Statement of Qualifications

RFQ # 946-11366 A CONTINUING CONTRACT for Structural Engineering Services CCNA

City of Ft. Lauderdale, Florida



February 28, 2014 @ 2:00 PM

Procurement Services Division Ronald Archey, Procurement Specialist Fort Lauderdale City Hall 100 N. Andrews Avenue, 6th Floor Fort Lauderdale, Florida 33301 www.fortlauderdale.gov/purchasing

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February 25, 2014

Fort Lauderdale City Hall Procurement Services Division 100 N. Andrews Avenue, #619 Fort Lauderdale, FL 33301

SUBJECT: Proposal Letter/Letter of Interest RFQ # 946-11366 A CONTINUING CONTRACT for Structural Engineering Services (CCNA) City of Ft. Lauderdale, Florida

Dear Selection Committee,

Biller Reinhart Structural Group, Inc. is pleased to submit this Letter of Interest to provide *Structural Engineering Services* to the *City of Ft. Lauderdale* under a two (2) year Agreement. BillerReinhart understands that the City shall have the option to renew this Agreement for three (3) successive one (1) year terms under the same terms, conditions, and compensation as set forth.

BillerReinhart understands the unique needs and requirements of City projects having provided structural engineering services and threshold inspection services to various municipalities throughout Florida. BillerReinhart currently provides structural engineering services to *the City of Homestead, the Broward Sheriff's Office, the Town of Ft. Myers Beach, the City of Tampa, the City of Clearwater, the City of Largo, the City of Dunedin and the City of Sarasota.* BillerReinhart is also certified as a **Small and Local Business Enterprise** with the City of St. Petersburg, the City of Tampa, Hillsborough County, Hillsborough County Schools and SFWMD.

Please note that you will find in reading our proposal the majority of our related work experience was performed in Central Florida and in the Tampa Bay Area. BillerReinhart has maintained an office in Tampa for over a decade and just this past year opened a staffed office in the South Florida, Ft. Lauderdale area. Our Tampa office works intimately with our Ft. Lauderdale office; collaborating on projects and providing extensive training and quality control to ensure a consistent product throughout. We look forward to the opportunity to continue to grow our South Florida portfolio.

BillerReinhart is a structural engineering consulting firm based in Florida with offices in Tampa and now in Ft. Lauderdale. The firm provides services to many diverse clients and specializes in several key areas of structural engineering. A corporation organized under the laws of the State of Florida, BillerReinhart, was founded in 2001 (opened in 2002) by President and Senior Structural Engineer, *Michael H. Biller, P.E.*, and Vice President and Senior Structural Engineer, *Robert J. Reinhart, P.E.* Both principals are registered Professional Engineers in the State of Florida and are licensed Special Inspectors for threshold inspection services in the State of Florida. Over the last decade, the company has grown to include a team of engineers and technical support



Structural Integrity is Our Business

with over 110 years of combined experience in the field of structural engineering design, consultation, assessments and inspection on a wide variety of projects for both public and private clients.

Our firm offers a wide array of services in the structural engineering field. We design new buildings, analyze existing structures for renovations, assist with occupancy changes and installation of new equipment and prepare specifications for restoration of deteriorated buildings and parking structures. Our design and restoration experience includes schools, hotels, commercial/retail buildings, community centers, university buildings, airport buildings, office buildings, warehouses, residential structures, pharmaceutical plants, chemical plants, petroleum plants, fertilizer plants, wastewater treatment plants, and food processing plants. Our firm performs engineering and threshold inspection services for clients such as school boards, architects, building owners/developers, property managers, engineers, contractors, local government agencies and aviation authorities.

In addition to the above referenced experience, our engineers have an extensive amount of experience with structures involving sinkhole damage, wind damage, collapse, insect damage, fire damage, flood damage and structural failure.

We would greatly appreciate the opportunity to provide our services to the *City of Ft. Lauderdale.* If you should have any questions, please do not hesitate to contact us at the below referenced number.

Sincerely,

Biller Reinhart Structural Group, Inc. State of Florida Certificate of Authorization No. 9149

Robert J. Reinhart, PE Vice President/Principal Structural Engineer

Biller Reinhart Structural Group, Inc.

4700 Sheridan Street, Suite J Ft. Lauderdale, Florida 33021 Phone: 954.351.9006 · Fax: 954.351.9009

3434 Colwell Avenue, Suite 100 Tampa, Florida 33614 Phone: 813.908.7203 · Fax: 813.931.5200

Email: rreinhart@billerreinhart.com

How to submit bids/proposals: Proposals must be submitted by hard copy only. It will be the sole responsibility of the Bidder to ensure that the bid reaches the City of Fort Lauderdale, City Hall, Procurement Services Division, Suite 619, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, prior to the bid opening date and time listed. Bids/proposals submitted by fax or email will NOT be accepted.

The below signed hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the CITY and such acceptance covers all terms, conditions, and specifications of this bid/proposal.

Please Note: All fields below must be completed. If the field does not apply to you, please note N/A in that field.

Submitted by:	folent feinshart		2/25/14
, _	(signature)		(date)
Name (printed)	Robert J. Reinhart, PE	 Vice President	

Company: (Legal Registration) Biller Reinhart Structural Group, Inc.

CONTRACTOR, IF FOREIGN CORPORATION, MAY BE REQUIRED TO OBTAIN A CERTIFICATE OF AUTHORITY FROM THE DEPARTMENT OF STATE, IN ACCORDANCE WITH FLORIDA STATUTE §607.1501 (visit http://www.dos.state.fl.us/).

Address: 4700 Sheridan Street, Suite J

City_Hollywood			State:_	Florida Zip 33021
Telephone No. 954.351.9006	FAX No.	954.351.9009	Email:	rreinhart@billerreinhart.com

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions):

Payment Terms (section 1.04): <u>Net 45 days</u> Total Bid Discount (section 1.05): <u>Up to 10% based on project fee</u>

Does your firm qualify for MBE or WBE status (section 1.09): MBE _____ WBE _____ Not Applicable.

<u>ADDENDUM ACKNOWLEDGEMENT</u> - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No. None.

Date Issued Not Applicable.

<u>VARIANCES</u>: State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. <u>HAVE YOU STATED ANY VARIANCES OR EXCEPTIONS BELOW?</u> BIDDER MUST CLICK THE <u>EXCEPTION LINK IF ANY VARIATION OR EXCEPTION IS TAKEN TO THE SPECIFICATIONS, TERMS AND CONDITIONS.</u> If this section does not apply to your bid, simply mark N/A in the section below.

revised 11-29-11

ARCHITECT - ENGINEER QUALIFICATIONS

	PART I - CONTRACT-SPECIFIC QUALIFICATIONS							
	A. CONTRACT INFORMATION							
1. T	ITLE AND LO	OCATON (C	ity and State		CT for Structural Engine	eerina S	ervices (CCNA) – City of Ft.	Lauderdale. Florida
2. P	UBLIC NOT	ICE DATE 2	2/28/2014			<u> </u>	3. SOLICITATION OR PROJECT N	JMBER RFQ # 946-11366
					B. ARCHITECT-ENG	INEER F	POINT OF CONTACT	
4. N	AME AND T	ITLE		Robert	J. Reinhart. PE: Vice Pr	esident	. Principal Structural Engine	er
5. N	AME OF FIF	RM			Biller Reinhart S	Structu	ural Group. Inc.	
6. T	ELEPHONE	NUMBER (954)35	1-9006		7. FAX NUMBER (954)351-9009		8. E-MAIL ADDRESS	@billerreinhart.com
		()))		(Comple	C. PRO	POSED	TEAM	re)
		(Check)	1	Comple				10.)
	PRIME	>-r	SUBCON- TRACTOR	9	. FIRM NAME		10. ADDRESS	11. ROLE IN THIS CONTRACT
	~			Biller Rein	hart Structural Group	4700 S Hollyv	Sheridan Street, Suite J wood, Florida 33021	Structural Engineering Threshold Inspection
a.								
					BRANCH OFFICE			
b.								
					BRANCH OFFICE			
C.								
					BRANCH OFFICE			
a.								
0								
0.				Пснеские	BRANCH OFFICE			
f.								
					BRANCH OFFICE			

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)						
12. NAME		14. Y	EARS EXPERIENCE			
Michael H. Biller, PE, RRC	Principal En	gineer	a. TOTAL 23	b. WITH CURRENT FIRM 11		
15. FIRM NAME AND LOCATION (<i>City and State</i>) Biller Reinhart Structural Group, Inc.						
16. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) Bachelor of Science in Civil Engineering <i>UF</i> , 1990; Master of Engineering <i>UF</i> , 1991		17. CURRENT PROFESSIONAL REGISTRATION (<i>STATE AND DISCIPLINE</i>) Florida Professional Engineer 49972; Florida Threshold Special Inspector 1149; Registered Roof Consultant 0722; NCEES Council Record No. 14300				

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

American Institute of Steel Construction ; American Society of Civil Engineers; Florida Engineering Society; International Concrete Repair Institute: Board Director/Florida West Coast Chapter - President 2013, 2005, Vice President 2012, 2004, Past President 2006, Secretary 2003; Lorman Education Services: Faculty – Proper Assessment and Planning for Structural Renovations of Existing Buildings and Structures in Florida; National Society of Professional Engineers; Structural Engineering Institute of the American Society of Civil Engineers; Structural Engineers Council; National Academy of Forensic Engineers – Senior Member; Florida Institute of Consulting Engineers; American Council of Engineering Companies; RCI (Roof Consultants Institute)

	19. RELEVANT PROJECTS						
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED				
	Tampa City Hall Light-Painting Anchorage Design Tampa, Florida	PROFESSIONAL SERVICES 2006	CONSTRUCTION (if applicable) 2006				
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart performed structural design and prepared construction document Painting. BillerReinhart coordinated with artist Steven Knapp for connection an collecting and dispersing light on the building façade. Project Role: Principal Engineer	Check if project performed with curr s for the installation anchora d mounting details for the so	ent firm age of Tampa City Hall Light- culptural elements required for				
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED				
	Tampa, Florida	PROFESSIONAL SERVICES 2006	CONSTRUCTION (<i>if applicable</i>) 2006				
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart performed a site visit to assess structural damage after a fire devas in Ybor City. The whole roof structure was completely destroyed and the seco BillerReinhart developed a report on how to restore/re-shore the first floor walls an Project Role: Principal Engineer	Check if project performed with cun stated the historic building ne nd floor exterior brick walls nd temporarily support them p	rent firm ext to the Columbia Restaurant were extremely compromised. pending reconstruction.				
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED					
	Sarasota Opera House Renabilitation Sarasota, Florida	PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable) 2007				
C.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart performed structural design for the restoration of a historic 1920 structural steel exterior wall and elevated floor beams and bar joists that exhibit BillerReinhart performed site visits during construction to observe progress. Project Role: Principal Engineer	Check if project performed with curries of a construction of the set of th	rent firm ope of repair work addressed tion and resulting impairment.				
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED					
	Tampa, Florida	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2008				
d.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE BillerReinhart prepared design drawings and specifications for the restoration of deteriorated post-tensioned reinforced concrete columns at the 9-story office building. BillerReinhart also performed construction administration services including conducting site visits during the restoration work to observe construction progress and submitting reports documenting the work to the client and building code official. Project Role: Principal Engineer						
	(1) TITLE AND LOCATION (City and State) Brandon Regional Hospital Threshold Inspection	(2) YEAR	COMPLETED				
	Brandon, Florida	PROFESSIONAL SERVICES 2004	CONSTRUCTION (<i>if applicable</i>) 2004				
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart performed Threshold Inspector duties as per Chapters 471 and 55 garage structure and the structural steel heart center tower. BillerReinhart rev performed site visits to observe project construction, and prepared reports do jurisdiction over the project. Project Role: Principal Engineer	Check if project performed with curr 53 of the Florida Statutes for viewed structural drawings, ocumenting the work to the	ent firm the pre-cast concrete parking specifications, and submittals, building code official having				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)						
12. N	AME	13. ROLE IN THIS CONTRACT		14. YEAF	RS EXPERIENCE	
Rob	pert J. Reinhart, PE	Principal Er	ngineer	a. TOTAL	b. WITH CURRENT FIRM	
				23	11	
15. F Bille	IRM NAME AND LOCATION (City and State Reinhart Structural Group, I	te) NC.				
16. E Bach Mast	DUCATION (DEGREE AND SPECIALIZAT nelor of Architectural Engineering ter of Engineering USF, 1996	пом) g Penn State, 1990	17. CURRENT PROFES: Florida Professiona NCEES Council Re	SIONAL REGISTRATION (S <i>TATE AN</i> I engineer 50076; Florida Th cord No. 14541	ID DISCIPLINE) reshold Special Inspector 1127;	
18. O Ame Penr	THER PROFESSIONAL QUALIFICATION rican Concrete Institute; Archite n State Alumni Association; Univ	S (Publications, Organizations, Trainin, ctural Engineering Institute of rersity of South Florida Alumr	g, Awards, etc.) the American Society ii Association	/ of Civil Engineers; Internati	onal Concrete Repair Institute;	
		19. RI	ELEVANT PROJECT	S		
	(1) TITLE AND LOCATION (City and Sta	ate)		(2) YEA	R COMPLETED	
	Krause Pumping Station Rel	habilitation		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
	(3) BRIEF DESCRIPTION (Brief scope)	size, cost, etc.) AND SPECIFIC ROLE		2013 Check if project performed with cu	urrent firm	
a. BillerReinhart performed structural design and consultation services for the rehabilita The upgrade will provide station capacity to meet peak wet weather flows and the da include relocating and replacing equipment, various pump, platform and foundation d and out of the building and reconfiguring and raising the roof structure for the inst aesthetics of the 1951 facility. Project Role: Principal Engineer				abilitation of Krause Pumpir the daily flow requirements. tion designs, hoist system o e installation of new equipr	ing Station in downtown Tampa. The structural rehabilitation will lesign to transport equipment in nent while maintaining building	
	(1) TITLE AND LOCATION (City and Sta	ate)		(2) YEAR COMPLETED		
	Fire Station #11 Tampa, Florida			PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
b.	 (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE ⊠ Check if project BillerReinhart performed structural design services for the structural elements of a new fire static shallow spread concrete footings and concrete slab on structural fill, reinforced concrete mason columns) and re-engineered metal plated connected timber trusses and plywood decking for rook west elevations of the building will be retaining earth/structural fill and supporting sidewalks. A equipment is to be constructed at the southeast corner of the building. 				Trent firm The new building is comprised of and concrete frame (beams and e CMU walls along the east and a housing a generator and other	
	(1) TITLE AND LOCATION (City and Sta	ate)		(2) YEA	R COMPLETED	
	Tampa, Florida	radition		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
C.	 (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Interview (<i>Stable for the structure for the sign for a one-story building addition encompassing approximately 1200 square feet adjacent to existing one-story classroom and gymnasium structure. The new building contains of a weight room and broadcast studio. The construct of the new addition is comprised of shallow cast-in-place concrete spread foundations and floor slab on grade, reinforced concrete masc unit (<i>CMU</i>) walls, open web steel bar joists, and metal roof deck.</i> Project Role: Principal Engineer 					
	(1) TITLE AND LOCATION (City and Sta NEL Youth Education Conto	ate)		(2) YEA	R COMPLETED	
	Tampa, Florida	r mresholu mspection		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
 (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE (4) BillerReinhart performed Threshold Inspector duties as per Chapters 471 and 553 of the Florida Sta BillerReinhart reviewed structural drawings, specifications, and submittals, performed site visits to obset summary reports documenting the work, and issue a Final Letter of Compliance to the owner, contract record and building code official having jurisdiction over the project. Project Role: Principal Engineer/Threshold Inspector 				© Check if project performed with c ad 553 of the Florida Statu formed site visits to observe to the owner, contractor,	architect, structural engineer of	
	(1) TITLE AND LOCATION (City and Sta	ate)		(2) YEA	R COMPLETED	
	Tampa, Florida	tion		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
e.	I ampa, Florida 2013 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Image: Check if project performed with cue billerReinhart performed site visits to five pool locations, Loretta Ingraham Community Center Pool; Cyrus G Dr M L King Jr Recreation Complex Pool; Spicola Family Pool; Sulphur Springs Recreation Complex Pool, tube slide structures. General summary reports of findings with recommendations were prepared and a Nondestructive Testing was completed for each pool slide for submission to the Florida Department of Agric Bureau of Fair Rides Inspection. Project Role: Project Role:				Inot applicable arrent fim Greene Community Center Pool; to visually evaluate the existing an Affidavit of Compliance and culture and Consumer Services	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)									
12. N	AME	13. ROLE IN THIS CONTRACT		14. YEAR	14. YEARS EXPERIENCE				
Bria	an E. Walter, PE	Project En	gineer	a. TOTAL 9	b. WITH CURRENT FIRM 8				
15. F Bille	15. FIRM NAME AND LOCATION (City and State) Biller Reinhart Structural Group, Tampa, Florida								
16. E Bacł	DUCATION (DEGREE AND SPECIALIZATION DEGREE AND SPECIALIZATION OF Science in Civil Engineering)	on) ng USF, 2003	17. CURRENT PROFESS Florida Professiona	SIONAL REGISTRATION (<i>STATE AN</i> I Engineer 66538	ID DISCIPLINE)				
18. C Ame Alun	THER PROFESSIONAL QUALIFICATIONS rrican Institute of Steel Construction nni Association	(Publications, Organizations, Training on; American Society of Civil	<i>g, Awards, etc.)</i> I Engineers; Internatio	nal Concrete Repair Institute	; University of South Florida				
		19. RE	ELEVANT PROJECTS	3					
	(1) TITLE AND LOCATION (City and State	e) Nuch la Dantition Addition		(2) YEAF	R COMPLETED				
	Tampa Convention Center Mo Tampa, Florida	ovable Partition Addition		PROFESSIONAL SERVICES 2008	CONSTRUCTION (<i>if applicable</i>) 2009				
a.	(s) BREF DESCRIPTION (Brief Scope, SL BillerReinhart provided structure walls on the exposition level. M of existing concrete masonry w stairs for roof access (at cooling blocking up of existing openings Project Role: Project Engineer	al engineering design and re Additications included additi ralls, addition of new concre g tower), new door opening S. er	enovation services for onal structural steel to ate masonry walls, ren to access roof area (the installation of a new sect of the roof framing to support noval of an existing roll-up d at cooling tower), rerouting o	tion of moveable partition panel the new panels, the demolition loor, relocation of existing steel of HVAC and water piping, and				
	(1) TITLE AND LOCATION (City and State	e) Study		(2) YEAF	R COMPLETED				
	Clearwater Beach, Florida	Study		PROFESSIONAL SERVICES 2011	CONSTRUCTION (<i>if applicable</i>) not applicable				
b.	(3) BRIEF DESCRIPTION (Bhill scope, st. BillerReinhart performed a feas. to accommodate restaurant occ for the restaurant being propose by rectangular concrete column the new restaurant and equipme to assess the existing condition non-destructive concrete testing to accommodate the proposed Project Role: Project Enginee	ibility study to verify that the supancy load per the current ed. The second floor is comp as. BillerReinhart reviewed a ent locations. BillerReinhart of discernible structural ele g to estimate the capacity of new restaurant. er	structure of the secon t building code require prised of a concrete jo available drawings of conducted a visual su ements of the building the second floor and	The Clearwater project periodined with du- ments and can support varior ist and beam system with a 2 the Clearwater Marina Build rivey to verify the accuracy o b. BillerReinhart then perform provided an opinion regardir	arina Building, has the capacity pus equipment that will be used " concrete floor slab supported ling and any proposed plans of f available record drawings and med structural calculations and ig the ability of the second floor				
	(1) TITLE AND LOCATION (City and State	e)		(2) YEAR	R COMPLETED				
	Old City Hall Elevator Shaft R Tampa, Florida	ehabilitation		PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) 2009				
c.	(3) BRIEF DESCRIPTION (Brief scope, siz BillerReinhart performed a con BillerReinhart performed struc structural strengthening of the e Project Role: Project Enginee	ze, cost, etc.) AND SPECIFIC ROLE dition survey of discernible tural design and prepared elevator shaft to support the er	structure elements o construction docum new elevator equipme	Check if project performed with cu f the existing supports for the ents (drawings and specific ent.	rrent firm he manually-operated elevator. cations) for modifications and				
	(1) TITLE AND LOCATION (City and State Bon T. Davis Boach Structure	e) Dosign		(2) YEAF	R COMPLETED				
	Ben 1. Davis Beach Structure Design Tampa, Florida			PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) ongoing				
 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (4) BillerReinhart performed structural design services for the structural elements of new elevated building for concessions, lifeg restrooms at the Beach Park. BillerReinhart reviewed the Piling Analysis and Addendum and performed calculations for the subject building including stair and ramp elements and prepared construction documents for the structural elements of the BillerReinhart also provided technical assistance during the bid phase of the project and Construction Administration Se correspondence for permit review and during construction, reviewed submittals and shop drawings regarding structural work visits to observe project construction and/or attend project related meetings and performed a final site visit / walk throug completion of construction. Project Role: Project Engineer 									
	(1) TITLE AND LOCATION (City and State	e) Center Threshold Inspect	ion	(2) YEAF	R COMPLETED				
	Tampa, Florida			PROFESSIONAL SERVICES 2003	CONSTRUCTION (if applicable) 2003				
 (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE (4) BrillerReinhart performed Threshold Inspector duties as per Chapters 471 and 553 of the Florida Statutes for this communication structure consists of cast-in-place concrete foundations and floor slab on grade, reinforced concrete masonry walls, an areas. BillerReinhart reviewed structural drawings, specifications, and submittals, performed site visits to observe project prepared reports documenting the work to the building code official having jurisdiction over the project. Project Role: Project Engineer/Threshold Inspector Agent 					rrent firm or this community center. The ry walls, and steel framed roof serve project construction, and				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT Structural Engineer		14. YEARS EXPERIENCE		
Lee Levoir, PE			a. TOTAL	9	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION (City and State) Biller Reinhart Structural Group, Tampa, Florida					
16. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) Bachelor of Science in Civil Engineering <i>McMaster University</i> , 2000		17. CURRENT PROFES Florida Professional	SSIONAL REGISTR Engineer 692	ration <i>(state an</i> 204	ID DISCIPLINE)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS							
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED				
	Tampa, Florida	PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) ongoing				
a.	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE IN Check if project performed with current firm a. BillerReinhart performed structural design for a one-story building addition encompassing approximately 1200 square feet adjacent existing one-story classroom and gymnasium structure. The new building contains of a weight room and broadcast studio. The constru of the new addition is comprised of shallow cast-in-place concrete spread foundations and floor slab on grade, reinforced concrete ma unit (CMU) walls, open web steel bar joists, and metal roof deck. 						
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED				
	Tampa, Florida	PROFESSIONAL SERVICES 2008	CONSTRUCTION (<i>if applicable</i>) 2008				
b.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE BillerReinhart prepared design drawings and specifications for the restoration of deteriorated post-tensioned reinforced concrete columns at the 9-story office building. BillerReinhart also performed construction administration services including conducting site visits during the restoration work to observe construction progress and submitting reports documenting the work to the client and building code official. Project Role: Structural Engineer						
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED					
	Valrico, Florida	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2008				
c.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <i>BillerReinhart prepared design drawings and specifications and bid documents for the restoration and waterproofing of deteriorated precast concrete walkway slabs for the 2-story school building. BillerReinhart assisted the client and owner during the bidding phase of the project to select a contractor to perform the restoration work. BillerReinhart also performed construction administration services including the following: conducting site visits during the restoration work to observe construction progress, submitting reports documenting the work, and reviewing contractor pay requests.</i>						
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED					
	Wauchula, Florida	PROFESSIONAL SERVICES 2009	CONSTRUCTION (<i>if applicable</i>) 2009				
d.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Check if project performed with current firm BillerReinhart performed an analysis of the existing structural steel roof structures to determine their ability to withstand current wind and dead/live load requirements. BillerReinhart prepared design drawings and specifications for the structural modifications/supplementation for the existing roof structures. The roof modifications/supplementation enabled the roof structures to support new metal roof systems and withstand current wind load requirements. Project Role: Structural Engineer						
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED				
	Sarasota, Florida	PROFESSIONAL SERVICES 2007	CONSTRUCTION (<i>if applicable</i>) 2007				
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE If Check if project performed with current firm BillerReinhart provided structural engineering design and renovation services for the removal of the existing hydraulic orchestra lift and replacement with electric lifting mechanisms. The new lifting mechanisms employ a coiled, flexible flat steel spring that expands with the insertion of a thin vertically-oriented spiral steel band. The result is a fully rigid column formed of continuous integrated I-shaped sections. Other structural elements required for the installation of the new lift system included shoring of the existing lift framing structure, mounting plates and concrete footings to support the new lifts, reinforcing of the existing guide system, and validation of the lift framing structure for imposed loadings. Project Role: Structural Engineer						

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)								
12. NAME Clayton L. Prescott, PE, SE, RRC		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE				
		Structural E	ngineer	a. TOTAL 8	b. WITH CURRENT FIRM			
15. FI Bille	RM NAME AND LOCATION (City and State, r Reinhart Structural Group, Ta) Impa, Florida						
16. El Bach	DUCATION (DEGREE AND SPECIALIZATION IN THE AND SPECIALIZATION IN THE AND SPECIALIZATION IN THE AND SPECIALIZATION (DEGREE AND SPECIALIZ	on) ng USF, 2005	18. CURRENT PROFE Florida Professional Registered Roof Co	SSIONAL REGISTRATION (STATE A Engineer 70985 nsultant 0734	ND DISCIPLINE)			
18. O Ame Oper	 OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers; Florida Urban Search and Rescue – Florida Task Force; Hillsborough County Fire Rescue – Special Operations; USF Alumni Association 							
		19. R	ELEVANT PROJECTS					
	(1) TITLE AND LOCATION (City and State	e)		(2) YEAF	R COMPLETED			
	Tampa, Florida			PROFESSIONAL SERVICES 2008	CONSTRUCTION (<i>if applicable</i>) 2008			
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm BillerReinhart prepared design drawings and specifications for the restoration of deteriorated post-tensioned reinforced concrete colu the 9-story office building. BillerReinhart also performed construction administration services including conducting site visits dur restoration work to observe construction progress and submitting reports documenting the work to the client and building code official. Project Role. Structural Engineer								
	(1) TITLE AND LOCATION (City and State Street Sweeper Facility Desig	e)	(2) YEA	R COMPLETED				
	Clearwater, Florida			PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) ongoing			
b.	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Biller Reinhart will perform structural consultation services for the design of a street sweeper dump facility located off of North Actura Avenue adjacent to the east side of the Clearwater Air Park. The facility is to include a vacuum and street sweeping dump location, screening location, and a drive-thru wash out station. The super-structure is to consist of steel framing (pre-engineered metal building Based on the findings and recommendations of the geotechnical evaluation the foundation system was designed. BillerReinhart performe calculations for the structural design of the pre-engineered metal building foundation and floor system. BillerReinhart prepared construction documents for the structura elements of the building foundation. BillerReinhart provided technical assistance during the bid phase of the project and provide Construction Administration Services including correspondence for permit review and during construction. 							
	(1) TITLE AND LOCATION (City and State	e)		(2) YEAR COMPLETED				
	Wauchula, Florida	nalysis and Design		PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) 2009			
 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (4) BrillerReinhart performed an analysis of the existing structural steel roof structures to determine their ability to withstand current wind a dead/live load requirements. BillerReinhart prepared design drawings and specifications for the structural modifications/supplementation the existing roof structures. The roof modifications/supplementation enabled the roof structures to support new metal roof systems a withstand current wind load requirements. Project Role: Structural Engineer 								
	(1) TITLE AND LOCATION (City and State	e) tion		(2) YEA	R COMPLETED			
	Tampa, Florida			PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) 2009			
 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (4) BillerReinhart performed structural design and prepared construction documents (d for the existing Northwest Chiller Plant on the University of South Florida campus. elevated on structural steel frames and a chiller and associated pumps and pipi foundations, steel support frames and pipe supports. Project Role: Structural Engineer 				Check if project performed with cu (drawings and specification is. The expansion includes piping. Structural design w	rrent firm ns) for a chiller plant expansion new double cell cooling towers as provided for the equipment			
	(1) TITLE AND LOCATION (City and State Forest Hills Elementary Penal	e) irs		(2) YEA	R COMPLETED			
	Tampa, Florida			PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) ongoing			
е.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart performed structural restoration services for the damaged brick BillerReinhart performed site visits to Identify the severity of the structural conc BillerReinhart validated repair processes and compliance related to health life and Project Role: Structural Engineer			Check if project performed with cu veneer arched entry area ern and developed signed a d safety and will serve as co	rrent firm at the subject school location. and sealed drawings for repair. nstruction administrator.			

	E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)							
12. NAME 13. ROLE IN THIS CONTRACT				14. YEAR	14. YEARS EXPERIENCE			
Sha	ne M. Maxemow, EI, LEED GA	Structural E	ngineer	a. TOTAL	b. WITH CURRENT FIRM			
15. F	IRM NAME AND LOCATION (City and State,)		L	I			
Bille	r Reinhart Structural Group, Ta	mpa, Florida	1					
16. E Bach Mas	DUCATION (DEGREE AND SPECIALIZATION helor of Science in Civil Engineerin ter of Civil Engineering, Structural	on) ng USF, 2012 USF, 2012	17. CURRENT PROFESS	IONAL REGISTRATION (STATE ANI	D DISCIPLINE)			
18. 0 Ame	THER PROFESSIONAL QUALIFICATIONS rican Society of Civil Engineers (A	(Publications, Organizations, Training ASCE); FL Structural Engine	g, Awards, etc.) eers Association (FSEA	A); US Green Building Counc	cil (USGBC)			
		19. RE	ELEVANT PROJECTS					
	(1) TITLE AND LOCATION (City and State Ben T. Davis Beach Structure	Design		(2) YEAI				
	Tampa, Florida	-		2013	ongoing			
a.	BillerReinhart performed structurestrooms at the Beach Park. subject building including stair a BillerReinhart also provided tea correspondence for permit review visits to observe project construction. Project Role: Structural Engi	new elevated building for con ddendum and performed ca cuments for the structural en project and Construction Ao nd shop drawings regarding d performed a final site vis	ncessions, lifeguard station and loculations for the design of the lements of the subject building. Iministration Services including structural work, performed site it / walk through at substantial					
	(1) TITLE AND LOCATION (City and State	e) Nall Design		(2) YEAR COMPLETED				
	Zephyrhills, Florida	Wall Design	PROFESSIONAL SERVICES 2012	CONSTRUCTION (<i>if applicable</i>) 2013				
b.	(3) BRIEF DESCRIPTION (Brief scope, size BillerReinhart performed structure approximately 70' long, for the or and on the west side of the walk attended project related meeting drawings and submittals and re- Project Role: Structural Engi	ze, cost, etc.) AND SPECIFIC ROLE iral design and prepared con construction of a multiuse hi is going to be the trail. The gs and performed site visits, sponded to contractor RFI's. neer	nstruction documents (ke/bike trail in Zephyrh parking lot remained performed calculation	Check if project performed with cu drawings and specifications ills. On the east side of the in service during the constru- is and provided construction	rrent firm) for a retaining wall, wall is an existing parking lot ction of the wall. BillerReinhart documents, reviewed shop			
	(1) TITLE AND LOCATION (City and State	ə)		(2) YEAI	R COMPLETED			
	NFL Youth Education Center Tampa, Florida	Threshold Inspection		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable)			
c.	2013 Ongoing 2013 Ongoing (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart performed Threshold Inspector duties as per Chapters 471 and 553 of the Florida Statutes for the one-story addition BillerReinhart reviewed structural drawings, specifications, and submittals, performed site visits to observe project construction, prepared summary reports documenting the work, and issue a Final Letter of Compliance to the owner, contractor, architect, structural engineer c record and building code official having jurisdiction over the project. Project Role: Structural Engineer/Threshold Inspector Agent							
	(1) TITLE AND LOCATION (City and State Fire Station #11 Design	<i>?)</i>		(2) YEAI	R COMPLETED			
	Tampa, Florida			PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) ongoing			
d.	 d. (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <i>BillerReinhart performed structural design services for the structural elements of a new fire station building. The new building is comprised or shallow spread concrete footings and concrete slab on structural fill, reinforced concrete masonry unit walls and concrete frame (beams and columns) and re-engineered metal plated connected timber trusses and plywood decking for roof framing. The CMU walls along the east and west elevations of the building will be retaining earth/structural fill and supporting sidewalks. A covered area housing a generator and other equipment is to be constructed at the southeast corner of the building.</i> Project Role: Structural Engineer 							
	(1) TITLE AND LOCATION (City and State	e)		(2) YEAI	R COMPLETED			
	Tampa, Florida	abilitation		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) ongoing			
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart performed structural design and consultation services for the reha The upgrade will provide station capacity to meet peak wet weather flows and t include relocating and replacing equipment, various pump, platform and foundar and out of the building and reconfiguring and raising the roof structure for the aesthetics of the 1951 facility. 1.5M Project Role: Structural Engineer			Check if project performed with cu abilitation of Krause Pumpin he daily flow requirements. ion designs, hoist system de e installation of new equipn	rrent firm g Station in downtown Tampa. The structural rehabilitation will esign to transport equipment in nent while maintaining building			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Rar	Randy L. Cook, Jr. Structural Technician		a. TOTAL 27	b. WITH CURRENT FIRM 10	
15. F Bille	IRM NAME AND LOCATION (City and State, Reinhart Structural Group, Ta) Impa, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) 17. CURRENT PROFESSIONAL REGISTRATION Associate Degree of Applied Sciences in Architectural Design 17. CURRENT PROFESSIONAL REGISTRATION Tampa Technical Institute, 1984 1984			IONAL REGISTRATION (STATE AN	D DISCIPLINE)	
18. C Auto	THER PROFESSIONAL QUALIFICATIONS odesk User Group International; In	(Publications, Organizations, Trainin ternational Concrete Repair	g, Awards, etc.) r Institute; Tampa Bay	AutoCAD User Group	
		19. R	ELEVANT PROJECTS	3	
	(1) TITLE AND LOCATION (City and State	e) wahla Partition Addition		(2) YEA	R COMPLETED
	Tampa, Florida			PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2008
a.	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart provided structural engineering design and renovation services for walls on the exposition level. Modifications included additional structural steel to of existing concrete masonry walls, addition of new concrete masonry walls, ren stairs for roof access (at cooling tower), new door opening to access roof area (ablocking up of existing openings. Project Role: Structural Technician 		the installation of a new sec the roof framing to support noval of an existing roll-up o at cooling tower), rerouting o	rrent timm tion of moveable partition panel the new panels, the demolition loor, relocation of existing steel of HVAC and water piping, and	
	(1) TITLE AND LOCATION (City and State	e) nont Eacility		(2) YEA	R COMPLETED
	Tampa, Florida			PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2008
b.	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart provided structural engineering services for generator and storag Tampa, Florida. BillerReinhart reviewed the geotechnical investigation report reg cut sheets for the new generator and 12,000 gallon above ground storage tank (including anchor bolts as required) for the generator and storage tank. BillerRe storage tanks and foundations, performed a site visit to observe existing co structural steel stairs and access platform (independently supported). BillerRe access platforms and the foundations. 		generator and storag nvestigation report rega ground storage tank a storage tank. BillerRei o observe existing con / supported). BillerRei	e tank foundations for a wa arding site conditions and fou nd performed calculations fo nhart also reviewed drawing nditions and performed calc inhart prepared drawings ar	ter treatment facility located in undation recommendations and or the design of the foundations s for the existing above ground sulations for the design of the nd specifications for the stairs,
	(1) TITLE AND LOCATION (City and State	e)		(2) YEA	R COMPLETED
	Canopies at Central Fleet Maintenance Design Tampa, Florida		PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) 2010	
C.	(3) BRIEF DESCRIPTION (<i>Brief scope, si</i> , BillerReinhart performed struct consist of shallow spread found Project Role: Structural Tech	ze, cost, etc.) AND SPECIFIC ROLE fural design for canopies s lations linked with grade bea inician	heltering dump trucks ams, structural steel co	☑ Check if project performed with current firm to be serviced. The structural elements of the canopies lumns and beams, and corrugated steel roof deck.	
	(1) TITLE AND LOCATION (City and State	e)		(2) YEA	R COMPLETED
	Fire Station #11 Design Tampa, Florida		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) ongoing	
 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (4) BrillerReinhart performed structural design services for the structural elements of a new fire station building. The new building is shallow spread concrete footings and concrete slab on structural fill, reinforced concrete masonry unit walls and concrete frame columns) and re-engineered metal plated connected timber trusses and plywood decking for roof framing. The CMU walls along west elevations of the building will be retaining earth/structural fill and supporting sidewalks. A covered area housing a generate equipment is to be constructed at the southeast corner of the building. Project Role: Structural Technician 			rrent firm he new building is comprised of and concrete frame (beams and e CMU walls along the east and housing a generator and other		
	(1) TITLE AND LOCATION (City and State	e)		(2) YEA	R COMPLETED
	Krause Pumping Station Rehabilitation Tampa, Florida			PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) ongoing
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart performed structural design and consultation services for the reha The upgrade will provide station capacity to meet peak wet weather flows and the include relocating and replacing equipment, various pump, platform and foundation and out of the building and reconfiguring and raising the roof structure for the aesthetics of the 1951 facility. Project Role: Structural Technician		Check if project performed with cuabilitation of Krause Pumpin he daily flow requirements. ion designs, hoist system de installation of new equipn	rrent tim g Station in downtown Tampa. The structural rehabilitation will esign to transport equipment in nent while maintaining building	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)

12. NAME Kraig A. Cook		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE		
		Structural Technician		a. TOTAL 2	b. WITH CURRENT FIRM
15. F	RM NAME AND LOCATION (Citv and State)		_	2
Bille	r Reinhart Structural Group, Ta	mpa, Florida	-		
16. EDUCATION (DEGREE AND SPECIALIZATION) 1 Associates of Science Degree of Computer Aided Drafting and Design 1 Southwest Florida College, 2012 1		17. CURRENT PROFESS	IONAL REGISTRATION (STATE AND	DISCIPLINE)	
18. O Auto	THER PROFESSIONAL QUALIFICATIONS desk User Group International; In	(Publications, Organizations, Trainin ternational Concrete Repair	g, Awards, etc.) Institute		
		19. RI	ELEVANT PROJECTS		
	(1) TITLE AND LOCATION (City and State	e)		(2) YEAR	COMPLETED
	Tampa, Florida	ration		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2013
a.	(3) BRIEF DESCRIPTION (Brief scope, si. Biller Reinhart Structural Group BillerReinhart performed site vi containing a scope of work for permitting and construction. E meetings, issued reports to doc Project Role: Structural Tech	ze, cost, etc.) AND SPECIFIC ROLE b, Inc. performed structural isits to visually observe the or the project, technical sp BillerReinhart performed sit ument observations made c Inician	restoration services fo existing condition of t pecifications, required e visits to observe p luring site visits, projec	Check if project performed with curr r two (2) exterior stair cases the subject stair structures and construction details, and e project construction as requi- t correspondence, and review	ent firm at the subject school location. nd produced a Project Manual stimated repair quantities for ired, attended project related wed product submittals.
	(1) TITLE AND LOCATION (City and State	e)		(2) YEAR	COMPLETED
	Zephyrhills, Florida	wan Design		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2013
b.	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart performed structural design and prepared construction doct approximately 70' long, for the construction of a multiuse hike/bike trail in Zepu and on the west side of the wall is going to be the trail. The parking lot remained attended project related meetings and performed site visits, performed calculater drawings and submittals and responded to contractor RFI's. Project Role: Structural Technician 		d construction docum ike/bike trail in Zephyi e parking lot remained ts, performed calculati	In Check if project performed with curri- pents (drawings and specifi- rhills. On the east side of the in service during the construc- ions and provided constructions.	rentim cations) for a retaining wall, e wall is an existing parking lot ction of the wall. BillerReinhart on documents, reviewed shop
	(1) TITLE AND LOCATION (<i>City and State</i>) Seminole Elementary Seminole, Florida		(2) YEAR	COMPLETED	
			PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2013	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE IC ROLE Check if project performed with current firm Biller Reinhart Structural Group, Inc. performed structural design services for an addition and modifications to the cafeteria building upgrades that included the construction of a new one-story mechanical building adjacent to the cafeteria building. Construction of mechanical building is shallow foundations, slab on grade, concrete masonry unit walls with brick veneer, and open-web steel joist and deck roof framing, New on-grade equipment slab foundations, additions and modifications of roof framing on the existing cafeteria for mechanical roof curbs and/or openings and new mechanical associated penetrations through the exterior walls of the exiting of building. Project Role: Structural Technician		rent firm o the cafeteria building for AC ding. Construction of the new open-web steel joist and metal the existing cafeteria building r walls of the exiting cafeteria			
	(1) TITLE AND LOCATION (City and State Fire Station #11 Design	e)		(2) YEAR	COMPLETED
	Tampa, Florida			PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) ongoing
 d. 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. BillerReinhart performed structural design services for the structural elements of a new fire station building. The new building is comprise shallow spread concrete footings and concrete slab on structural fill, reinforced concrete masonry unit walls and concrete frame (beams columns) and re-engineered metal plated connected timber trusses and plywood decking for roof framing. The CMU walls along the east west elevations of the building will be retaining earth/structural fill and supporting sidewalks. A covered area housing a generator and o equipment is to be constructed at the southeast corner of the building. 			rent firm the new building is comprised of nd concrete frame (beams and CMU walls along the east and housing a generator and other		
	(1) TITLE AND LOCATION (City and State	e)		(2) YEAR COMPLETED	
	Tarpon Springs Middle Schoo Tarpon Springs, Florida			PROFESSIONAL SERVICES 2013	CONSTRUCTION (<i>if applicable</i>) 2013 rent firm
 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE (3) BRIEF Reinhart Structural Group, Inc. performed structural design services for additions and modified accommodate AC upgrades including four new one-story mechanical buildings (one on each or buildings). Each new mechanical building is approximately 400 square feet. Construction of t foundations, slab on grade, concrete masonry unit walls with brick veneer, and open-web BillerReinhart reviewed available construction drawings of the facility, performed a site visit to obselements and performed calculations as required for the design of structural elements for the prop Project Role: Structural Technician 		(one on each of the end ele Construction of the new med and open-web steel joist a a site visit to observe genera ents for the proposed modific	o 2-story classroom building to evations of the two classroom chanical buildings are shallow and metal deck roof framing. al condition of existing building eations.		

F. EXAMPLE PROJECTS WHICH BEST QUALIFICATIONS FOR (Present as many projects as requested by th Complete one Section I	20. EXAMPLE PROJECT KEY NUMBER 1		
21. TITLE AND LOCATION (<i>City and State</i>)	22. YEAR	COMPLETED	
Ben T. Davis Beach Structure	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	
Tampa, Florida	2013	ongoing	
23. PRO	JECT OWNER'S INFORM	ATION	
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CO	ONTACT TELEPHONE NUMBER
City of Tampa	Mr. Kevin L. Henika, AIA	813.274.567	

Biller Reinhart Structural Group, Inc. performed structural design services for the structural elements of new elevated building for concessions, lifeguard station and restrooms at the Beach Park. The construction of the new building is comprised of the following: 14-inch square prestressed concrete piles, elevated reinforced concrete slab with integral beams, reinforced concrete masonry unit walls on the elevated slab, preengineered non-corrosive (i.e., stainless steel) metal plate connected pressure-treated timber trusses and marine-grade plywood decking for roof framing, self supporting reinforced concrete ramp and stairs with guardrails and hand rails. BillerReinhart reviewed the Piling Analysis and Addendum and performed calculations for the design of the subject building including stair and ramp elements and prepared construction documents (drawings and specifications) for the structural elements of the subject building. BillerReinhart also provided technical assistance during the bid phase of the project and Construction Administration Services including correspondence for permit review and during construction, reviewed submittals and shop drawings regarding structural work, performed site visits to observe project construction and/or attend project related meetings and performed a final site visit / walk through at substantial completion of construction. \$500K



a.	(1) FIRM NAME Biller Reinhart Structural Group, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Structural Engineer
b.			
c.			
d.			
e.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 2
	22. YEAR COMPLETED	
Tampa Convention Center Movable Partition Addition	PROFESSIONAL SERVICES 2008	CONSTRUCTION (<i>if applicable</i>) 2009
23. PROJECT OWNER'S INFORM	IATION	

a. PROJECT OWNER	b. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER		
City of Tampa	David Lee	813. 274.8425		

Biller Reinhart Structural Group, Inc. provided structural engineering design and renovation services for the installation of a new section of moveable partition panel walls on the exposition level. Modifications included additional structural steel to the roof framing to support the new panels, the demolition of existing concrete masonry walls, addition of new concrete masonry walls, removal of an existing roll-up door, relocation of existing steel stairs for roof access (at cooling tower), new door opening to access roof area (at cooling tower), rerouting of HVAC and water piping, and blocking up of existing openings. \$400K



a.	(1) FIRM NAME Biller Reinhart Structural Group, Inc.	(2) FIRM LOCATION (<i>City and State</i>) Tampa, Florida	(3) ROLE Structural Engineer
b.			
c.			
d.			
e.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 3
	22. YEAR COMPLETED	
Old City Hall Elevator Renovation	PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) 2009
Tampa, Florida		
23. PROJECT OWNER'S INFORMATION		

		A POINT OF CONTACT THE EPHONE NUMBER
a. FROJECT OWNER	D. FOINT OF CONTACT NAME	C. FOINT OF CONTACT TELEFHONE NOWBER
City of Tampa	Mr. Larry Wilder AIA	813 242 6677
	mit Larry Wildor, Mit	010.212.0011
	Wilder Architecture, Inc.	
	wider Architecture, Inc.	

Biller Reinhart Structural Group, Inc. performed a condition survey of discernible structure elements of the existing supports for the manuallyoperated elevator. BillerReinhart performed structural design and prepared construction documents (drawings and specifications) for modifications and structural strengthening of the elevator shaft to support the new elevator equipment.



a.	(1) FIRM NAME Biller Reinhart Structural Group, Inc.	(2) FIRM LOCATION (<i>City and State</i>) Tampa, Florida	(3) ROLE Structural Engineer
b.			
C.			
d.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 4	
21. TITLE AND LOCATION (<i>City and State</i>) NFL Youth Education Center Addition Tampa, Florida	22. YEAR PROFESSIONAL SERVICES 2012	COMPLETED CONSTRUCTION (<i>if applicable</i>) ongoing	
23. PROJECT OWNER'S INFORMATION			

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Tampa	Mr. James E. Jackson, AIA	813.274.8456

Biller Reinhart Structural Group, Inc. performed structural design for a one-story building addition encompassing approximately 1200 square feet adjacent to an existing one-story classroom and gymnasium structure. The new building contains of a weight room and broadcast studio. The construction of the new addition is comprised of the following: shallow cast-in-place concrete spread foundations and floor slab on grade, reinforced concrete masonry unit (CMU) walls, open web steel bar joists, and metal roof deck. Robert J. Reinhart, PE, of BillerReinhart is the structural engineer of record for the original building. \$500K



a.	(1) FIRM NAME Biller Reinhart Structural Group, Inc.	(2) FIRM LOCATION (<i>City and State</i>) Tampa, Florida	(3) ROLE Structural Engineer
b.			
c.			
d.			
e.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)			20. EXAMPLE PROJECT KEY NUMBER 5
		22. YEAR COMPLETED	
21. TITLE AND LOCATION (City and State) PROFES Fire Station #11 PROFES		SERVICES	CONSTRUCTION (if applicable)
		13	ongoing
Tampa, Florida			
23. PROJECT OWNER'S INFORMATION			
	15		

a. PROJECT OWNER b. City of Tampa N	Mr. James E. Jackson, AIA	813.274.8456

Biller Reinhart Structural Group, Inc. performed structural design services for the structural elements of a new fire station building. The new building is comprised of shallow spread concrete footings and concrete slab on structural fill, reinforced concrete masonry unit walls and concrete frame (beams and columns) and re-engineered metal plated connected timber trusses and plywood decking for roof framing. The CMU walls along the east and west elevations of the building will be retaining earth/structural fill and supporting sidewalks. A covered area housing a generator and other equipment is to be constructed at the southeast corner of the building.

BillerReinhart performed calculations as required for the design of the fire station building and prepared construction documents (drawings and specifications) for the structural elements of the fire station building. BillerReinhart provided technical assistance during the bid phase of the project and provided Construction Administration Services including correspondence for permit review and during construction, review of submittals and shop drawings regarding structural work, performed site visits to observe project construction and attend project related meetings and perform a final walk through at the substantial completion of construction.\$350K



a.	(1) FIRM NAME Biller Reinhart Structural Group, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Structural Engineer
b.			
c.			
d.			
e.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION (<i>City and State</i>) Canopies at Central Fleet Maintenance Design Tampa, Florida PROFESSIONAL SI 2009		COMPLETED CONSTRUCTION (<i>if applicable</i>) 2010
23. PROJECT OWNER'S INFORMATION		

a. PROJECT OWNERb. POINT OF CONTACT NAMEc. POINT OF CONTACT TELEPHONE NUMBERCity of TampaMr. Kevin L. Henika, A.I.A.813.274.5678

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

BillerReinhart Structural Group, Inc. performed structural design for canopies sheltering dump trucks to be serviced. The structural elements of the canopies consist of shallow spread foundations linked with grade beams, structural steel columns and beams, and corrugated steel roof deck.



a.	(1) FIRM NAME Biller Reinhart Structural Group, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Structural Engineer
b.			
c.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY NUMBER 7	
21. TITLE AND LOCATION (<i>City and State</i>) Krause Pumping Station Rehabilitation Tampa, Florida	22. YEAR C PROFESSIONAL SERVICES 2013	COMPLETED CONSTRUCTION (if applicable) ongoing
23. PROJECT OWNER'S INFORMATION		

a. PROJECT OWNER	b. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER	
City of Tampa, Water Department	Ms. Cassidy L. Barrett	813-274-8890	

Biller Reinhart Structural Group, Inc. will perform structural design and consultation services for the rehabilitation of Krause Pumping Station in downtown Tampa. The upgrade will provide station capacity to meet peak wet weather flows and the daily flow requirements. The structural rehabilitation will include relocating and replacing equipment, various pump, platform and foundation designs, hoist system design to transport equipment in and out of the building and reconfiguring and raising the roof structure for the installation of new equipment while maintaining building aesthetics of the 1951 facility. BillerReinhart is currently in the design development phase of the project.

BillerReinhart reviewed available as-built/record construction documents of the building and other reports and documents regarding the building and various proposed equipment data sheets and/or shop drawings as necessary for loads/weights, anchorage and support requirements to design associated structural supports and foundations. BillerReinhart will perform calculations for the structural design for the pump station rehabilitation and prepare construction documents (drawings and specifications) for the structural elements. BillerReinhart will also provide technical assistance during the bid phase of the project and provide Construction Administration Services including correspondence for permit review and during construction, review submittals and shop drawings regarding structural work, perform site visits to observe project construction and attend project related meetings, prepare site observations report for each site visit and perform a final site visit at substantial completion of construction.\$1.5M



a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	Biller Reinhart Structural Group, Inc.	Tampa, Florida	Structural Engineer
b.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION (<i>City and State</i>) Park Trammell Building Restoration Tampa, Florida		COMPLETED CONSTRUCTION (<i>if applicable</i>) 2008

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER
Florida Department of Management Services	Richard Arcuri	813.233.3324

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

BillerReinhart Structural Group, Inc. prepared design drawings and specifications for the restoration of deteriorated post-tensioned reinforced concrete columns at the 9-story office building. BillerReinhart also performed construction administration services including conducting site visits during the restoration work to observe construction progress and submitting reports documenting the work to the client and building code official having jurisdiction.



a.	(1) FIRM NAME Biller Reinhart Structural Group, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Structural Engineer
b.			
c.			
d.			
e.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSEI QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY NUMBER 9	
21. TITLE AND LOCATION (City and State) Loretta Ingraham Community Center Threshold Inspection Tampa, Florida	22. YEAR C PROFESSIONAL SERVICES 2003	COMPLETED CONSTRUCTION (if applicable) 2003
23. PROJECT OWNER'S INFORM	ATION	

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Tampa	Mr. Steven Heiser, AIA	813.286.8206
	Harvard Jolley Architects	

Biller Reinhart Structural Group, Inc. performed Threshold Inspector duties as per Chapters 471 and 553 of the Florida Statutes for this community center. The structure consists of cast-in-place concrete foundations and floor slab on grade, reinforced concrete masonry walls, and steel framed roof areas. BillerReinhart reviewed structural drawings, specifications, and submittals, performed site visits to observe project construction, and prepared reports documenting the work to the building code official having jurisdiction over the project.\$2M



a.	(1) FIRM NAME Biller Reinhart Structural Group, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Structural Engineer
b.			
c.			
d.			
e.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSEI QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY NUMBER 10	
21. TITLE AND LOCATION (City and State) NFL Youth Education Center Threshold Inspection Tampa, Florida	22. YEAR C PROFESSIONAL SERVICES 2013	COMPLETED CONSTRUCTION (if applicable) ongoing
23. PROJECT OWNER'S INFORM	ATION	

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Tampa	Mr. James E. Jackson, AIA	813.274.8456

Biller Reinhart Structural Group, Inc. performed Threshold Inspector duties as per Chapters 471 and 553 of the Florida Statutes for the one-story addition. The building addition is comprised of Shallow spread concrete footings and concrete slab on grade, reinforced concrete masonry unit walls, beams (lintels) and columns, open web steel joist and metal deck roof framing and pre-engineered light gage metal roof trusses. BillerReinhart reviewed structural drawings, specifications, and submittals, performed site visits to observe project construction, prepared summary reports documenting the work, and issue a Final Letter of Compliance to the owner, contractor, architect, structural engineer of record and building code official having jurisdiction over the project.

BillerReinhart also performed the structural design for the one-story building addition encompassing approximately 1200 square feet adjacent to an existing one-story classroom and gymnasium structure. Robert J. Reinhart, PE, of BillerReinhart is the structural engineer of record for the original building.\$500K



a.	(1) FIRM NAME Biller Reinhart Structural Group, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Structural Engineer
b.			
c.			
d.			
e.			

	G. KEY PERSONNEL P	ARTICIP	ATION I	N EXAM	PLE PR	OJECTS	5					
26. NAMES OF KEY PERSONNEL (From Section E,	27. ROLE IN THIS CONTRACT (From Section E,	27. ROLE IN THIS CONTRACT (From Section E, Block 13)										
Вюск 12)	BIOCK 13)	1	2	3	4	5	6	7	8	9	10	
Michael H. Biller, PE, RRC	Principal Engineer		х						x			
Robert J. Reinhart, PE	Principal Engineer	x	х	х	х	x	х	х	x	x	х	
Brian E. Walter, PE	Project Engineer	x	x	х	х	x	x			x	х	
Lee Levoir, PE	Structural Engineer				x				x			
Clayton L. Prescott, PE, SE, RRC	Structural Engineer								x			
Shane M. Maxemow, EI, LEED GA	D GA Structural Engineer					x		x			х	
Randy L. Cook, Jr.	Structural Technician		x	x	x	x	x	x	x	x	х	
Kraig A. Cook Structural Technician		х				x		х			х	
		_					•				P	
	29. EXA		ROJEC	TS KEY	1	1	1	1	1	1	1	
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1.								· ·		/		

NO	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1.	Ben T. Davis Beach Structure	6.	Canopies at Central Fleet Maintenance Design
2.	Tampa Convention Center Movable Partition Addition	7.	Krause Pumping Station Rehabilitation
3.	Old City Hall Elevator Renovation	8.	Park Trammell Building Restoration
4.	NFL Youth Education Center Addition Design	9.	Loretta Ingraham Community Center Threshold Inspection
5.	Fire Station # 11 Design	10.	NFL Youth Education Center Addition Threshold Inspection

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Qualifications of the Firm

Contact Information

Biller Reinhart Structural Group, Inc.

3434 Colwell Avenue, Suite 100 **Tampa**, Florida 33614 Phone: 813.908.7203 Fax: 813.931.5200 4700 Sheridan Street, Suite J Hollywood, Florida 33021 Phone: 954.351.9006 Fax: 954.351.9009

info@billerreinhart.com | marketing@billerreinhart.com | http://www.billerreinhart.com

Company Overview

Biller Reinhart Structural Group, Inc. is a structural engineering consulting firm based in Florida with offices in Tampa and now in Ft. Lauderdale. The firm provides services to many diverse clients and specializes in several key areas of structural engineering including the *design* of new structures, *restoration* and *renovation* of existing structures, *roof consulting, building studies, forensic evaluations* and *threshold inspections*. Key client market sectors that BillerReinhart serves include:

32	Commercial	32	Public	32	Religious
32	Healthcare Facilities	32	Hotels & Hospitality	32	Industrial & Manufacturing
32	Parking Structures	32	Water & Waste Water	32	Residential

BillerReinhart, a corporation p01000120410, was founded in 2001 (opened in 2002) by President and Principal Structural Engineer Michael H. Biller, P.E., and Vice President and Principal Structural Engineer Robert J. Reinhart, P.E. BillerReinhart's structural engineering capabilities are established from over 46 years of combined experience in various aspects of structural engineering of Mr. Biller and Mr. Reinhart. Both principals are registered in the State of Florida and are licensed Special Inspectors for threshold inspection services in the State of Florida.

Over the last decade, the company has grown to include a team of 6 engineers and 3 technical support staff with over *110 years* of combined experience in the field of structural engineering design, consultation, assessments and inspection on a wide variety of projects for public and private clients. BillerReinhart also utilizes the support of 2 administrative staff for a total of eleven (11) employees. BillerReinhart's Professional Engineers are licensed in multiple states including the State of Florida.

BillerReinhart currently provides structural engineering services to various municipal agencies, including but not limited to, the City of Homestead, the Broward Sheriff's Office, the City of Tampa, the City of Clearwater, the City of Largo, the City of Dunedin and the City of Sarasota under continuing (as-needed) contracts. BillerReinhart is also certified as a Small and Local Business Enterprise with the City of Tampa, Hillsborough County, the City of St. Petersburg, Hillsborough County Schools, the Port of Tampa and SFWMD.

BillerReinhart has provided structural engineering services for such clients as Verizon Wireless, Walgreens, 5/3 Bank, University of South Florida, Pinellas County Jail, Hillsborough County School Board, City of Tampa, Brandon Regional Hospital, University Community Hospital, Doubletree Hotels, Hilton Hotels, Steak 'n Shake, Cardinal Health, The Port of Tampa, and Tampa Bay Water.

Our Services

Design BillerReinhart designs new buildings, industrial structures, and equipment support structures utilizing structural steel, reinforced concrete, reinforced masonry, timber, and light gauge metals. Our wealth of experience in domestic and international projects includes the following:

- Educational facilities such as schools and university buildings
- Public facilities such as community centers and airport buildings
- Contract of the second second
- R Industrial facilities such as chemical plants, petroleum plants, fertilizer plants, pharmaceutical plants and food processing plants

BillerReinhart designs specialty structures such as the following:

- Equipment concealment structures
- Equipment foundations and supports
- Sign structures
- Canopy structures
- Recharge details for mechanical equipment and art installation
- Systems for moving existing equipment
- Shoring and bracing systems

BillerReinhart also provides consulting services for the following:

- Analysis of existing structures to verify their capacity to accommodate updated loading requirements and to support new mechanical equipment.
- 🕄 Value engineering; redesign services for the purpose of meeting client's project requirements while reducing project cost.

Restoration and Renovation Buildings and structures located in coastal areas are subject to long term deterioration due to the harsh environmental conditions adjacent to large bodies of salt water. Other means of deterioration include moisture intrusion, fire, insect activity, differential foundation settlement, and exposure to high wind loading. Impaired structural and waterproofing conditions can be restored to prolong a property's lifespan.

BillerReinhart designs the restoration of existing buildings. Representative projects include the following:

- Commercial and residential structure restoration
- Parking garage restoration
- Plaza deck restoration
- Building envelope consulting
- Roof consulting
- Exterior finish repair

Historic building / structure rehabilitation

Tasks for such projects include the following:

- Perform surveys of existing buildings, parking structures, and plaza decks to assess existing conditions.
- Prepare reports to document survey findings and repair recommendations.
- Coordinate with clients to develop a suitable project scope.
- Prepare drawings and specifications for contractor bidding, permitting, and construction.

BillerReinhart performs construction administration services during the project's construction phase. Such services include the following:

- Site visits to observe completed work.
- Product submittal review for materials to be utilized during construction.
- Review of contractor pay applications.

In summary, BillerReinhart provides structural consultation to the client from project inception to project completion. Renovations of existing structures are often necessary to meet the needs of building owners and tenants. Representative projects include the following:

- Relocation of structural building components due to modified space requirements.
- Strengthening of structural components to increase capacity necessitated by occupancy changes, upgraded mechanical equipment, and additional storage requirements.
- Recility upgrades.
- Building additions and expansions.
- Adaptive reuse.
- Storm hardening.

Our firm has applied our engineering expertise in projects for hotels, schools, community centers, university buildings, airport buildings, office buildings, warehouses, retail buildings, pharmaceutical plants, petroleum plants, and food processing plants.

Roof Consulting BillerReinhart's engineers and Registered Roof Consultants (RRC) provide extensive, unbiased expertise on roofing standards, regulations, applications, products and systems for roof design and analysis, restoration and repair, quality assurance and expert testimony.

Our Registered Roof Consultants (RRC) have experience in all facets of roof consultation, assessments and inspection and have qualified for this designation by meeting the requirements of a rigorous two-part program based on verifiable levels of successfully completing a challenging examination.

The RRC registration is administered by RCI from its international headquarters in Raleigh, NC and is rapidly gaining recognition throughout North America as a key element preferred by building owners, public and private, when retaining the services of a roof consultant.

BillerReinhart's roof consulting services include the following:

- Roof design
- Roof assessments
- Roof asset management

BillerReinhart's roof consultants perform such services throughout the state of Florida and nationwide to meet the needs of our clients.

Building Studies BillerReinhart performs studies for building owners, prospective building owners, owner representatives, and property managers. Our services include the following:

- Due diligence studies and reports
- Turnover and reserve studies
- Construction warranty studies
- Feasibility studies
- Quality assurance studies

BillerReinhart's engineers perform such services throughout the state of Florida and nationwide to meet the needs of our clients.

Threshold Inspection BillerReinhart performs threshold inspection services during the construction of buildings or parking garages classified as "threshold buildings" as per Florida Statutes Chapter 553.71. Threshold buildings are those that are more than three stories or 50 feet in height, or which have an assembly occupancy classification exceeding 5000 square feet in area and an occupant content of greater than 500 persons. Threshold inspection involves project site inspections during construction to ensure conformance to the project drawings, specifications, and the threshold inspection plan issued by the Structural Engineer of Record.

Both Mr. Biller and Mr. Reinhart are licensed Special Inspectors for threshold inspection services. Structural engineers must be licensed Special Inspectors (as per Florida Statutes Chapter 553.79) in the State of Florida to be qualified to perform such services.

Clients for such projects include architects, engineers, building owners, developers, and local government agencies (school boards, the State University System, local aviation authorities, cities, and counties).

Forensic Evaluations/Expert Witness Consulting BillerReinhart utilizes practical experience to provide forensic evaluations and serves as a consultant for legal issues involving buildings and other structures, including the following:

- Structural failures and collapse 꾻 R Building settlement related damage
- 32 Sinkhole losses 꾻 Storm/wind damage
- 옰 Damage due to Insect activity
- 옰 Fire damage
- 꾻
- Damage due to explosion 32 Damage due to vehicular impact
- 꾻 Damage resulting from construction defects
- 32 Damage due to water losses and moisture intrusion
- Damage due to fallen tree impact 32
- 꾻 Damage due to vandalism
- 32 Issues regarding professional liability

BillerReinhart performs such tasks as site assessments, report preparation, structural analysis, structural design, and expert testimony in depositions, mediations, appraisal hearings, and trials.

Emergency Response BillerReinhart has the ability to provide personnel with specialized training in response to emergencies. BillerReinhart will assist in the design of emergency structural stabilization and the monitoring of the impaired structure to prevent additional building movement and resulting damage. BillerReinhart understands that emergency situations present unique conditions that require prompt attention. BillerReinhart is committed to providing a rapid response and to delivering expedited services.

Representative conditions include the following:

- Fire Damage 꾻
- Building Collapse 옰
- Hurricane Damage 옰
- 옰 Vehicular Impact
- 옰 Fallen tree impact
- Construction / Design Related Failure 37

Our services include:

- Damage Assessment 32
- 콠 **Emergency Shoring Design**
- 32 Structural Analysis
- 32 Expert Witness Consulting

Client Testimonials

"BillerReinhart is a very dynamic, timely and responsive firm with the right structural expertise to meet many of our project needs at the City of They are among a select group of firms that the City trusts to deliver the varying structural services we require. Tampa. -James Jackson, AIA, City of Tampa

"We have been using BillerReinhart for several years and appreciate their efficiency and guality. We continue to use them because of their excellent performance on past projects. They are highly responsive, efficient and very good at coordinating the details of every project." -Judy Brown, Property Manager, Lakeview of Largo

"BillerReinhart is a highly professional and competent structural engineering firm. Their performance on my projects has been excellent. I appreciate their quick response and trust them to do the job right every time.' -Vance Tankersley, P.E., Pond Robinson & Associates, Inc.

"BillerReinhart's staff is reliable and easy to work with. We consider them our structural experts. They are reasonable, flexible and take the time required to accurately evaluate conditions in the field."

-John Mizak, P.E., Phoenix Engineering Group, Inc.

"My client and I worked with Mike Biller and his team from BillerReinhart on a restoration and storm rebuild project in Fort Lauderdale. During every step of the project, Mike made sure that the project was done correctly and efficiently as possible. Mike responded to all our requests in a professional and timely manner and I would not hesitate to work with him again in the future. Mike also stood by his work as an expert witness at trial, where he was clear and confident, and the jury reached a verdict in agreement with Mike's opinions."

-Elizabeth Reidy, Esq., Reed Smith LLP

State of Florida

Board of Professional Engineers Attests that Biller Reinhart Structural Group, Inc.

EBPE

is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes. Expiration: 2/28/2015 Audit No: 228201500391 Certificate of Authorization 9149





I certify from the records of this office that BILLER REINHART STRUCTURAL GROUP, INC. is a corporation organized under the laws of the State of Florida, filed on December 20, 2001.

The document number of this corporation is P01000120410.

I further certify that said corporation has paid all fees due this office through December 31, 2014, that its most recent annual report/uniform business report was filed on January 20, 2014, and its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Talkahassee, the Capital, this the Twentieth day of January, 2014



Ken Deton

Secretary of State

Authentication ID: CC2736550037

To authenticate this certificate, visit the following site, enter this ${\rm ID},$ and then follow the instructions displayed.

https://efile.sunbiz.org/certauthver.html

Qualifications of Project Team

Please see section (E) of SF330 for resumes of key personnel.

Michael H. Biller, PE, RRC; *President*, Principal Engineer Robert J. Reinhart, PE; *Vice President*, Principal Engineer Brian E. Walter, PE; Project Engineer Clayton L. Prescott, PE, SE, RRC; Structural Engineer Lee Levoir, PE; Structural Engineer Shane M. Maxemow, EI, LEED GA; Structural Engineer Randy L. Cook, Jr; Structural Technician Kraig A. Cook, Structural Technician



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2015
Audit No: 228201508688P.E. Lic. No: 50076
SI Lic. No: 1127

State of Florida

Board of Professional Engineers

Brian E. Walter

FBPF

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes P.E. Lic. No: 66538 Expiration: 2/28/2015 Special Inspector SI Lic. No: 7025734 Audit No: 228201531222







having given satisfactory evidence of necessary qualifications with regard to character, education, and experience as required by RCI, Inc. was examined - duly registered - awarded this certificate and is henceforth recognized as a



In testimony whereof Registration Number <u>0722</u> is issued under the seal of RCI and the signatures of the President and Secretary, this <u>15th</u> day of <u>March</u>, <u>2013</u>.

RCI, INC. 1500 Sunday Drive, Suite 204 Rateigh, NC 27607 (800) 828-1902 • www.rci-online.org





I. AUTHORIZED R The foregoing is a	EPRESENTATIVE statement of facts.	
31. SIGNATURE	32. DATE February 25, 2014	
33. NAME AND TITLE Robert J. Reinhart, PE, Vice President		

AUTHORIZED FOR LOCAL REPRODUCTION MANDATORY USE DATE OF FORM 6/2004

STANDARD FORM 330 (1/2004) PAGE 30

EXHIBIT 2 14-0933 Page 35 of 66

ARCH	ITECT-ENGINEER	QUALIFIC	ATIONS			1. SOLICITATION NUMBE RFQ # 946-11366	R (If any)	
	PART	II - GENER			IONS	fine pocking work)		
2a. FIRM (OR BRANCH OFFICE) Biller Reinhart Structur	(IT a TITM has branch office NAME al Group, Inc.	es, complete	for each sp	ecific dra		3. YEAR ESTABLISHED 2001	4. DUNS NUM 929	BER 615081
2b. STREET 4700 Sheridan Street, S	uite J					5. C	WNERSHIP	
C. CITY			2d. STATE	2e. ZIP COI 33021	DE	a. TYPE	rporation	
a. POINT OF CONTACT NAME						b. SMALL BUSINESS STA	ATUS	
b. TELEPHONE NUMBER	6c. E-MAI	L ADDRESS				7. NAME OF FIRM (If block	k 2a is a branch o	office).
954)351-9006	8a, FORMER FIRM NAME(S) (If any)	lart.com			8b. YR. ESTABLISHED	8c. DUNS NU	MBER
	-							
(NE		10.	PROFII AVEE	LE OF FIRM'S EXPE	L RIENCE AND R LAST 5 YE	O ANNUAL
I. Function Code	b. Discipline	c. No. of Em (1) FIRM	(2)	a. Profile Code		b. Experience		c. Revenue Index Numbe (see below)
57 Principal – Se	nior Structural Engineer	4	Divitori	C10	Comm	nercial Building (Low Rise rs	e); Shopping	2
57 Engineer		2		F05	Forens	sic Engineering		3
08 CADD Technie	cian	3		H10	Induct	trial Buldings		2
02 Administrative		2		001	Office	Buildings		1
				P08	Prison	S		1
				R06	Rehab	ilitation ural Design		2
				509 T02	Testin	g and Inspection Service	S	2
	Total	11						
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	4. \$500,000 5. \$1 million) to less than to less than	\$1 million \$2 million	1 1 1	9. \$25 million to less t 10. \$50 million or area	than \$50 mill iter	ion	
. Non-Federal Work								
Total Work	-							
		he foregoing is	D REPRESE a statement	OF facts.				
20		is syonig is	- oracomon				1.	
	J. peinhart						b. DATE 2/25/14	

Project Manager's Experience

Provide a comprehensive summary of the experience and qualifications of the individual(s) who will be selected to serve as the project managers for the City. Individual(s) must have a minimum of five (5) years' experience in required discipline and have served as project manager on similar projects on a minimum of three previous occasions.

Robert J. Reinhart, PE, SI

• 12 years with BillerReinhart; 24 total.

Rrian E. Walter, PE, SI

• 9 years with BillerReinhart; 11 total.

Please see attached resumes for a comprehensive summary of the experience and qualifications.



EDUCATION

Bachelor of Architectural Engineering The Pennsylvania State University, 1990

Master of Engineering The University of South Florida, 1996

REGISTRATIONS

Florida PE No. 50076 Mississippi PE No. 17609 Alabama PE No. 31120-E North Carolina PE No. 037591

Threshold Special Inspector: FL SI 1127 NCEES Council Record No. 14541 (National Council of Examiners for Engineering and Surveying)

ASSOCIATIONS

- American Concrete Institute Architectural Engineering Institute of the
- American Society of Civil Engineers
- International Concrete Repair Institute
- Penn State Alumni Association
- University of South Florida Alumni Association

PERSONAL INTERESTS

Bikram Yoga, Running, Swimming

COMMUNITY SERVICE

Walk for Lupus Now, Lupus Foundation of America Quantum Leap Farm, Odessa, Florida Robert Reinhart, PE has extensive experience in the fields of structural engineering and building envelope consulting. His expertise includes the following:

- Structural design of new buildings, industrial structures, and equipment support structures.
- Special/threshold inspection of new building construction and building restoration.
- Structural restoration of existing buildings, parking structures, plaza decks, industrial structures, and equipment support structures.
- Architectural engineering tasks including acoustics, lighting, and basic HVAC design.
- Reproved the set of th
- Assessment of existing buildings and parking structures for forensic investigations, due diligence studies, feasibility studies, turnover studies, emergency repairs, and for future project planning.
- **Expert testimony in depositions, trials, mediations, and appraisal hearings.**

Mr. Reinhart is a licensed professional engineer in several states.

SELECT PROJECT EXPERIENCE

Ben T Davis Beach Restroom Design; Tampa, Florida

Structural Engineer - performed structural design services for the structural elements of new elevated building for concessions, lifeguard station and restrooms at the Beach Park. The construction of the new building is comprised of the following: 14-inch square pre-stressed concrete piles, elevated reinforced concrete slab with integral beams, reinforced concrete masonry unit walls on the elevated slab, pre-engineered non-corrosive (i.e., stainless steel) metal plate connected pressure-treated timber trusses and marine-grade plywood decking for roof framing, self supporting reinforced concrete ramp and stairs with guardrails and hand rails.

Juniper Springs, Ocala National Forest, Florida

Principal in Charge/Project Manager - performed an above- and below-surface condition survey of the stone retaining wall surrounding the fresh water spring. BillerReinhart performed structural design and prepared construction documents (drawings and specifications) for the retaining wall stabilization program, including sheet piling, tie backs and mini-piles.

Salt Springs, Ocala National Forest, Florida

Principal in Charge/Project Manager - performed an above- and below-surface condition survey of the reinforced concrete retaining wall surrounding the fresh water spring. BillerReinhart performed structural design and prepared construction documents (drawings and specifications) for the concrete restoration of the retaining wall. BillerReinhart performed structural design and prepared construction documents (drawings and specifications) for a new a reinforced cast-in-place concrete retaining wall system to replace an existing timber piling system around portions of the spring.

Harborview Center Demolition, Clearwater, Florida

Principal in Charge/Project Manager - performed a structural analysis prior to a proposed demolition of the Harborview Center located in Clearwater, Florida. A portion of the facility is underground (basement area) and demolition of the facility affects adjacent roadways (Osceola Avenue on the east and Cleveland Street on the south). A demolition specification was prepared for contractor bid that includes recommended phasing and stabilization methods to minimize effects to the adjacent roadways. In particular, the basement wall along the east and south elevations of the facility needed to be addressed.

City of Tampa, Water Slide Structures, Tampa, Florida

Principal in Charge/Project Manager - performed site visits to five pool locations and visually evaluated the existing tube slide structures. General summary reports of findings with recommendations were prepared and an *Affidavit of Compliance and Nondestructive Testing* was completed for each pool slide for submission to the Florida Department of Agriculture and Consumer Services Bureau of Fair Rides.

City of Largo WWRF, Largo, Florida

Principal in Charge/Project Manager - performed a structural analysis to explore the structural building modifications required to strengthen the BioSolids and adjacent pump building (located at the above captioned address) to withstand a Category Three hurricane with sustained maximum winds of 130 mph per the Saffir-Simpson Hurricane Wind Scale. The BioSolids building is a pre-engineered metal building reportedly constructed circa 1976-1978.

Van Wezel Performing Arts Center, Sarasota, Florida

Principal in Charge/Project Manager - provided structural engineering design and renovation services for the removal of the existing hydraulic orchestra lift and replacement with electric lifting mechanisms. The new lifting mechanisms employ a coiled, flexible flat steel spring that expands with the insertion of a thin verticallyoriented spiral steel band. The result is a fully rigid column formed of continuous integrated I-shaped sections. Other structural elements required for the installation of the new lift system included shoring of the existing lift framing structure, mounting plates and concrete footings to support the new lifts, reinforcing of the existing guide system, and validation of the lift framing structure for imposed loadings.

Tampa Convention Center, Tampa, Florida

Principal in Charge/Project Manager - provided structural engineering design and renovation services for the installation of a new section of moveable partition panel walls on the exposition level. Modifications included additional structural steel to the roof framing to support the new panels, the demolition of existing concrete masonry walls, addition of new concrete masonry walls, removal of an existing roll-up door, relocation of existing steel stairs for roof access (at cooling tower), new door opening to access roof area (at cooling tower), rerouting of HVAC and water piping, and blocking up of existing openings.

Pinellas County Jail, Clearwater, Florida

Principal in Charge/Project Manager - designed the foundation system for the Pinellas County Jail Expansion Phase II project. This project was a value engineering effort on behalf of Pinellas County. The originally designed foundation system utilized auger cast piles. The new foundation system was designed utilizing the following: augured displacement piles, cast-in-place concrete pile caps, reinforced concrete grade beams, concrete elevator pit walls, and pile supported mat foundations. Based on a geotechnical investigation and pile installation reports regarding site conditions, calculations for the foundation system were performed for the pile layout and spacing, grade beam design, and elevator pit design based on the column load tables and drawings provided. BillerReinhart prepared construction documents (drawings and specifications) for the foundation system. BillerReinhart performed site visits and reviewed shop drawings and structural submittals during the project's construction phase.

Volusia County Prison, Daytona Beach, Florida

Principal in Charge/Project Manager - performed structural engineering analysis services for the installation of a reinforced concrete slab on grade for a tank bottom without inducing significant stresses into the existing tank foundation ring wall to replace a ruptured liner. BillerReinhart performed a site visit during the geotechnical investigation to visually observe the test pit excavations and obtain measurements of the existing tank foundation and pedestal.

University of Tampa Lacrosse Facility, Tampa, Florida

Principal Structural Engineer - performed Threshold Inspector duties as per Chapters 471 and 553 of the Florida Statutes for a new lacrosse facility. The new lacrosse facility is comprised of shallow foundations, concrete slab on grade, reinforced concrete masonry unit walls, and precast concrete elements with steel connection plate assemblies. BillerReinhart reviewed structural drawings, specifications, and submittals, performed site visits to observe project construction, prepared summary reports documenting the work, and issued a Final Letter of Compliance to the owner or owner's representative, enforcing agency, contractor, architect and structural engineer of record for the Certificate of Occupancy.

Leto High School Press Box, Tampa, Florida

Principal in Charge/Project Manager - performed structural design and prepared construction documents (drawings and specifications) for the new dugout structure

that includes a second story press box. The construction of the structure is comprised of the following: shallow cast-in-place concrete spread footings and floor slab on grade, reinforced concrete masonry walls, steel framed elevated floor deck and steel framed roof system. BillerReinhart reviewed shop drawings and submittals regarding structural work. BillerReinhart performed site visits during construction.

Glover School, Plant City, Florida

Principal in Charge/Project Manager - performed a condition survey of the discernible structure elements of this historical timber framed structure. The building is to be restored to its original condition for use as a community center. BillerReinhart generated a report to document our findings and recommend necessary repairs for the structure. A repair scope of work and schematic drawings were prepared for cost estimating by a contractor.

Southeastern University Dining Hall, Lakeland, Florida

Principal in Charge/Project Manager - performed Threshold Inspector duties as per Chapters 471 and 553 of the Florida Statutes for this dining facility. The structure consists of cast-in-place concrete foundations and floor slab on grade, reinforced concrete masonry walls, and steel framed roof. BillerReinhart reviewed structural drawings, specifications, and submittals, performed site visits to observe project construction, and prepared reports documenting the work to the building code official having jurisdiction over the project.

Hammond Elementary, Tampa, Florida

Principal in Charge/Project Manager - performed Threshold Inspector duties as per Chapters 471 and 553 of the Florida Statutes for three two-story classroom buildings. The structures consist of cast-in-place concrete foundations and floor slab on grade, reinforced concrete masonry walls, and steel framed elevated floors and roofs. BillerReinhart reviewed structural drawings, specifications, and submittals, performed site visits to observe project construction, and prepared reports documenting the work to the building code official having jurisdiction over the project.

Hyde Park Craft Center, Tampa, Florida

Principal in Charge/Project Manager - worked with the City of Tampa Department of Public Works personnel (architect and facilities personnel) for renovations and modifications to the existing structure and the design of new additions at the Hyde Park Craft Center. One addition is approximately 600 SF and will expand the pottery studio. The other addition for the Reception/Gallery area with a connection to the Metalwork Studio (currently a separate building) is approximately 400 SF.

Old City Hall, Tampa, Florida

Principal in Charge/Project Manager - performed a condition survey of discernible structure elements of the existing supports for the manually-operated elevator. BillerReinhart performed structural design and prepared construction documents (drawings and specifications) for modifications and structural strengthening of the elevator shaft to support the new elevator equipment.

Park Trammell Building, Tampa, Florida

Principal in Charge/Project Manager - prepared design drawings and specifications for the restoration of deteriorated post-tensioned reinforced concrete columns at the 9-story office building. BillerReinhart also performed construction administration services including conducting site visits during the restoration work to observe construction progress and submitting reports documenting the work to the client and building code official having jurisdiction.

New Port Richey Fire Station, New Port Richey, Florida

Principal in Charge/Project Manager - provided structural engineering design and renovation services for the fire station which was built in 1964 during a re-roofing project. The re-roofing project included removing and replacing the metal roof deck and strengthening the existing steel roof framing to meet the requirements of the current building code relating to structural capacity.

Port of Tampa, Tampa, Florida

Principal in Charge/Project Manager - performed structural design and prepared construction documents for equipment foundations, elevated structural steel equipment platforms and pipe supports for a fuel pipeline expansion.



EDUCATION

Bachelor of Science in Civil Engineering The University of South Florida, 2003

REGISTRATIONS

Florida PE No. 66538 Florida SI No. 7025734

YEARS EXPERIENCE

9 with BillerReinhart; 11 Total

ASSOCIATIONS

- Revican Institute of Steel Construction
- Remain Society of Civil Engineers
- International Concrete Repair Institute
- USF Alumni Association

PERSONAL INTERESTS

Cooking, Fishing, and Amateur Sports including Soccer, Football, Basketball, and Softball

Mr. Walter has extensive experience in the field of structural engineering design, consultation, assessments and inspection. He has gained a wealth of experience on a wide variety of projects for public and private clients. He is involved with planning, scheduling and estimating potential projects. He has prepared detailed layouts and designs for projects encompassing concrete, steel, masonry, and timber structures using both static and dynamic analysis. He has performed condition surveys and prepared design and construction plans and specifications for the renovation and restoration of existing structures. He has prepared drawings and specifications for client reviews, contractor bidding, permitting, construction, and record documentation.

Mr. Walter has performed structural engineering design for clients including architects, other engineering disciplines, contractors, building owners, developers, and public entities. He has supervised and checked final design calculations and drawings as well as provided construction and threshold inspections.

SELECT PROJECT EXPERIENCE

Ben T Davis Beach Restroom Design; Tampa, Florida

Structural Engineer - performed structural design services for the structural elements of new elevated building for concessions, lifeguard station and restrooms at the Beach Park. The construction of the new building is comprised of the following: 14-inch square pre-stressed concrete piles, elevated reinforced concrete slab with integral beams, reinforced concrete masonry unit walls on the elevated slab, pre-engineered non-corrosive (i.e., stainless steel) metal plate connected pressure-treated timber trusses and marine-grade plywood decking for roof framing, self supporting reinforced concrete ramp and stairs with guardrails and hand rails.

Manatee County Master Lift Stations, Manatee County, Florida

Structural Engineer - provided structural engineering services for Master Lift Stations 12A and 27A in Manatee County, Florida. The lift stations were upgraded to increase the efficiency of the systems. The upgrades included replacing eddy current motors with variable speed drives; replacing the existing centrifugal pumps with submersible dry pit pumps; modifying the buildings to accommodate bridge cranes in the drywell for pump removal; installing flow meters; replacing existing valves and piping; modifying the MCC lineup; and providing process and instrumentation diagrams.

City of Largo WWRF, Largo, Florida

Project Engineer - performed a structural analysis to explore the structural building modifications required to strengthen the BioSolids and adjacent pump building (located at the above captioned address) to withstand a Category Three hurricane with sustained maximum winds of 130 mph per the Saffir-Simpson Hurricane Wind Scale. The BioSolids building is a pre-engineered metal building reportedly constructed circa 1976-1978.

Old City Hall Elevator Shaft, Tampa, Florida

Project Engineer - performed a condition survey of discernible structure elements of the existing supports for the manually-operated elevator. BillerReinhart performed structural design and prepared construction documents (drawings and specifications) for modifications and structural strengthening of the elevator shaft to support the new elevator equipment.

Pier 60 Pavilion, Clearwater Beach, Florida

Project Engineer - performed a condition survey of the subject beach pavilion structure to document the corrosion of existing connectors and hardware and provide repair recommendations. The structure is constructed with precast concrete piles, concrete pile caps and grade beams, concrete columns and roof beams, and hip-set timber-framed roof structure with standing seam metal roof system. BillerReinhart reviewed available drawings of the Pier 60 Pavilion structure, performed a site visit to observe the existing condition of readily discernible structural framing elements of the pavilion structure, including connectors and hardware and prepared a report to document the findings of the visual assessment. The report included our recommendations for repair, as required.

Clearwater Marina, Clearwater Beach, Florida

Project Engineer - performed a feasibility study to verify that the structure of the second floor, of the Clearwater Marina Building, has the capacity to accommodate restaurant occupancy load per the current building code requirements and can support various equipment that will be used for the restaurant being proposed. The second floor is comprised of a concrete joist and beam system with a 2" concrete floor slab supported by rectangular concrete columns. BillerReinhart reviewed available drawings of the Clearwater Marina Building and any proposed plans of the new restaurant and equipment locations. BillerReinhart conducted a visual survey to verify the accuracy of available record drawings and to assess the existing condition of discernable structural elements of the building. BillerReinhart then performed structural calculations and non-destructive concrete testing to estimate the capacity of the second floor and provided an opinion regarding the ability of the second floor to accommodate the proposed new restaurant.

Harborview Center Demolition, Clearwater, Florida

Project Engineer - performed a structural analysis prior to a proposed demolition of the Harborview Center located in Clearwater, Florida. A portion of the facility is underground (basement area) and demolition of the facility affects adjacent roadways (Osceola Avenue on the east and Cleveland Street on the south). A demolition specification was prepared for contractor bid that includes recommended phasing and stabilization methods to minimize effects to the adjacent roadways. In particular, the basement wall along the east and south elevations of the facility needed to be addressed.

Forest Hills Elementary, Tampa, Florida

Structural Engineer - performed structural restoration services for the damaged brick veneer arched entry area at the subject school location. BillerReinhart performed site visits to Identify the severity of the structural concern and developed signed and sealed drawings for repair. BillerReinhart validated repair processes and compliance related to health life, and safety and serve as Construction Administrator as needed.

Highland Recreation Complex, Largo, Florida

Structural Engineer - performed annual site visits to the recreation complex to visually evaluate the existing slide structures. General summary reports of findings with recommendations were prepared and an *Affidavit of Compliance and Nondestructive Testing* was completed for each pool slide for submission to the Florida Department of Agriculture and Consumer Services Bureau of Fair Rides Inspection.

Clark Elementary School, Tampa, Florida

Structural Engineer - performed structural restoration services for two (2) exterior stair cases at the subject school location. BillerReinhart performed site visits to visually observe the existing condition of the subject stair structures and produced a Project Manual containing a scope of work for the project, technical specifications, required construction details, and estimated repair quantities for permitting and construction. BillerReinhart performed site visits to observe project construction as required, attended project related meetings, issued reports to document observations made during site visits, performed project correspondence, and reviewed product submittals as required.

Leto High School Press Box, Tampa, Florida

Structural Engineer - performed structural design and prepared construction documents (drawings and specifications) for the new dugout structure that includes a second story press box. The construction of the structure is comprised of the following: shallow cast-in-place concrete spread footings and floor slab on grade, reinforced concrete masonry walls, steel framed elevated floor deck and steel framed roof system. BillerReinhart reviewed shop drawings and submittals regarding structural work.

USF Southeast Chiller Plant, Tampa, Florida

Structural Engineer - performed structural design and prepared construction documents (drawings and specifications) for a chiller plant adjacent to the Sun Dome located on the University of South Florida campus. The plant consists of a 70'x120' concrete/CMU building with interior structural steel columns built into the beam adjacent to the "Corral" of the Sun Dome. The building roof framing consists of structural steel beams and girders. The new building houses the chillers and associated piping and mechanical equipment. The cooling towers are supported on

elevated structural steel platforms located on the new building's roof structure. Additionally, elevated service catwalks and platforms surround the roof level cooling towers. A screen wall approximately 30 feet above the building roof is constructed on top of the building.

USF Northwest Chiller Plant, Tampa, Florida

Structural Engineer - performed structural design and prepared construction documents (drawings and specifications) for a chiller plant expansion for the existing Northwest Chiller Plant on the University of South Florida campus. The expansion includes new double cell cooling towers elevated on structural steel frames and a chiller and associated pumps and piping. Structural design was provided for the equipment foundations, steel support frames and pipe supports. The new area is enclosed with a 32-foot high louvered paneled screen wall. Structural design was also provided for the deep foundation system and structural steel framing for the screen wall.

Hillsborough County Public Schools, Florida

Project Engineer - BillerReinhart Structural Group, Inc. has successfully provided structural engineering consulting for the School Board of Hillsborough County on small restoration/modification projects. Services included condition surveys, design of buildings, preparation of reports, and preparation of design and/or repair documents.

Multipurpose Trail Retaining Wall; Zephyrhills, Florida

Structural Engineer - performed structural design and prepared construction documents (drawings and specifications) for a retaining wall, approximately 70' long, for the construction of a multiuse hike/bike trail in Zephyrhills. On the east side of the wall is an existing parking lot and on the west side of the wall is going to be the trail. The parking lot remained in service during the construction of the wall. BillerReinhart attended project related meetings and performed site visits, performed calculations and provided construction documents, reviewed shop drawings and submittals and responded to contractor RFI's.

Loretta Ingraham Community Center, Tampa, Florida

Structural Engineer - performed Threshold Inspector duties as per Chapters 471 and 553 of the Florida Statutes for this community center. The structure consists of castin-place concrete foundations and floor slab on grade, reinforced concrete masonry walls, and steel framed roof areas. BillerReinhart reviewed structural drawings, specifications, and submittals, performed site visits to observe project construction, and prepared reports documenting the work to the building code official having jurisdiction over the project.

Andrews WMA Boardwalk/Suwanee River, Florida

Structural Engineer - performed structural design for the timber elements and foundations for a boardwalk structure.

Tampa Convention Center, Tampa, Florida

Project Engineer - provided structural engineering design and renovation services for the installation of a new section of moveable partition panel walls on the exposition level. Modifications included additional structural steel to the roof framing to support the new panels, the demolition of existing concrete masonry walls, addition of new concrete masonry walls, removal of an existing roll-up door, relocation of existing steel stairs for roof access (at cooling tower), new door opening to access roof area (at cooling tower), rerouting of HVAC and water piping, and blocking up of existing openings.

Van Wezel Performing Arts Center, Sarasota, Florida

Project Engineer - provided structural engineering design and renovation services for the removal of the existing hydraulic orchestra lift and replacement with electric lifting mechanisms. The new lifting mechanisms employ a coiled, flexible flat steel spring that expands with the insertion of a thin vertically-oriented spiral steel band. The result is a fully rigid column formed of continuous integrated I-shaped sections. Other structural elements required for the installation of the new lift system included shoring of the existing lift framing structure, mounting plates and concrete footings to support the new lifts, reinforcing of the existing guide system, and validation of the lift framing structure for imposed loadings.

Approach to Scope of Work

Biller Reinhart Structural Group, Inc. has been serving universities, municipalities, school boards and other agencies with professional structural services for over a decade. We are currently providing or have provided structural services for the following agencies:

- Roward Sheriff's Office

- City of Venice

- Broward Sherin's Onice
 City of Venice
 City of Homestead
 City of Sarasota
 Hillsborough County
 City of Tampa
 Hillsborough County Schools
 City of Clearwater
 City of Clearwater
 City of Lakeland
 City of St. Petersburg
 City of Largo
 City of North Port
 City of Tampa
 City of North Port
 City of Tampa
 City of Venice
 City of Punta Gorda
 Hillsborough County
 Hillsborough County Schools
 Leon County Schools
 Leon County Schools
 City of Lakeland
 Sarasota County Schools
 University of South Florida
 Southeastern University
 University of Tampa

The following is our general approach to providing analysis and technical services and inspection in the field of structural engineering:

Project Focus

BillerReinhart has an "individualized project" approach when it comes to our clients' needs. Our firm assigns an experienced Project Engineer/Senior Structural Engineer to focus on each project to oversee the day to day responsibilities and offer assistance to the client as needed.

BillerReinhart concentrates on performing structural engineering consulting for smaller projects with relatively short durations. The company typically only has one or two active large design or renovation projects at a time. All staff members of BillerReinhart will be available for City projects.

- Reach project has a dedicated Senior Structural Engineer to perform design and coordinate design as required to meet schedules.
- The designated Senior Structural Engineer will act as designer and project manager minimizing coordination and communication efforts.
- The Senior Structural Engineer will maintain involvement with the project through all phases, including construction.
- Reinhart is in the position to make a firm and positive commitment to performing the work according to scope and completing the tasks in a timely fashion.

BillerReinhart is driven by quality; therefore, all finalized work for each project is passed through quality assurance measures.

Quality Control

BillerReinhart utilizes quality control measures for structural design / renovation projects with tangible deliverables and construction observation / threshold inspection projects. Prior to releasing project documents for bidding, permitting and/or construction, a quality check is performed. The quality check is performed internally and/or independently.

Principal Review The internal quality check is performed by a principal. During the proposal phase of the project, a standard Scope of Services checklist is completed by the project manager. Once a project has been completed, the project manager assembles the structural design calculations and construction documents (drawings and specifications) for review by a principal. The principal will review the Scope of Services checklist to corroborate project tasks were completed in general accordance with the proposal. The principal review also includes the following: structural design calculations ("hand" calculations or structural design programs) have been performed accurately, design calculation results are accurately reflected on the drawings, drawing plans are coordinated with details and sections, and constructability of design intent.

Peer Review An independent engineering firm with structural capabilities may be employed to perform a quality check on project documents and sometimes design calculations. The peer review includes the following: drawing plans are coordinated with details and sections, drawing information is coordinated with structural technical specifications, constructability of design intent, design is in general compliance with current building codes, and perform "spot-checks" on a few typical structural elements (i.e. beam, column, foundation). A letter is usually prepared summarizing the plan review comments and any recommendations as deemed necessary. Any recommendations are then incorporated into the final project documents prior to issue.

Construction Observation / Threshold Inspection Standard forms and checklists are utilized when performing construction observations and threshold inspection. Various qualified staff members can perform these duties resulting in consistent construction observations and uniform reporting. Different checklists have been developed for a range of construction types, including the following: reinforced concrete elements, reinforced concrete masonry, steel, timber and cold-formed metal framing.

Project Scope of Work

BillerReinhart believes that establishing a well-defined project scope is critical for the success of the project. The steps include:

- Respond to client's needs in a timely manner
- Reform site visit at proposed project location
- Data collection at site visit; photographs, existing conditions, limitations
- Biscuss existing conditions with site personnel
- Review available documents; reports, drawings, specifications
- Establish need of other consultants if required
- Repare a proposal

Project Schedule

Once a scope of work has been defined, a project schedule can be established that will allow for proper project execution and to meet the client's needs. Issues to consider are as follows:

- Respond to client's needs in a timely manner
- Betermine when client needs the project to be complete
 - o Emergency
 - o Construction during breaks
 - o Construction during Summer
- Bevelop timeline of activities
 - o Condition Survey & Condition Survey Report
 - Preparation of Construction Documents
 - o Contractor Bid
 - Construction
 - o Commit to Deadlines

Project Budget

BillerReinhart also employs measures to manage project budgets.

- Develop phases as required to execute project in a timely manner
- Data from the condition survey is utilized to discern the extent of the project (renovation/restoration)
- Prepare Well-Defined Design Documents for Contactor Bid
 Comparative Bids & Minimize change orders
- Track Hours During Project Execution; weekly, monthly summaries
 - o Communicate scope changes

Equipment

BillerReinhart has an extensive array of resources available to facilitate the performance of various engineering services that may be assigned. BillerReinhart owns and utilizes an assortment of general surveying tools and equipment; including the *Flir i7 infrared camera, ZipLevel Pro-2000* (Gas Level), *Pro-Level Manometer* (Water Level), Extech Pinless Moisture/Humidity Meter Model MO295 and the *HP Design Jet 800 Plotter*.

BillerReinhart licenses advanced design and engineering software including *AutoCAD 2013* for drawings (compatible with the City's software as described in the SOQ) and *Surfer 8*, a contouring and 3D surface mapping program. Additional licensed software includes *RISA 2D*, *finite structure analysis software, NCMA Masonry Design Software, RAM BasePlate Design*, and *RAMSBeam*, for steel beam design.

BillerReinhart also utilizes a standard *Windows* operating system, *Microsoft Office* with *Word, Excel, Outlook, Publisher* and *PowerPoint,* and an office server with remote access. A tested, back-up system is in place in the event of a server malfunction or error. All email is hosted by a web service, *Elephant Outlook,* ensuring all email is secure and also accessible remotely. BillerReinhart's key personnel all have personal use of a mobile phone with internet access.

Workload

BillerReinhart concentrates on performing structural engineering consulting for smaller projects with relatively short durations. The company typically only has one or two active large design or renovation projects at a time. All staff members of BillerReinhart will be available for City projects.



References

References should be of projects with similar scope as listed in this RFQ. Information should include: Client Name, address, contact person telephone and FAX numbers and E-mail addresses; Description of work; Year the project was completed; Total cost of the construction, estimated and actual. Please do not include City of Fort Lauderdale work or employees as references.

- Fire Station #11 Design, City of Tampa
- Ben T. Davis Beach Structure Design, City of Tampa
- Krause Pump Station Rehabilitation, City of Tampa
- Representation Center Threshold Inspection, City of Tampa
- Englebert Complex Roof Structure Analysis, City of Dunedin
- City Hall Fountain Design, City of Sarasota
- Real Marina Floor Capacity Analysis, City of Clearwater
- Sherwood Yard Street Sweeper Facility Design, City of Clearwater
- Retaining Wall Design, City of Zephyrhills
- Highland Recreation Complex Waterslide Inspections, City of Largo

Please see attached detailed project references.

Fire Station Building

EST. CONSTRUCTION COSTS \$350,000

COMPLETION DATE 2013

CLIENT

City of Tampa Contract Administration Department Planning and Designing Division 306 East Jackson Street, 4N Tampa, Florida 33602 *Mr. James E.Jackson, A.I.A.* 813.274.8456 *James.Jackson@tampagov.net*

OWNER

Fire Station #11 Tampa, Florida

PROJECT DESCRIPTION

Biller Reinhart Structural Group, Inc. performed structural design services for the structural elements of a new fire station building. The new building is comprised of shallow spread concrete footings and concrete slab on structural fill, reinforced concrete masonry unit walls and concrete frame (beams and columns) and re-engineered metal plated connected timber trusses and plywood decking for roof framing. The CMU walls along the east and west elevations of the building will be retaining earth/structural fill and supporting sidewalks. A covered area housing a generator and other equipment is to be constructed at the southeast corner of the building.

BillerReinhart performed calculations as required for the design of the fire station building and prepared construction documents (drawings and specifications) for the structural elements of the fire station building. BillerReinhart provided technical assistance during the bid phase of the project and provided Construction Administration Services including correspondence for permit review and during construction, review of submittals and shop drawings regarding structural work, performed site visits to observe project construction and attend project related meetings and perform a final walk through at the substantial completion of construction.



Concessions, Lifeguard Station and Restroom Building

EST. CONSTRUCTION COSTS \$500,000

COMPLETION DATE 2013

CLIENT

City of Tampa Contract Administration Department Planning and Designing Division 306 East Jackson Street, 4N Tampa, Florida 33602 *Mr. Kevin L. Henika, A.I.A.* 813.274.5678 *Kevin.Henika*@tampagov.net

OWNER

Ben T Davis Beach Restroom 7740 W Courtney Campbell Causeway Tampa, Florida





PROJECT DESCRIPTION

Biller Reinhart Structural Group, Inc. performed structural design services for the structural elements of new elevated building for concessions, lifeguard station and restrooms at the Beach Park. The construction of the new building is comprised of the following: 14-inch square pre-stressed concrete piles, elevated reinforced concrete slab with integral beams, reinforced concrete masonry unit walls on the elevated slab, pre-engineered noncorrosive (i.e., stainless steel) metal plate connected pressure-treated timber trusses and marine-grade plywood decking for roof framing, self supporting reinforced concrete ramp and stairs with guardrails and hand rails. BillerReinhart reviewed the Piling Analysis and Addendum and performed calculations for the design of the subject building including stair and ramp elements and prepared construction documents (drawings and specifications) for the structural elements of the subject building. BillerReinhart also provided technical assistance during the bid phase of the project and Construction Administration Services including correspondence for permit review and during construction, reviewed submittals and shop drawings regarding structural work, performed site visits to observe project construction and/or attend project related meetings and performed a final site visit / walk through at substantial completion of construction.



Pump Station

EST. CONSTRUCTION COSTS \$1.5M

COMPLETION DATE 2014

CLIENT

City of Tampa Wastewater Department 306 E Jackson Street, 6N Tampa, Florida 33602 *Ms. Cassidy L. Barrett, Project Engineer* 813-274-8890 <u>Cassidy.Barrett@tampagov.net</u>

OWNER

Krause Pumping Station 225 S Ashley Street Tampa, Florida

PROJECT DESCRIPTION

Biller Reinhart Structural Group, Inc. will perform structural design and consultation services for the rehabilitation of Krause Pumping Station in downtown Tampa. The upgrade will provide station capacity to meet peak wet weather flows and the daily flow requirements. The structural rehabilitation will include relocating and replacing equipment, various pump, platform and foundation designs, hoist system design to transport equipment in and out of the building and reconfiguring and raising the roof structure for the installation of new equipment while maintaining building aesthetics of the 1951 facility. BillerReinhart is currently in the design development phase of the project.

BillerReinhart reviewed available as-built/record construction documents of the building and other reports and documents regarding the building and various proposed equipment data sheets and/or shop drawings as necessary for loads/weights, anchorage and support requirements to design associated structural supports and foundations. BillerReinhart will perform calculations for the structural design for the pump station rehabilitation and prepare construction documents (drawings and specifications) for the structural elements. BillerReinhart will also provide technical assistance during the bid phase of the project and provide Construction Administration Services including correspondence for permit review and during construction, review submittals and shop drawings regarding structural work, perform site visits to observe project construction and attend project related meetings, prepare site observations report for each site visit and perform a final site visit at substantial completion of construction.



One-Story Addition; 1200 Square Feet

EST. CONSTRUCTION COSTS \$500,000

COMPLETION DATE 2013

CLIENT

City of Tampa Dept. of Public Works 306 East Jackson Street, 4N Tampa, Florida 33603 *James Jackson, AIA* 813.274.5677 *James.Jackson@tampagov.net*

OWNER

NFL Youth Education Town Center 3400 E Lake Avenue Tampa, Florida

PROJECT DESCRIPTION

Biller Reinhart Structural Group, Inc. performed Threshold Inspector duties as per Chapters 471 and 553 of the Florida Statutes for the one-story addition. The building addition is comprised of Shallow spread concrete footings and concrete slab on grade, reinforced concrete masonry unit walls, beams (lintels) and columns, open web steel joist and metal deck roof framing and pre-engineered light gage metal roof trusses. BillerReinhart reviewed structural drawings, specifications, and submittals, performed site visits to observe project construction, prepared summary reports documenting the work, and issue a Final Letter of Compliance to the owner, contractor, architect, structural engineer of record and building code official having jurisdiction over the project.

BillerReinhart also performed the structural design for the one-story building addition encompassing approximately 1200 square feet adjacent to an existing one-story classroom and gymnasium structure. Robert J. Reinhart, PE, of BillerReinhart is the structural engineer of record for the original building.



Existing roof structure

EST. CONSTRUCTION COSTS Not Applicable

COMPLETION DATE 2012

CLIENT

City of Dunedin 1405 County Road #1 Dunedin, FL 34698 Keith J. Fogarty 727-298-3232 kfogarty@dunedinfl.net

OWNER

City of Dunedin

PROJECT DESCRIPTION

Biller Reinhart Structural Group, Inc. provided structural engineering analysis for the re-roof project of the subject City building. The roof framing system was analyzed to estimate its structural capacity for the installation of a new metal roof system. A site visit was conducted to observe the readily discernible structural elements of the existing roof structure (emphasis on roof purlins) that would primarily support the existing roof system and the additional roof system proposed to be installed. Information was gathered during the site visit and utilized to perform a limited gravity load analysis of subject Z-Purlins with the additional dead load expected from the new proposed roof system. During the site visit, general dimensions were obtained as well as approximate sectional properties of the Z-Purlins. Based on the results of the analysis, the existing roof structure capacity will be sufficient in supporting the additional gravity load imposed by the new roof system.

BillerReinhart reviewed available drawings for the subject roof structure and roof system, performed calculations and provided a letter outlining the results of our analysis, including our opinion of whether the additional superimposed dead load from installation of the new roof system can be safely supported by the existing roof structure.



City Hall Lobby Fountain

EST. CONSTRUCTION COSTS \$100,000

COMPLETION DATE 2009

CLIENT

City of Sarasota 1565 First Street Sarasota, Florida 34236 *Mr. Eric Patro* 941.720.0047 *eric.patro*@sarasotagov.com

OWNER

City of Sarasota 1565 First Street Sarasota, Florida 34236





PROJECT DESCRIPTION

BillerReinhart Structural Group, Inc. performed structural design and prepared construction documents (drawings and specifications) for the stainless steel structure supporting granite slabs of an interior laminar sheet flow fountain. BillerReinhart coordinated closely with the fabricator during the drawing preparation process and assembly installation. BillerReinhart performed site visits during the structure installation to view steel components and verify compliance with design documents.



Second Floor of 2-Story Marina Building

CONSTRUCTION COSTS

Not Applicable

COMPLETION DATE 2011

CLIENT

City of Clearwater Engineering Department 100 South Myrtle Avenue #220 Clearwater, Florida 33755 *Mr. D. Scott Rice, P.E.* 727.562.4737 scott.rice@myclearwater.com

OWNER

Clearwater Marina 25 Causeway Blvd Clearwater, Florida 33767

*Analysis; no construction costs

PROJECT DESCRIPTION

BillerReinhart Structural Group, Inc. performed a feasibility study to verify that the structure of the second floor, of the Clearwater Marina Building, has the capacity to accommodate restaurant occupancy load per the current building code requirements and can support various equipment that will be used for the restaurant being proposed. The second floor is comprised of a concrete joist and beam system with a 2" concrete floor slab supported by rectangular concrete columns. BillerReinhart reviewed available drawings of the Clearwater Marina Building and any proposed plans of the new restaurant and equipment locations. BillerReinhart conducted a visual survey to verify the accuracy of available record drawings and to assess the existing condition of discernable structural elements of the building. BillerReinhart then performed structural calculations and non-destructive concrete testing to estimate the capacity of the second floor and provided an opinion regarding the ability of the second floor to accommodate the proposed new restaurant.



Street Sweeping Facility

EST. CONSTRUCTION COSTS Pending

COMPLETION DATE 2014

CLIENT

City of Clearwater Engineering Department 100 South Myrtle Avenue #220 Clearwater, Florida 33755 *Mr. D. Scott Rice, P.E.* 727.562.4737 scott.rice@myclearwater.com

OWNER

City of Clearwater

PROJECT DESCRIPTION

Biller Reinhart Structural Group, Inc. is performing structural consultation services for the design of a street sweeper dump facility located off of North Acturas Avenue adjacent to the east side of the Clearwater Air Park. The facility is to include a vacuum and street sweeping dump location, a screening location, and a drive-thru wash out station. The super-structure is to consist of steel framing (pre-engineered metal building).

BillerReinhart prepared a performance specification and drawings with general dimensions for the pre-engineered metal building system and developed wind loading requirements for the pre-engineered metal building for the design/cost of the superstructure by a pre-engineered metal building manufacturer. BillerReinhart then assisted the City of Clearwater to solicit bids for the pre-engineered metal building.

A geotechnical evaluation was necessary to determine the presence of subsurface anomalies, detrimental soil conditions, and allowable soil bearing capacities if a shallow foundation system is to be utilized.

Based on the findings and recommendations of the geotechnical evaluation the foundation system was designed. BillerReinhart performed calculations for the structural design of the pre-engineered metal building foundation and for the design of the curbing, trenches and other minor elements with respect to the building foundation and floor system. BillerReinhart prepared construction documents (drawings and specifications) for the structural elements of the building foundation. BillerReinhart provided technical assistance during the bid phase of the project and provided Construction Administration Services including correspondence for permit review and during construction.

Approximately 70' Long Retaining Wall

EST. CONSTRUCTION COSTS \$30,000

COMPLETION DATE 2012

CLIENT

The Ash Group, Inc. 4902 Eisenhower Boulevard, Ste. 380 Tampa, Florida 33634 *Mr. Rich Piccininni, P.E.* 813.290.8899 *rpiccininni*@ash-grp.com

OWNER

City of Zephyrhills





PROJECT DESCRIPTION

Biller Reinhart Structural Group, Inc. performed structural design and prepared construction documents (drawings and specifications) for a retaining wall, approximately 70' long, for the construction of a multiuse hike/bike trail in Zephyrhills. On the east side of the wall is an existing parking lot and on the west side of the wall is going to be the trail. The parking lot remained in service during the construction of the wall. BillerReinhart attended project related meetings and performed site visits, performed calculations and provided construction documents, reviewed shop drawings and submittals and responded to contractor RFI's.



Pool Slide Certifications

CONSTRUCTION COSTS

Not Applicable

COMPLETION DATE 2013

CLIENT

Highland Recreation Complex 400 Highland Ave NE Largo, FL 33770 *Mr. Mark N. Abdo* 727.518.3128 *mabdo*@largo.com

OWNER

City of Largo 201 Highland Avenue P.O. Box 296 Largo, Florida 33779-0296

PROJECT DESCRIPTION

BillerReinhart Structural Group, Inc. performed annual site visits to the recreation complex to visually evaluate the existing slide structures. General summary reports of findings with recommendations were prepared and an *Affidavit of Compliance and Nondestructive Testing* was completed for each pool slide for submission to the Florida Department of Agriculture and Consumer Services Bureau of Fair Rides Inspection.





Minority/Women (M/WBE) Participation

If your firm is a certified minority business enterprise as defined by the Florida Small and Minority Business Assistance Act of 1985, include your certification. If your firm is not a certified M/WBE, describe your company's previous efforts, as well as planned efforts for this project in meeting M/WBE procurement goals under Florida Statutes 287.09451.

Biller Reinhart Structural Group, Inc. is not a certified minority or women owned business enterprise. However, BillerReinhart meets the size requirements to self-certify with the Small Business Administration and is also a Small Business Enterprise registered with a number of municipal agencies throughout the State of Florida including the City of Tampa, Hillsborough County and SFWMD.

Additionally, BillerReinhart is dedicated to the utilization, encouragement and advancement of disadvantaged business enterprises and is committed to make every effort to provide subcontracting opportunities to M/WBE certified businesses.

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local BUSINESS preference classification as indicated herein, and further certifies and agrees that it will re-affirm it's local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

(1)	Business Name	is a Class A Business as defined in City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the City of Fort Lauderdale current year Business Tax Receipt <u>and</u> a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.
(2)	Business Name	is a Class B Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Business Tax Receipt <u>or</u> a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.
(3)	Biller Reinhart Structural Group, Inc. Business Name	is a Class C Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.
(4)	Business Name	requests a Conditional Class A classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
(5)	Business Name	requests a Conditional Class B classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
(6)	Business Name	is considered a Class D Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. and does not qualify for Local Preference consideration.
BIDDE AUTH	COMPANY: <u>Biller Reinhart Stru</u>	Ictural Group, Inc. J. Reinhart, PE, Vice President 2/25/14 NAME SIGNATURE DATE
Browa	ard County Business Tax Receipt at	itached.

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							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	1,000,000
Α			680-8783L610-COF-13	3	/1/2013	3/1/2014	MED EXP (Any one person)	\$	10,000
							PERSONAL & ADV INJURY	\$	2,000,000
							GENERAL AGGREGATE	\$	4,000,000
		GEN'L AGGREGATE LIMIT APPLIES PER:					PRODUCTS - COMP/OP AGG	\$	4,000,000
							COMBINED SINGLE LIMIT (Ea accident)	\$	1,000,000
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SAMPLE CERTIFICATE			DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES						
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14-0933 Page 62 of 66

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THIS	CERTIFICATE	IS	ISSL

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 05/31/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.							
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the the terms and conditions of the policy, certain policies may require an e certificate holder in lieu of such endorsement(s).	policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to adorsement. A statement on this certificate does not confer rights to the						
PRODUCER	CONTACT						
Marsh USA, Inc.	PHONE FAX						
3031 N. Rocky Point Drive West, Suite 700 Tampa FL 33607	(A/C, No, Ext): [A/C, No):						
(anapa, r E 6000)	ADDRESS:						
	INSURER(S) AFFORDING COVERAGE NAIC #						
342881-FL-WC-13-14 5061	INSURER A : Illinois National Insurance Company 23817						
INSURED	INSURER B :						
PO Box 33024	INSURER C :						
St. Petersburg, FL 33733-8024	INSURER D :						
	INSURER E :						
COVERAGES CERTIFICATE NUMBER							
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HA INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORD EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE	VE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS ED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, BEEN REDUCED BY PAID CLAIMS.						
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DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks	Schedule, if more space is required) Group Loc						
CERTIFICATE HOLDER	CANCELLATION						
BillerReinhart Structural Group, Inc. 3434 Colwell Avenue Suite 100 Tampa, FL 33614	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.						
	AUTHORIZED REPRESENTATIVE of Marsh USA Inc.						
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Joint Ventures

Any firm(s) involved in a joint venture in its Proposal will be evaluated individually, as each firm of the joint venture would have to stand on its own merits.

Not Applicable; **Biller Reinhart Structural Group, Inc.** is not involved in a joint venture for the submittal of this proposal.

Sub-Consultants

Consultant must clearly reflect in its Proposal any Sub-consultants proposed to be utilized along with a summary of their background and qualifications. SEE SECTION II ITEM 1.9. The City retains the right to accept or reject any Sub-consultants proposed.

Not Applicable; **Biller Reinhart Structural Group, Inc.** will perform all Structural Engineering Services per this agreement in-house without the use of subconsultants.

BillerReinhart has relationships with a variety of disciplines and has the ability to make recommendations and produce qualifications and references should a need arise outside of the structural engineering scope, per City requirements.

NON-COLLUSION STATEMENT:

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

NAME	RELATIONSHIPS

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

No such relationships exist. This offer is made independently and free from collusion.