible Emissions and Control Devices.
8. Equipment Used for Opacity Observations.
9. Alternative Test Methods 203a, 207b and 207c.
10. Legal Aspects of Opacity Observations.
11. Field Testing.





Chris Price
has fulfilled the requirements of
Smoke School Lecture

Course Date/s:
May 19, 2013

Training Topics Included:

1. Definition of Opacity and History of Measurement.
2. Visible Determination of the Opacity of Emissions from Stationary Sources.
3. Field Documentation of Method 9 Observations.
4. Method 9 Calculations.
5. Visual Determination of Fugitive Emissions Utilizing Method 22.
6. Method 22 Field Records.
7. Types of Visible Emissions and Control Devices.
8. Equipment Used for Opacity Observations.
9. Alternative Test Methods 205a, 203b and 203c.
10. Legal Aspects of Opacity Observations.
11. Field Testing.

COLUMBIA SOUTHERN UNIVERSITY

To all whom these letters shall come greetings
be it known that

Justin James Beitzel

having satisfactorily pursued the studies and passed the examinations
required for the professional credentials of

Industrial Hygiene Management Certificate

Signed and Sealed April 18, 2014

Robert Mayes, Jr.
President



Jan Mayson
Provost



IACET Provider # 1003373
Florida Board of Professional Engineers,
Provider #0004326
New York Board of Professional Engineers
American Board of Industrial Hygiene
Approved Provider #10-193

CERTIFICATE OF COMPLETION

Justin Beitzel

Has fulfilled the requirements of
SSPC: The Society for Protective Coatings

**C-3 SUPERVISOR/COMPETENT
PERSON TRAINING FOR
DELEADING OF INDUSTRIAL
STRUCTURES**

And is awarded
3.0 Continuing Education Units

Course Date(s): 10/19-22/15

Location: Irving, TX

Instructor(s): Fred Smith

Ray Stinson *M. Keith Moore*

SSPC President SSPC Executive Director

www.sspc.org | 40 24th Street 6th Floor Pittsburgh, PA 15222-4656 | P: 412.281.2331 T: 877.281.7772 F: 412.281.9992



AWARD OF SUCCESSFUL COMPLETION
IS HEREBY GRANTED TO

Justin Beitzel

WHO HAS SUCCESSFULLY COMPLETED THE FOLLOWING COURSE

C5 Lead/Hazardous Coating Removal Refresher

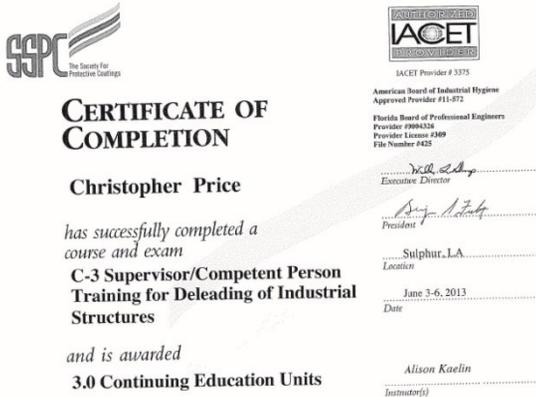
Kenner, LA
August 28, 2022
0.8 CEUs

Pam Nicoletti
Pam Nicoletti
Education Director



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AMPP Association for Materials Protection and Performance (Formerly NACE International and SSPC, The Society for Protective Coatings)
This Certificate of Completion denotes successful completion of an AMPP training course and should not be interpreted as the award of Certification.



Certificate of Completion

Kevin Guth

has successfully completed a tutorial on
Containment and Ventilation
and is awarded 0.6 Continuing Education Units

Bernard R. Appleman
Executive Director

R. Dale Atkinson
President



November 16, 1994
Atlanta, Georgia

R. Philip Calvo
Daniel O. Chute
Mark Goslin
Instructors

Certificate of Completion

Kevin Guth

has successfully completed a tutorial on
Planning and Specifying Lead Abatement
and is awarded 0.3 Continuing Education Units

Bernard R. Appleman
Executive Director

John F. Montle
President



November 15, 1994
Atlanta, Georgia

Steven P. Roetter
Gregory R. Stein
Instructors

Certificate of Completion

Kevin Guth

has successfully completed a tutorial on
**Worker and Ambient Air Monitoring Equipment
for Lead Paint Removal Projects**
and is awarded 0.3 Continuing Education Units

Bernard R. Appleman
Executive Director

John F. Montle
President



November 15, 1994
Atlanta, Georgia

Scott E. Coff
Alison B. Kaelin
Instructors

Certificate of Completion

Kevin Guth

has successfully completed a tutorial on
**OSHA Lead Instructor Training for Supervisors and
Foremen of Industrial Lead Paint Abatement Projects**
and is awarded 0.7 Continuing Education Units

Bernard R. Appleman
Executive Director

John F. Montle
President



February 18, 1994
Lafayette, Louisiana

Kenneth A. Trimmer
Daniel O. Chute
Instructors



ECATTS

Certificate of Accomplishment

Guth, Kevin

User Type : Contractor (Construction): Environmental Primary Point Of Contact
Has successfully completed the following competencies:

Course	Credit Hours	SN	Date
C01: Overview of Environmental Compliance for Contractors	-	617100	Mar-19-2013
C02: Air Quality Training for Contractors	-	617100	Mar-19-2013
C05: Contractor Control for Contractors	-	617107	Mar-19-2013
C07: Hazardous Materials for Contractors	-	617109	Mar-19-2013
C08: Waste Management Guidelines for Contractors	-	617112	Mar-19-2013
C09: Lead: Tests for Contractors	-	617114	Mar-19-2013
C10: Health and Cultural Resources for Contractors	-	617118	Mar-19-2013
C11: PCBs Management for Contractors	-	617120	Mar-19-2013
C12: Petroleum, Oils, and Lubricants Management for Contractors	-	617124	Mar-19-2013
C13: Spill Prevention Area Training for Contractors	-	617127	Mar-19-2013
C15: Solid Waste for Contractors	-	617132	Mar-19-2013
C16: Spill Prevention Control and Countermeasures for Contractors	-	617134	Mar-19-2013
C17: Storage Tank Management for Contractors	-	617137	Mar-19-2013
C18: Sediment and Stormwater Construction Training: Introduction to Laws and Regulations (1 of 9)	-	617139	Mar-19-2013
C18B: Sediment and Stormwater Construction Training: Environmental and Economic Impacts of Soil Erosion (2 of 9)	-	617147	Mar-19-2013

Course	Credit Hours	SN	Date
C18C: Sediment and Stormwater Construction Training: Principles of Erosion and Sedimentation (3 of 9)	-	617149	Mar-19-2013
C18D: Sediment and Stormwater Construction Training: Erosion and Sediment Control Practices (4 of 9)	-	617152	Mar-19-2013
C18E: Sediment and Stormwater Construction Training: Vegetative Stabilization (5 of 9)	-	617155	Mar-19-2013
C18F: Sediment and Stormwater Construction Training: Principles of Stormwater Runoff (6 of 9)	-	617158	Mar-19-2013
C18G: Sediment and Stormwater Construction Training: Stormwater Management Best Management Practices (7 of 9)	-	617169	Mar-19-2013
C18H: Sediment and Stormwater Construction Training: Construction Site Pollution Prevention (8 of 9)	-	617170	Mar-19-2013
C18I: Sediment and Stormwater Construction Training: Sediment and Stormwater Plans (9 of 9)	-	617172	Mar-19-2013
C20: Wastewater for Contractors	-	617174	Mar-19-2013
C21: Pollution Prevention for Contractors	-	617176	Mar-19-2013

Mar-19-2013
 James S. Arcene, Vice President, Academic Development
 International Center for Leadership Development, Inc.
 1375 Ninth Creek Court
 Lake Mary, FL 32746
 Phone: (407) 853-8232
 Fax: (407) 833-8662



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21. QA/QC Plan:

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

22. Sub-consultant information:

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

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
KGC Environmental Services, Inc.	344 Black River Drive Madisonville, LA 70447	Kevin Guth kmguth@kgces.com	(225) 936-3456
Design Engineering, Inc.	3330 W. Esplanade Avenue Suite 205 Metairie, Louisiana 70002	Jim Martin, Ph.D., P.E. jmartin@dei-engr.com	(504) 836-2155
HRV Conformance Verification Associates, Inc.	420 Rouser Road, Suite	Richard Fulton rfulton@hrvinc.com	(412) 299-2000
C. H. Fenstermaker & Associates, L.L.C.	135 Regency Square Lafayette, LA 70508	Travis Bodin, MBA, PLS, PMP travisb@fenstermaker.com	(337) 314-0468 x1168

23. Location:

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