



Statement of Qualifications

RFQ # 4421 -14-RD

Continuing Contract for Structural Engineering Services (PW 14-009)

City of Hollywood, Florida



Biller Reinhart Structural Group, Inc. 4700 Sheridan Street, Suite J Hollywood, Florida 33021 954.351.9006, bwalter@billerreinhart.com Brian E. Walter, PE Principal Structural Engineer

May 30, 2014 @ 3:00 PM City of Hollywood 2600 Hollywood Boulevard Hollywood, Florida 33020 Office of City Clerk, Room 221

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 www.billerreinhart.com RFQ-4421-14-RD CITY OF HOLLYWOOD, FLORIDA Submit Proposals To: City of Hollywood 2600 Hollywood Boulevard Hollywood, Florida 33020 Office of City Clerk, Room 221 RFQ Title: Continuing Contract for Structural Proposals must be received prior to 3:00 P.M. May 30, 2014

RFQ Title: Continuing Contract for Structural Engineering Services (PW 14-009) RFQ No.: 4421-14-RD Service Required: as above	Proposals must be received prior to 3:00 P.M. May 30, 2014 and may not be withdrawn within 90 calendar days after such date and time. Proposals received by the date and time specified will be opened in Room 303. All Proposals received after the specified date and time will be returned unopened.	
z	Procurement Services Contact: Ralph Dierks, or Linda Silvey, or Joel Wasserman or his designee Telephone No.: (954) 921-3223 or (954) 921-3200 or (954) 921-3290	

PROPOSER ACKNOWLEDGMENT

THIS FORM MUST BE COMPLETED AND SUBMITTED PRIOR TO THE DATE AND THE TIME OF PROPOSAL OPENING. THE PROPOSAL SUMMARY SHEET PAGES ON WHICH THE PROPOSER ACTUALLY SUBMITS A PROPOSAL AND ANY PAGES UPON WHICH INFORMATION IS REQUIRED MUST BE COMPLETED AND ATTACHED WITH THE PROPOSAL.

Proposer's Name:Biller Reinhart Structural Group, Inc.	Fed. ID No. or SS Number 22 3851104		
Complete Mailing	Telephone No.: 954.351.9006		
Address: 4700 Sheridan Street, Suite J Hollywood, Florida 33021	Fax No.:954.351.9009		
Do You Have a Permanent Office Located in the City of Hollywood?	E-Mail Address:		
Yes 🗵 No 🗋 🖗	bwalter@billerreinhart.com		
Indicate type of organization below:			
Corporation 🗴 Partnership 🗌 Individual 🛄 Other			

ATTENTION: FAILURE TO SIGN (<u>PREFERABLY IN BLUE INK</u>) OR COMPLETE ALL RFP SUBMITTAL FORMS AND FAILURE TO SUBMIT ALL PAGES OF THE RFP DOCUMENT AND ANY ADDENDUMS ISSUED MAY RENDER YOUR RFP NON-RESPONSIVE.

THE PROPOSER CERTIFIES THAT THIS PROPOSAL IS BASED UPON ALL CONDITIONS AS LISTED IN THE PROPOSAL DOCUMENTS AND THAT HE/SHE HAS MADE NO CHANGES IN THE PROPOSAL DOCUMENT AS RECEIVED. HE FURTHER PROPOSES AND AGREES, IF HIS/HER PROPOSAL IS ACCEPTED, HE/SHE WILL EXECUTE AN APPROPRIATE AGREEMENT FOR THE PURPOSE OF ESTABLISHING A FORMAL CONTRACTUAL RELATIONSHIP BETWEEN HIM/HER AND THE CITY OF HOLLYWOOD, FLORIDA, FOR THE PERFORMANCE OF ALL REQUIREMENTS TO WHICH THIS PROPOSAL PERTAINS.

Principal Structural Engineer
Title

Authorized Signature



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NOTICE TO PROPOSERS

NOTICE IS HEREBY GIVEN, that the City Commission of the City of Hollywood, Florida is advertising for Sealed Request for Qualifications, which will be received by the City Clerk of the City of Hollywood, Florida until **3:00 P.M., May 30, 2014**, at which time they will be opened and publicly read in the Procurement Services Division, Room 303, City Hall, 2600 Hollywood Boulevard, Hollywood, Florida. FOR: Continuing Contract for Structural Engineering Services (PW 14-009)

RFQ NO. 4421-14-RD ADDENDUM NO. 1

Please make the following changes (additions, deletions or corrections) in the above named RFQ.

Questions submitted in regards to the above RFP and corresponding answers:

Q1: We have the following questions/clarifications in regards to the RFQ referenced above: Page 5 – 2nd bullet: "Perform all field tests, laboratory test and collect....
 <u>Question:</u> what type of testing? Load tests, test pits, magnetic scanning, etc. OR Geotechnical studies

A1: CLARIFICATION:

Any testing to be done would be determined on a project by project basis. If any required testing cannot be done by the Structural Consultant then the City would order the testing directly from other Testing Services".

- Q2: Page 11 Top of page states "Eight (8) Copies..." however the Page 16 checklist states 1 Original and 10 copies Please clarify.
- A2: Page 16 is correct: please submit one (1) original and ten (10) copies of entire proposal with addendums.

All other specifications, terms & conditions remain the same.

MAILED RFQ'S

If you have already submitted your printed Request for Qualifications, it will be retained in the City Clerk's Office until the Proposal opening time and date. If you wish to pick up your RFQ that has already been submitted, you can do so by showing proper identification, in the Office of the City Clerk, 2600 Hollywood Blvd, Room 221, Hollywood, Florida 33020.

Please sign and return with your RFQ.

COMPANY NAME: Biller Reinhart Structural Group, Inc. Brian E. Walter, PE, Principal Structural Engineer

PROPOSER'S SIGNATURE

Dated this 20th day of May 2014



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May 30, 2014

City of Hollywood Office of the City Clerk 2600 Hollywood Blvd., Room #220 Hollywood, Florida 33020

SUBJECT: Letter of Transmittal RFQ # 4421 -14-RD; Continuing Contract for Structural Engineering Services (PW 14-009) City of Hollywood, Florida

Dear Selection Committee,

Biller Reinhart Structural Group, Inc. appreciates the opportunity to submit this letter of transmittal to provide *Structural Engineering Services* to the *City of Hollywood* under a contract for a term of three (3) years with the option to renew for two (2) additional one (1) year periods. BillerReinhart understands that the City of Hollywood is seeking to engage the services and enter into a continuing contract with up to three (3) qualified engineering firms to provide structural engineering design services on an as needed basis for miscellaneous City projects as authorized by individual Consultants Authorization to Proceed for individual projects. BillerReinhart also understands that the cumulative amount of fees paid for services provided by each engineering firm under each continuing contract should not exceed \$1,000,000.

BillerReinhart is familiar with the unique needs and requirements of City projects having provided structural engineering services and threshold inspection services to various municipalities throughout Florida. BillerReinhart is currently under contract to provide structural engineering services to *the City of Homestead, the Broward Sheriff's Office, t 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. We meet the requirements of Broward CBE and are in the process of obtaining our CBE certification from Broward County.

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, Hollywood/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. 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 engineers also perform engineering and special inspection services for threshold buildings and have an extensive amount of forensic and expert experience with structures involving sinkhole damage, wind damage, collapse, insect damage, fire damage, flood damage and structural failure.

A corporation organized under the laws of the State of Florida, BillerReinhart, 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.* 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 with over 130 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.

Proposed Team:

Robert J. Reinhart, PE, Vice President. Tampa, Florida. 813.505.6188 Brian E. Walter, PE, Principal Structural Engineer. Tampa, Florida. 813.468.5994 Clayton L. Prescott, PE, Structural Engineer. St. Petersburg, Florida. 813.990.9290 Kraig A. Cook, Structural Technician. Lake Worth, Florida. 813.505.1484

We would greatly appreciate the opportunity to provide our services to the *City of Hollywood* and have the ability to provide a firm and positive commitment to perform the work requested under the scope of this contract as detailed above. 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

Brian É. Walter, PE 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 Email: bwalter@billerreinhart.com

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATON (City and State)

Continuing Contract for Structural Engineering Services (PW 14-009) – City of Hollywood, Florida

2. PUBLIC NOTICE DATE 5/30/2014

3. SOLICITATION OR PROJECT NUMBER RFQ # 4421 -14-RD

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Brian E. Walter, PE; Principal Structural Engineer

5. NAME OF FIRM

Biller Reinhart Structural Group, Inc.

6. TELEPHONE NUMBER 7. FAX NUMBER 8. E-MAIL ADDRESS (954)351-9006 (954)351-9009 bwalter@billerreinhart.com			illerreinhart.com						
	C. PROPOSED TEAM (Complete this section for the prime contractor and all key subcontractors.)								
-		(Check)			te uns section for the prin		sor and an key subcon	nractors.,	
	PRIME	Ŋ-ſ	SUBCON- TRACTOR	9. FIRM NAME			10. ADDRESS		11. ROLE IN THIS CONTRACT
	~			Biller Rein	hart Structural Group	4700 S Hollyw	heridan Street, Suite ood, Florida 33021	J	Structural Engineering
a.				СНЕСК ІГ	BRANCH OFFICE				
b.									
					BRANCH OFFICE				
C.				Снеск іг	BRANCH OFFICE				
d.				Снеск іг	BRANCH OFFICE				
e.				Снеск іг	BRANCH OFFICE				
f.				Снеск іг	BRANCH OFFICE				

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)



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

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 Robert J. Reinhart, PE **Principal Engineer** a TOTAL b. WITH CURRENT FIRM 24 12 15. FIRM NAME AND LOCATION (City and State) Biller Reinhart Structural Group, Inc. 16. EDUCATION (DEGREE AND SPECIALIZATION) 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Bachelor of Architectural Engineering Penn State, 1990 Florida Professional engineer 50076; Florida Threshold Special Inspector 1127; Master of Engineering USF, 1996 NCEES Council Record No. 14541 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) 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 19. RELEVANT PROJECTS (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED Krause Pumping Station Rehabilitation PROFESSIONAL SERVICES CONSTRUCTION (if applicable) Tampa, Florida 2013 ongoing (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm BillerReinhart performed structural design and consultation services for the rehabilitation of Krause Pumping Station in downtown Tampa. а 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. Project Role: Principal Engineer (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED Fire Station #11 CONSTRUCTION (if applicable) PROFESSIONAL SERVICES Tampa, Florida 2013 ongoing (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm BillerReinhart performed structural design services for the structural elements of a new fire station building. The new building is comprised of b. 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. Project Role: Principal Engineer (1) TITLE AND LOCATION (City and State) NFL Youth Education Center Addition (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (if applicable) Tampa, Florida 2012 ongoing (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm BillerReinhart performed structural design for a one-story building addition encompassing approximately 1200 square feet adjacent to an C. 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 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. Project Role: Principal Engineer (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED NFL Youth Education Center Threshold Inspection CONSTRUCTION (if applicable) PROFESSIONAL SERVICES Tampa, Florida 2013 ongoing (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm BillerReinhart performed Threshold Inspector duties as per Chapters 471 and 553 of the Florida Statutes for the one-story addition. d. 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. Project Role: Principal Engineer/Threshold Inspector (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED Waterslide Structure Inspection CONSTRUCTION (if applicable) PROFESSIONAL SERVICES Tampa, Florida 2013 not applicable (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm BillerReinhart performed site visits to five pool locations, Loretta Ingraham Community Center Pool; Cyrus Greene Community Center Pool; e. Dr M L King Jr Recreation Complex Pool; Spicola Family Pool; Sulphur Springs Recreation Complex Pool, to visually evaluate 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 Inspection. Project Role: Principal Engineer/ Inspector

	E.	RESUMES OF KEY PERSO (Complete one S	ONNEL PROPOSED I Section E for each key	2 - 전문 11 - 전문 11 - 전문 전문 12 - 전		
12. NAME		13. ROLE IN THIS CONTRACT		14. YEAR	S EXPERIENCE	
Bria	an E. Walter, PE	Project En	gineer	a. TOTAL 9	b. WITH CURRENT FIRM 8	
	IRM NAME AND LOCATION (City and State) r Reinhart Structural Group, Ta					
	DUCATION (DEGREE AND SPECIALIZATIC nelor of Science in Civil Engineerin		17. CURRENT PROFESS Florida Professional	SIONAL REGISTRATION (STATE AND I Engineer 66538	D DISCIPLINE)	
Ame	THER PROFESSIONAL QUALIFICATIONS rican Institute of Steel Constructio nni Association	(Publications, Organizations, Training on; American Society of Civil	, <i>Awards, etc.)</i> Engineers; Internation	nal Concrete Repair Institute	University of South Florida	
		19. RE	LEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State Tampa Convention Center Mo			(2) YEAF	COMPLETED	
	Tampa, Florida (3) BRIEF DESCRIPTION (Brief scope, size)			PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2009	
a.	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 Enginee	al engineering design and re Aodifications included additic alls, addition of new concrei g tower), new door opening 3.	novation services for t onal structural steel to te masonry walls, rem	the installation of a new sect the roof framing to support noval of an existing roll-up de	ion of moveable partition panel the new panels, the demolition por, relocation of existing steel	
	(1) TITLE AND LOCATION (City and State	e)		(2) YEAF	COMPLETED	
	Clearwater Marina Feasibility Study Clearwater Beach, Florida		PROFESSIONAL SERVICES 2011	CONSTRUCTION (<i>if applicable</i>) not applicable		
b.	 (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 (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) BIIlerReinhart 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 discernible 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. (4) Project Engineer 					
	(1) TITLE AND LOCATION (City and State Old City Hall Elevator Shaft Re				COMPLETED	
	Tampa, Florida			PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) 2009	
c.	c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BillerReinhart 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. Project Role: Project Engineer					
	(1) TITLE AND LOCATION (City and State			(2) YEAF	RCOMPLETED	
	Ben T. 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 (4) BillerReinhart performed structural design services for the structural elements of new elevated building for concessions, lifeguard station and restrooms at the Beach Park. 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 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. Project Role: Project Engineer 						
	(1) TITLE AND LOCATION (City and State			(2) YEAF	R COMPLETED	
	Loretta Ingraham Community Tampa, Florida			PROFESSIONAL SERVICES 2003	CONSTRUCTION (if applicable) 2003	
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE 🛛 Check if project performed with current firm					

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 Structural Engineer		14. YEARS EXPERIENCE				
				a. TOTAL 8	b. WITH CURRENT FIRM			
	15. FIRM NAME AND LOCATION (<i>City and State</i>) Biller Reinhart Structural Group, Tampa, Florida							
	16. EDUCATION (DEGREE AND SPECIALIZATION) 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Bachelor of Science in Civil Engineering USF, 2005 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida Professional Engineer 70985 Registered Roof Consultant 0734							
Ame	18. 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. RE	ELEVANT PROJECTS					
	(1) TITLE AND LOCATION (City and State			(2) YEAR	R COMPLETED			
	Park Trammel Building Restor Tampa, Florida			PROFESSIONAL SERVICES 2008	CONSTRUCTION (<i>if applicable</i>) 2008			
a.	(3) BRIEF DESCRIPTION (Brief scope, siz BillerReinhart prepared design of the 9-story office building. Bill restoration work to observe cons Project Role: Structural Engin	drawings and specifications lerReinhart also performed struction progress and subr	for the restoration of a construction administ	tration services including co	reinforced concrete columns at onducting site visits during the			
	(1) TITLE AND LOCATION (City and State			(2) YEAF	R COMPLETED			
	Street Sweeper Facility Design Clearwater, 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 (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 will perform 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). 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 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. 								
	(1) TITLE AND LOCATION (City and State Hardee Senior High School Ar				R COMPLETED			
	Wauchula, Florida			PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) 2009			
 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE C. 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 USF NW Chiller Plant Renoval			(2) YEAF	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 (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. (4) Project Role: Structural Engineer 								
	(1) TITLE AND LOCATION (City and State			(2) YEAF	R COMPLETED			
	Forest Hills Elementary Repai Tampa, Florida			PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) ongoing			
e.	(3) RRIEE DESCRIPTION (<i>Brief score, size, cost, etc.</i>) AND SPECIEIC ROLE. Character of Character formed with current firm							

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 Structural Technician		14. YEARS EXPERIENCE		
				a. TOTAL 2	b. WITH CURRENT FIRM	
	IRM NAME AND LOCATION (City and State, Reinhart Structural Group, Ta					
				IONAL REGISTRATION (STATE ANI	D DISCIPLINE)	
18. 0 Auto	THER PROFESSIONAL QUALIFICATIONS desk User Group International; In	(Publications, Organizations, Training ternational Concrete Repair	g, Awards, etc.) Institute			
		19. RI	ELEVANT PROJECTS	;		
	(1) TITLE AND LOCATION (City and State			(2) YEA	R COMPLETED	
	Clark Elementary Stair Restor Tampa, Florida			PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2013	
a.	(3) BRIEF DESCRIPTION (Brief scope, sin Biller Reinhart Structural Group BillerReinhart performed site vi containing a scope of work for permitting and construction. B meetings, issued reports to doc. Project Role: Structural Tech	n, Inc. performed structural i sits to visually observe the or the project, technical sp illerReinhart performed sit ument observations made o	restoration services for existing condition of t pecifications, required e visits to observe p	he subject stair structures a construction details, and roject construction as requ	at the subject school location. Ind produced a Project Manual estimated repair quantities for lired, attended project related	
	(1) TITLE AND LOCATION (City and State			(2) YEA	R COMPLETED	
	Multipurpose Trail Retaining V Zephyrhills, Florida	Wall 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 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. Project Role: Structural Technician					
	(1) TITLE AND LOCATION (City and State	a)		(2) YEA	R COMPLETED	
	Seminole Elementary Seminole, Florida			PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2013	
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE					
	(1) TITLE AND LOCATION (City and State	e)		(2) YEAI	R COMPLETED	
	Fire Station #11 Design Tampa, Florida			PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) ongoing	
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE If Check if project performed with current firm					
	(1) TITLE AND LOCATION (City and State	e)		(2) YEAR COMPLETED		
	Tarpon Springs Middle Schoo Tarpon Springs, Florida			PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2013	
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE In Check if project performed with current firm Biller Reinhart Structural Group, Inc. performed structural design services for additions and modifications of two 2-story classroom building to					

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 1		
21. TITLE AND LOCATION (<i>City and State</i>) Ben T. Davis Beach Structure Tampa, Florida			22. YEAR (SERVICES 13	COMPLETED CONSTRUCTION (if applicable) ongoing		
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER City of Tampa	b. POINT OF CONTACT NAME Mr. Kevin L. Henika, AIA		c. POINT OF CC 813.274.567	NTACT TELEPHONE NUMBER		

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



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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 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 2			
21. TITLE AND LOCATION (City and State) Tampa Convention Center Movable Partition Addition Tampa, Florida	COMPLETED CONSTRUCTION (<i>if applicable</i>) 2009			
23. PROJECT OWNER'S INFORMATION				

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER			
City of Tampa	David Lee	813. 274.8425			
24 DRIFE DESCRIPTION OF DRO JECT AND RELEVANCE TO THIS CONTRACT (Include scene size, and seet)					

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



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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

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
21. TITLE AND LOCATION (City and State) Old City Hall Elevator Renovation Tampa, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (if applicable 2009) 2009 2009	
	23. PROJECT OWNER'S INFORMA	TION	
a. PROJECT OWNER City of Tampa	b. POINT OF CONTACT NAME Mr. Larry Wilder, AIA	c. POINT OF 0 813.242.66	CONTACT TELEPHONE NUMBER

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.



25	FIRMS FROM SECTION C INVOLVED WITH THIS PROJEC	T'
20.		

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 I QUALIFICATIONS FOR	20. EXAMPLE PROJECT KEY NUMBER		
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		4	
		22. YEAR COMPLETED	
21. TITLE AND LOCATION (City and State) NFL Youth Education Center Addition		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) ongoing
Tampa, Florida			
23. PROJ	JECT OWNER'S INFORMA	ATION	
a. PROJECT OWNER City of Tampa	b. POINT OF CONTACT NAME Mr. James E. Jackson, A		ONTACT TELEPHONE NUMBER 56

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



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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 QUALIFICATIONS FOR (Present as many projects as requested by the Complete one Section F	THIS CONTRACT e agency, or 10 projects, if I			20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION (City and State) Fire Station #11 Tampa, Florida	-	PROFESSIONAL 20	SERVICES	COMPLETED CONSTRUCTION (if applicable) ongoing
23. PRO	JECT OWNER'S INFORMA	ATION		
a. PROJECT OWNER City of Tampa	b. POINT OF CONTACT NAME Mr. James E. Jackson, A	AIA	c. POINT OF CO 813.274.845	ONTACT TELEPHONE NUMBER

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



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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 QUALIFICATIONS FOR THIS CONTRA (Present as many projects as requested by the agency, or 10 Complete one Section F for each proje	ACT) projects, if not specified.	20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION (City and State) Canopies at Central Fleet Maintenance Design Tampa, Florida	22. YEAF PROFESSIONAL SERVICES 2009	COMPLETED CONSTRUCTION (<i>if applicable</i>) 2010
23. PROJECT OWNER	'S INFORMATION	

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Tampa	Mr. Kevin L. Henika, A.I.A.	813.274.5678

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 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 7
21. TITLE AND LOCATION (<i>City and State</i>) Krause Pumping Station Rehabilitation Tampa, Florida 22. YEAR PROFESSIONAL SERVICES 2013		OFESSIONAL SERVICES	COMPLETED CONSTRUCTION (<i>if applicable</i>) ongoing
23. PR	OJECT OWNER'S INFORMATIO	NC	
a. PROJECT OWNER City of Tampa, Water Department	b. POINT OF CONTACT NAME Ms. Cassidy L. Barrett	c. POINT OF CO 813-274-889	NTACT TELEPHONE NUMBER

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



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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

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

F. EXAMPLE PROJECTS QUALIFIC (Present as many projects as r Complete		AMPLE PROJECT KEY MBER 8			
21. TITLE AND LOCATION (City and State) Park Trammell Building Restoration Tampa, Florida	on	PROFESSIONAL SEF 2008	22. YEAR COMPLE RVICES COM	TED ISTRUCTION (if applicable) 2008	
	23. PROJECT OWNER'S INFOR	MATION			
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.			

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

F. EXAMPLE PROJECTS QUALIF (Present as many projects as Comple	20. EXAMPLE PROJECT KEY NUMBER 9		
21. TITLE AND LOCATION (City and State) Loretta Ingraham Community Ce Tampa, Florida	nter Threshold Inspection	22. YEA PROFESSIONAL SERVICES 2003	R COMPLETED CONSTRUCTION (<i>if applicable</i>) 2003
	23. PROJECT OWNER'S INFOR	RMATION	
a. PROJECT OWNER City of Tampa	b. POINT OF CONTACT NA Mr. Steven Heiser, A		CONTACT TELEPHONE NUMBER

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

Harvard Jolley Architects



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Biller Reinhart Structural Group, Inc.	(2) FIRM LOCATION (<i>City and State</i>) Tampa, Florida	(3) ROLE Structural Engineer
b.			
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F. EXAMPLE PROJECTS WHICH BEST I QUALIFICATIONS FOR (Present as many projects as requested by the Complete one Section F	20. EXAMPLE PROJECT KEY NUMBER 10			
	60 C	22. YEAR	COMPLETED	
21. TITLE AND LOCATION (<i>City and State</i>) NFL Youth Education Center Threshold Inspe Tampa, Florida	ection	PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) ongoing	
23. PROJ	IECT OWNER'S INFORMA	TION		
a. PROJECT OWNER City of Tampa	b. POINT OF CONTACT NAME c. POINT OF CO Mr. James E. Jackson, AIA 813.274.845		ONTACT TELEPHONE NUMBER 56	

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.	2		
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e.			

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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

27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
	1		3							10
Principal Engineer	X	X	X	X	X	X	X	X	X	X
Project Engineer	x	х	x	x	х	x			x	x
Structural Engineer								x		
Structural Technician	x				x		x			x
	_									
	CONTRACT (From Section E, Block 13) Principal Engineer Project Engineer Structural Engineer	CONTRACT (From Section E, Block 13) 1 Principal Engineer X Project Engineer X Structural Engineer	27. ROLE IN THIS CONTRACT (From Section E, Block 13) (Fill in 1 2 Principal Engineer X X Project Engineer X X Structural Engineer	27. ROLE IN THIS CONTRACT (From Section E, Block 13) (Fill in "Examp table. 1 2 3 Principal Engineer X X X X X Project Engineer X X Structural Engineer	27. ROLE IN THIS CONTRACT (From Section E, Block 13) (Fill in "Example Project table. Place "participati 1 2 3 4 Principal Engineer X X X Project Engineer X X X Structural Engineer X X X	27. ROLE IN THIS CONTRACT (From Section E, Block 13) (Fill in "Example Projects Key": table. Place "X" under participation in sa 1 2 3 4 5 Principal Engineer X X X X X Project Engineer X X X X X Structural Engineer Image: Construction of the second seco	27. ROLE IN THIS CONTRACT (From Section E, Block 13) (Fill in "Example Projects Key" section to table. Place "X" under project participation in same or si 1 Principal Engineer X X X X X X Project Engineer X X X X X X X Structural Engineer Image: Construction of the section of t	27. ROLE IN THIS CONTRACT (From Section E, Block 13) (Fill in "Example Projects Key" section below be table. Place "X" under project key num participation in same or similar role 1 2 3 4 5 6 7 Principal Engineer X X X X X X X X Project Engineer X X X X X X X X Structural Engineer	27. ROLE IN THIS CONTRACT (From Section E, Block 13) (Fill in "Example Projects Key" section below before com table. Place "X" under project key number for participation in same or similar role.) 1 2 3 4 5 6 7 8 Principal Engineer X X X X X X X X X Project Engineer X X X X X X X X Structural Engineer X X X X X X X	27. ROLE IN THIS CONTRACT (From Section E, Block 13) (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.) 1 2 3 4 5 6 7 8 9 Principal Engineer X X X X X X X X X X Project Engineer X X X X X X X X Structural Engineer X X X X X X X X

	29. EXAMP		SEGIO RET
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.



Small (Local) Business Enterprise (SBE) Certifications

City of Tampa (above) #347, expires 2/15/2016 City of St. Petersburg #0909-8030, expires 4/1/2016 Hillsborough County #HC-0404/13, expires 12/11/2015 Hillsborough County Schools expires 2/15/2016 Tampa Port Authority expires 8/26/2014 SFWMD #119924, expires 12/18/2016 Broward CBE Pending

	ED REPRESENTATIVE g is a statement of facts.	
31. SIGNATURE	32. DATE May 30, 2014	
33 NAME AND TITLE Brian E. Walter, PE; Principal Structural Engineer		

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

	ARCHI	FECT-ENGIN		UALIFIC	ATIONS	5		1. SOLICITATION NUMBE RFQ # 4421 -14-RD		
		/If a firm has bran		I - GENER				fice seeking work.)		
	R BRANCH OFFICE) N	AME	ch onices	, complete i	or each sp	ecinc brai		3. YEAR ESTABLISHED	4. DUNS NUM	BER
2b. STREET	inhart Structural	Group, Inc.						2001	9296	615081
4700 She	eridan Street, Sui	te J						1925 - Ma	WNERSHIP	
2c. CITY Hollywoo					2d. STATE FL	2e. ZIP COE 33021	DE	a. TYPE	rporation	
	OF CONTACT NAME AN	ND TITLE	ineer					b. SMALL BUSINESS STA	ATUS S-Corp	
	ONE NUMBER	ipai otraotarai Eng	6c. E-MAIL	ADDRESS				7. NAME OF FIRM (If block		ffice).
(954)351-	-9006		bwalter@	billerreinha	rt.com					
		8a. FORMER F	RM NAME(S)	(If any)				8b. YR. ESTABLISHED	8c. DUNS NUM	/BER
	9.	EMPLOYEES BY D	ISCIPLINE	-		10.		LE OF FIRM'S EXPE RAGE REVENUE FOI		
a. Function Code		b. Discipline		c. No. of Em (1) FIRM	(2) BRANCH	a. Profile Code		b. Experience		c. Revenue Index Number (see below)
57	Principal – Seni	ior Structural Engine	er	4		C10	Comr	nercial Building (Low Rise	e); Shopping	2
57	Engineer			2		F05		isic Engineering		3
08	CADD Technici	an		3		H10	Hotel	s/Motels		2
02	Administrative			2		I01		trial Buldings		1
						O01 P08	Prisor	e Buildings ns		1
						R06	Reha	bilitation		2
79						S09	Struc	tural Design	1	
						T02	Testir	ng and Inspection Service	S	2
						-				
<u>.</u>										
			Total	11						
11		AGE PROFESSION /ENUES OF FIRM	AL		PROFE	SSIONAL S	SERVI	CES REVENUE INDE	X NUMBER	
		ST 3 YEARS		1. Less that	an \$100,000)		6. \$2 million to less	than \$5 millio	n
		number shown at ri	ght)		0 to less tha			7. \$5 million to less the		
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b. Non-Fe	ederal Work	2011 (5)								
		2012 (5) 2013 (5)								
c. Total V	Vork	2011 (5)		1						
		2012 (5)								
		2013 (5)	12		D REPRES	ENTATIVE				
		-		e foregoing i				9		
a. SIGNAT		67							b. DATE	
C. NAME A									5/30/14	
		ipal Structural Eng	ineer							

MANDATORY USE DATE OF FORM 6/2004

Profile of Consultant

a. State whether your organization is national, regional or local.

Biller Reinhart Structural Group, Inc. is a local, Florida-based firm, with offices in Hollywood and Tampa. BillerReinhart provides services locally and nationally to meet diverse client needs with licenses to provide professional structural engineering and consulting in a number of states and territories additional to Florida, including Alabama, Georgia, Louisiana, Maryland, Mississippi, New York, North Carolina, Tennessee, Texas, Virginia and US Virgin Islands.

b. State the location of the office from which your work is to be performed.

Biller Reinhart Structural Group, Inc. will perform the majority of work from their office located in Hollywood, Florida. All travel will be billed from the Hollywood Office. The Tampa Office (headquarters) may provide coordination and support services, as required.

Hollywood Office 4700 Sheridan Street, Suite J, Hollywood, Florida 33021 Phone: 954.351.9006, Fax: 954.351.9009

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

c. Describe the firm, including the size, range of activities, etc.



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

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 commercial, healthcare facilities, parking structures, public, hotels and hospitality, water and wastewater, religious, industrial and manufacturing, and residential.

BillerReinhart, a corporation organized under the laws of the State of Florida document number 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 with over *130 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's Professional Engineers are licensed in multiple states including the State of Florida.

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
- Representation of the second s
- 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
- Anchorage 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
- Ruilding 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:

- Revisits 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.
- Facility 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 education, ethics, and experience, and 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. 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.



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:

- Restructural failures and collapse
- Building settlement related damage
- Sinkhole losses
- Storm/wind damage
- Damage due to Insect activity
- Fire damage
- Damage due to explosion
- Representation of the second s
- Damage resulting from construction defects
- Damage due to water losses and moisture intrusion
- Damage due to fallen tree impact
- Damage due to vandalism
- 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
- Ruilding Collapse
- R Hurricane Damage
- **Wehicular Impact**
- **Fallen** tree impact
- Construction / Design Related Failure

Our services include:

- Tamage Assessment
- Emergency Shoring Design
- Structural Analysis
- Expert Witness Consulting



d. Provide a list and description of similar municipal and other projects satisfactorily completed within the past five (5) years. For each project listed, include the name and telephone number of a representative for whom the project was undertaken who can verify satisfactory performance.

Municipal Projects

Krause Pumping Station Design Tampa, 2014 Ms. Cassidy L. Barrett, 813.274.8890

Fire Station #11 Design Tampa, 2013 Mr. James Jackson, AIA, 813.274.5677

NFL Youth Education Center Addition & Threshold Inspection Tampa, 2013 Mr. James Jackson, AIA, 813.274.5677

Ben T. Davis Beach Structure Design *Tampa, 2014* Mr. Kevin L. Henika, A.I.A., 813.274.5678

Canopies at Central Fleet Maintenance Design *Tampa, 2010* Mr. Kevin L. Henika, A.I.A., 813.274.5678

Tampa Convention Center Movable Partition Addition *Tampa, 2009* Mr. David Lee, 813. 274.8425

Old City Hall Elevator Shaft Rehabilitation *Tampa, 2009* Mr. Larry Wilder, AIA, Wilder Architecture, Inc., 813.242.6677

Annual Waterslide Inspections Largo, 2013 Mr. Mark N. Abdo, 727.518.3128

WWRF Building Modifications Largo, 2011 Mr. Chuck Mura, P.E., 727.587.6713

Street Sweeper Facility Design Clearwater, 2014 Mr. D. Scott Rice, P.E., 727.562.4737

Pier 60 Restoration Condition Survey *Clearwater, 2013* Mr. D. Scott Rice, P.E., 727.562.4737

Clearwater Marina Feasibility Study Clearwater, 2011 Mr. D. Scott Rice, P.E., 727.562.4737

Pier 60 Beach Pavilion Clearwater, 2011 Mr. D. Scott Rice, P.E., 727.562.4737

Englebert Complex Roof Structure Analysis *Dunedin, 2012* Mr. Keith J. Fogarty, 727.298.3232

Multipurpose Trail Retaining Wall Design Zephyrhills, 2013













Page 6

Mr. Rich Piccininni, P.E., The Ash Group, Inc., 813.290.8899

<u>South Florida Experience</u> Hawk's Cay Resort Restoration *Marathon, 2014* Mr. Mike Kubick, Pyramid Advisors LLC, 813.760.2937

Scoreboard Foundation Design Analysis *Ft. Myers Beach, 2014* Mr. Adam Leicht, 239.765.4222

Watson-Activis Pharmaceutical Facility Renovations *Davie, 2014* Mr. Rhett Jackson, P.E., Phoenix Engineering Group, 813. 963.0888

Sheraton Suites Window Pane Replacement *Plantation, 2013* Mr. Mike Kubick, Pyramid Advisors LLC, 813.760.2937

Ft. Lauderdale Surf Club Seawall Restoration *Ft. Lauderdale, 2013* Abby Laughlin, abby.laughlin@gmail.com

Modera Bird Peer Review *Miami, 2013* Mr. Scott A. Cooley, THE WOLF GROUP, 813.253.3400

Montage – MET 3 Peer Review Miami, 2013 Mr. Scott A. Cooley, THE WOLF GROUP, 813.253.3400

Actavis Data Center Expansion *Sunrise, 2013* Mr. Rhett Jackson, P.E., Phoenix Engineering Group, 813. 963.0888

CleanPro Enviro Solution Building Foundation *Miami, 2012* Alex E. Sanchez, P.E., Cherokee Enterprises, Inc., 305.828.3353

MIA Regional Boarding Ramp *Miami, 2011* Mr. Jim Larson, East Island Aviation Services, Inc., 516.317.6275

482nd Fighter Wing Pope Support Foundations *Homestead ARB, 2010* Mr. William H. Freeman, P.E., TKDA (ECMC Services, Inc.), 813.933.6025

Downtown Hilton 3 Form Deco Walls *Miami, 2009* Mr. Mike Kubick, Pyramid Advisors LLC, 813.760.2937

Downtown Hilton Restoration/Waterproofing *Miami, 2009* Mr. Mike Kubick, Pyramid Advisors LLC, 813.760.2937

Coconut Grove Doubletree Hotel Restoration *Miami, 2009* Mr. Mike Kubick, Pyramid Advisors LLC, 813.760.2937

Arnet Pharmaceutical Feasibility Study Davie, 2009 Mr. Rhett Jackson, P.E., Phoenix Engineering Group, 813. 963.0888







e. Provide information on any litigation (settled or pending) the firm has been involved in within the last five (5) years.

Biller Reinhart Structural Group, Inc. has never been involved in any litigation or lawsuits with owners or contractors during the firm's twelve (12) year history.

f. Describe the experience in conducting similar projects for each of the staff assigned to the engagement. Describe the relevant educational background of each individual.

Robert J. Reinhart, PE, Vice President



23 Years experience. <u>Education: Bachelor of Architectural</u> <u>Engineering, The Pennsylvania State University, 1990; Master of</u> <u>Engineering, The University of South Florida, 1996.</u> *Mr. Reinhart has extensive experience in the fields of structural engineering and building envelope consulting. His expertise includes 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; waterproofing of existing buildings, parking structures, and plaza decks; assessment of existing buildings and parking structures for forensic investigations, due diligence studies, feasibility studies, turnover studies, emergency repairs, and for future project planning; and expert testimony in depositions, trials, mediations, and appraisal hearings. Mr. Reinhart is a licensed professional engineer in several states.

Relevant Project Experience:

Fire Station #11 Design Tampa, Florida; 2013. Krause Pump Station Rehabilitation Tampa, Florida; 2014. NFL Youth Edu. Center Addition/Threshold Inspection Tampa, Florida: 2013.



Brian E. Walter, PE, Principal Structural Engineer



11 Years experience. <u>Education: Bachelor of Science in Civil</u> <u>Engineering, The University of South Florida, 2003.</u> *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.

Relevant Project Experience:

Ben T. Davis Design Tampa, Florida; 2013. Clearwater Marina Feasibility Study Clearwater, Florida; 2011. Old City Hall Elevator Shaft Restoration Tampa, Florida; 2009.



Clayton L. Prescott, PE, SE, Structural Engineer



9 Years experience. <u>Education: Bachelor of Science in Civil</u> <u>Engineering, The University of South Florida, 2005.</u> *Mr. Prescott has nearly a decade of years of 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 has performed condition surveys and prepared design and construction plans*

and specifications for the renovation and restoration of existing structures. Mr. Prescott has been deployed on many occasions to participate in Urban Search and Rescue Operations in the State of Florida and in other states affected by hurricanes, natural disasters and other catastrophic events. **Relevant Project Experience:**

Street Sweeper Facility Design Clearwater, Florida; 2013. Hardee Senior High School Analysis and Design Wauchula, Florida; 2009. USF NW Chiller Plant Renovation Tampa, Florida; 2009.





Kraig A. Cook, Structural Technician



3 Years experience. <u>Education: Associates of Science Degree of</u> <u>Computer Aided Drafting and Design Southwest Florida College,</u> <u>2012.</u> *Mr.* Cook has gained experience in the field of residential and commercial drafting and design, consultation and assessments. He is proficient in AutoCAD technology for drawing preparation. *Mr.* Cook is involved with planning and scheduling projects. He has performed and documented site condition

surveys, performed relative floor elevation surveys and structural assessments for projects' engineer of record. Mr. Cook has performed structural design for clients including building owners, other engineering disciplines, contractors, attorneys, adjusters and public entities.

Relevant Project Experience:

Multipurpose Trail Retaining Wall Design Zephyrhills, Florida; 2012. Fire Station #11 Design Tampa, Florida; 2013. Clark Elementary Stair Restoration Tampa, Florida; 2013.

g. Describe the organization of the proposed project team, stressing level of experience and qualification, detailing the level of involvement, field of expertise and estimated hours for each member of the team.



Overall Staff Availability

Structural Integrity is Our Business

Biller Reinhart Structural Group, Inc. 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 proposed staff members of BillerReinhart will be available for City projects.

Organizational Chart



h. Describe what municipal staff support is anticipated for this type of engagement.

Biller Reinhart Structural Group, Inc. may request the assistance of the following municipal staff:

Facility Supervisor/Plant Operations Manager Provide access to buildings; Review scope of work.

City Architect or Contract Administrator Provide existing construction documents (drawings).

Other City Staff involved with the preparation of construction documents; to coordinate standards, as required.

i. Describe your approach to performing the work. This should include your role and that of other parties involved in the data gathering, data analysis and recommendation process.

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

- Roward Sheriff's Office
- City of Homestead
- City of Sarasota
- City of Tampa
- R City of Dunedin

- City of Venice
- City of Punta Gorda
- Hillsborough County
- Hillsborough County Schools
- Leon County Schools



- City of Clearwater
 City of Lakeland
 City of St. Petersburg
 City of Largo
 City of North Port
- Pinellas County Schools
- 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.

- Each 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.
- BillerReinhart 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
- Perform site visit at proposed project location
- Data collection at site visit; photographs, existing conditions, limitations
- Discuss existing conditions with site personnel
- Review available documents; reports, drawings, specifications
- Establish need of other consultants if required
- Prepare 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
- Representation of the project to be complete
 - o Emergency
 - Construction during breaks
 - Construction during Summer
- Develop timeline of activities
 - Condition Survey & Condition Survey Report
 - Preparation of Construction Documents
 - Contractor Bid
 - Construction
 - 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
 - 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 2014* for drawings 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.

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 Tampa. They are among a select group of firms that the City trusts to deliver the varying structural services we require."

-James Jackson, AIA, City of Tampa

"We have been using BillerReinhart for several years and appreciate their efficiency and quality. 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



ACORD [®] CERTIFICATE OF		ITY IN	ISURA	NCE		MM/DD/YYYY) 2014
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMAT CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CO REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HO	AMEND, EXTE ONSTITUTE A C OLDER.	ND OR ALT	ER THE CO BETWEEN 1	VERAGE AFFORDED THE ISSUING INSURER	BY THE R(S), AU	E POLICIES
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467 Kinderkamack Road	É-MAIL ADDRE			(A/C, NO):		
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Tampa FL 33614	INSURE					
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ACORD [®] CERTIFICATE OF LI	ABILITY IN	ISURA	NCE		(MM/DD/YYYY) 1/2013					
CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMENI	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, th the terms and conditions of the policy, certain policies may require an certificate holder in lieu of such endorsement(s).										
PRODUCER	CONTACT NAME:									
Marsh USA, Inc. 3031 N. Rocky Point Drive West, Suite 700	PHONE (A/C, No, Ext):		FAX (A/C, No):						
Tampa, FL 33607	E-MAIL ADDRESS:									
	IN	SURER(S) AFFOR	DING COVERAGE		NAIC #					
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DecisionHR, Inc.	INSURER B :				-					
PO Box 33024 St. Petersburg, FL 33733-8024	INSURER C :									
	INSURER D : INSURER E :									
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Coverage is provided for only those employees leased to but not subcontractors of BillerReinhart Structu	ral Group, Inc									
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BillerReinhart Structural Group, Inc.	SHOULD ANY OF	THE ABOVE D	ESCRIBED POLICIES BE	CANCEL	LED BEFORE					
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Hold Harmless

HOLD HARMLESS AND INDEMNITY CLAUSE:

Biller Reinhart Structural Group, Inc.

Brian E. Walter, PE, Principal Engineer

, the contractor shall indemnify, defend and hold harmless the City of Hollywood, its elected and appointed officials , employees and agents for any and all suits, act ions, legal or administrative proceedings, claims, damage, liabilities, interest, attorney's fees, costs of any kind whether arising prior to the start of activities or following the completion or acceptance and in any manner directly or indirectly caused, occasioned or contributed to in whole or in part by reason of any act, error or omission, fault or negligence whether active or passive by the contractor, or anyone acting under its direction, control, or on its behalf in connection with or incident to its performance of the contract.

Biller Reinhart Structural Group, Inc.

Brian E. Walter, PE, Principal Engineer

further certifies that it will meet all insurance requirements of the City of Hollywood and agrees to produce valid, timely certificates of coverage.



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45 RFQ-4421-14-RD

RFQ CHECKLIST

Please check each line item after the completion of the appropriate item.

- × I verify that the signature on page number one (1) is the signature of the person authorized to bind the agreement. (Preferably in blue ink)
- x I acknowledge reading and signing the Hold Harmless Statement.
- × I have included all information, certificates, licenses and additional documentation as required by the City in this RFQ document.
- × I have checked for any addendums to this RFQ, and will continue to check for any addendums up to the due date and time of this RFQ.
- × I have submitted one (1) original and ten (10) copies of the entire proposal with addendums.
- I have verified that the outside address label of my RFQ package is clearly marked to include my company's name, address, RFQ number and date of RFQ opening.
- NA I have read and completed (if applicable) the "Disclosure of Conflict of Interest".

NAME OF COMPANY: Biller Reinhart Structural Group, Inc.

PROPOSER'S NAME: Brian E. Walter, PE; Principal Structural Engineer

PROPOSER'S AUTHORIZED SIGNATURE

DATE: 5/27/14