

# ST. PETERSBURG PIER LANDMARK/LIVING ROOM

## Request for Qualifications Stage 1 Design Team Submittal

A Collaboration presented on September 5, 2014 by:

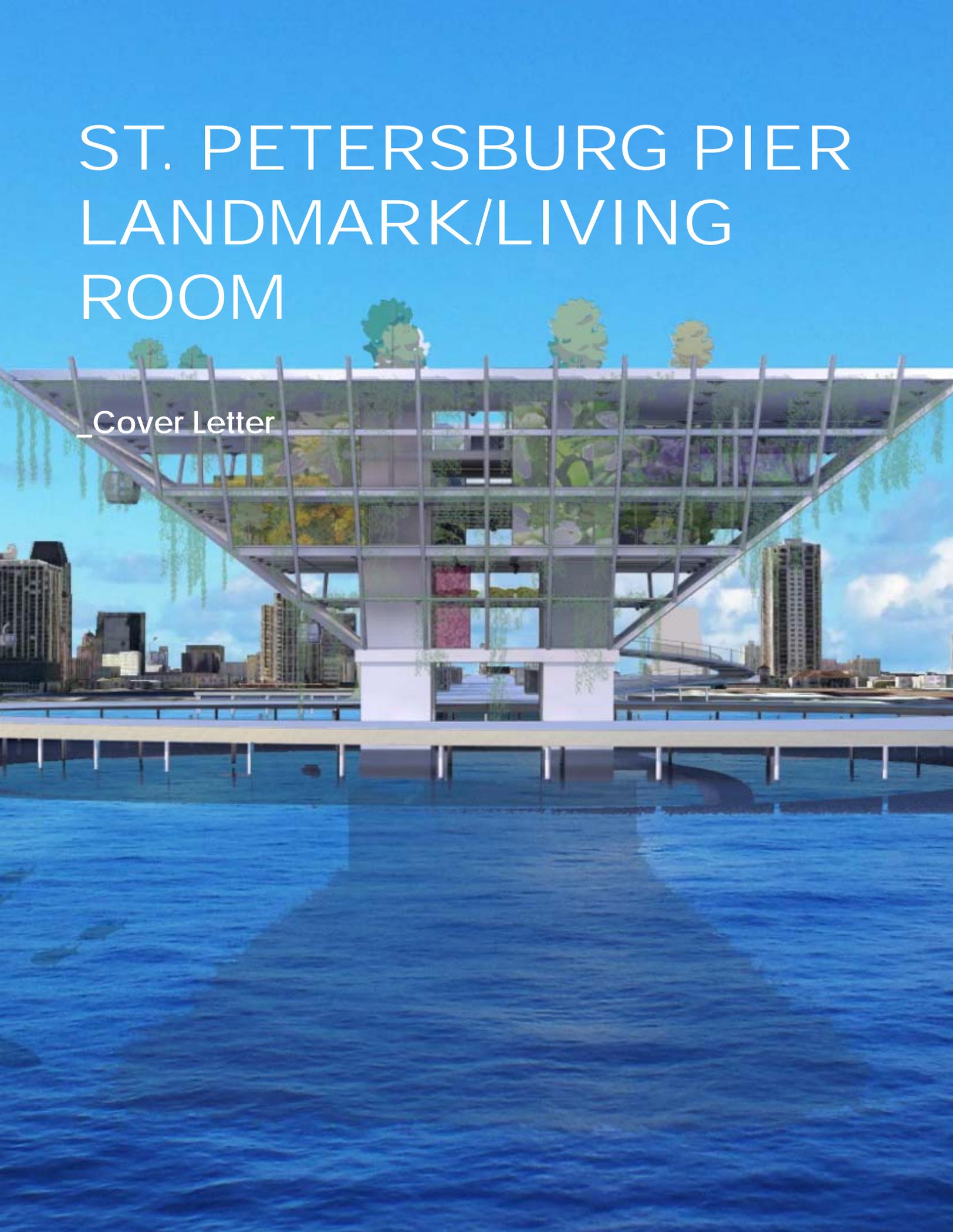
**Ross Barney Architects**, Lead Architectural Designer  
**Long & Associates**, Architect, Mechanical, Electrical, Plumbing, Civil, and Structural Engineer  
**PlaceMaker Design Studio**, Landscape Architect  
**Scheda Ecological Associates**, Marine and Coastal Biology Consultant  
**Gary Mormino**, Historian  
**ADEAS-Q**, Transportation Engineer  
**Engineering Specialties Group**, Aerial Transportation Engineer  
**Terracon**, Geotechnical and Environmental Engineer  
**ARO Engineering**, Marine and Coastal Engineer  
**Hatcher Engineering**, Fire Protection Engineer  
**Inhabit**, Green Roof Consultant  
**Polaris Associates**, Surveyor  
**Willis Construction Consulting**, Cost Consultant  
**Aqua Marketing & Communications**

*ross barney architects*  
**rb arc**



# ST. PETERSBURG PIER LANDMARK/LIVING ROOM

\_Cover Letter



Bryan Eichler  
Engineering and Capital Improvements  
City of St Petersburg  
One Fourth Street North, 7<sup>th</sup> Floor  
St. Petersburg, FL 33701

September 4, 2014

To the Design Team Selection Committee for the St. Petersburg Pier,

Ross Barney Architects in association with our Tampa Bay based partner, Long and Associates, is pleased to present our qualifications for your consideration as the Design Team for the St. Petersburg Pier.

Our team has the talent, experience and enthusiasm to handle the two important challenges that the reimagining of the St. Petersburg pier creates: conducting a meaningful and resonant public process allowing citizens to contribute to and appreciate the final design and, most importantly, creating a memorable, durable and lovably iconic public space.

We have recent experience building public spaces on marine structures like the ongoing \$150 million Chicago River Walk project. Recently we designed and executed extremely successful public process for the design framework of the Bloomingdale Trail (now the 606) which will turn a 2.7 mile underutilized rail embankment into a new linear urban park.

But while we believe that our past projects recommend us for the Pier, the most important asset we bring is our creative, problem solving vision. Our team possesses the ability to look at the St. Petersburg Pier critically and effectively making a space that will continue to be vital years into the future.

This project is challenging and exciting. Because we are so interested in the questions posed by the history, condition of the pier, we took some time to imagine an approach which we include along with our qualifications. Please consider our vision as a beginning not a finished proposal since we lack all important stakeholder input, but we are intrigued with the notion of preserving the Pyramid. We think it can be recast and remolded into a dynamic new experience that stresses its unique position astride Tampa Bay. We are interested in recreating the pier connection as a vibrant, pedestrian centric gathering space. We will study transportation options to arrive at the Pyramid including water taxis and ferries and perhaps a gondola style cable car.

I am certain you will be receiving qualifications from many design professionals, local and nationwide teams. But I can promise you that that our team will give you the best and most creative solutions. Please give us the opportunity to show you our ideas for the Pier. Please contact me personally for any further clarifications or questions, 312.832.0600 ext. 221 or [crb@r-barc.com](mailto:crb@r-barc.com)

Sincerely,



Carol Ross Barney FAIA  
Lead Design Architect

# ST. PETERSBURG PIER LANDMARK/LIVING ROOM

\_Proposed Design Team Organization



# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

**St. Petersburg Pier, Design Team Selection**

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

**CAROL ROSS BARNEY, FAIA, PRESIDENT**

5. NAME OF FIRM

**ROSS BARNEY ARCHITECTS, INC. D.U.N.S. - 113642367**

6. TELEPHONE NUMBER

**312.832.0600**

7. FAX NUMBER

**312.832.0601**

8. E-MAIL ADDRESS

**crb@r-barc.com**

### C. PROPOSED TEAM

*(Complete this section for the prime contractor and all key subcontractors.)*

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	JV PARTNER	SUB-CONTRACTOR			
a.	<input checked="" type="checkbox"/>			<b>ROSS BARNEY ARCHITECTS, INC.</b>  <input type="checkbox"/> CHECK IF BRANCH OFFICE	10 WEST HUBBARD STREET CHICAGO, ILLINOIS 60654	<b>LEAD DESIGNER</b> <b>(Small, Woman Owned Business)</b>
b.			<input checked="" type="checkbox"/>	<b>LONG &amp; ASSOCIATES, INC.</b>  <input checked="" type="checkbox"/>	4525 South Manhattan Avenue Tampa, Florida 33611	<b>ARCHITECTS, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL AND STRUCTURAL</b> <b>(Veteran Owned Small Business)</b>
c.			<input checked="" type="checkbox"/>	<b>PLACEMAKER DESIGN STUDIO, LC</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	3000 Gulf To Bay Blvd., Suite 301 Clearwater, Florida 33759	<b>LANDSCAPE ARCHITECTURE</b> <b>(Florida Minority Business Enterprise, Pinellas County Small Business Enterprise)</b>
d.			<input checked="" type="checkbox"/>	<b>HATCHER ENGINEERING</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	2108 W. Risk Street Plant City, Florida 33563	<b>FIRE PROTECTION ENGINEERING</b>
e.			<input checked="" type="checkbox"/>	<b>ARO ENGINEERING</b> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	300 3rd Avenue North, Suite 3 St. Petersburg, Florida 33701	<b>COASTAL/ MARINE ENGINEERING</b>
f.			<input checked="" type="checkbox"/>	<b>AQUA MARKETING &amp; COMMUNICATION, INC.</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	100 Second Avenue South, Suite 302-S St. Petersburg, Florida 33701	<b>MARKETING AND COMMUNICATIONS</b>
g.			<input checked="" type="checkbox"/>	<b>TERRACON</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	504 E. Tyler Street Tampa, Florida 33602	<b>GEOTECHNICAL/ ENVIRONMENTAL</b>
h.			<input checked="" type="checkbox"/>	<b>WILLIS CONSTRUCTION CONSULTING, INC.</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	2200 Lucien Way, Suite 204 Maitland, Florida 32751	<b>COST CONSULTANT</b> <b>(Veteran Owned Small Business)</b>

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

*(Attached)*

	<b>(Check)</b>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	JV PARTNER	SUB CON-TRACTOR			
i.			<input checked="" type="checkbox"/>	<b>SCHEDA ECOLOGICAL ASSOCIATES</b>  <input type="checkbox"/> CHECK IF BRANCH OFFICE	5892 E. Fowler Avenue Tampa, Florida 33617	<b>MARINE BIOLOGIST/ COASTAL BOTANIST (Florida Woman Owned /Small Business Enterprise)</b>
j.			<input checked="" type="checkbox"/>	<b>GARY MORMINO</b>  <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	235 10th Ave N Saint Petersburg, Florida 33701-1707	<b>St. Petersburg and St. Petersburg Pier Historian</b>
k.			<input checked="" type="checkbox"/>	<b>ADEAS-Q</b> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	446 Second Street North, Suite 100 St. Petersburg, Florida 33701	<b>TRANSPORTATION ENGINEER</b>
l.			<input checked="" type="checkbox"/>	<b>ENGINEERING SPECIALTIES GROUP</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	8501 Turnpike Drive, Suite 106 Westminster, Colorado 80031	<b>AERIAL ENGINEER</b>
m.			<input checked="" type="checkbox"/>	<b>POLARIS ASSOCIATES, INC.</b> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2165 Sunnysdale Boulevard, Suite D Clearwater, Florida 33765	<b>SURVEYING (St. Petersburg Small Business Enterprise)</b>
n.			<input checked="" type="checkbox"/>	<b>NATHAN GRISWOLD, INHABITECT, LLC.</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	1129 Woodmere Ave, Suite J Traverse City, Michigan 49686	<b>GREEN ROOF CONSULTANT</b>

# ***\_working with multiple clients, sub-consultants and the public***

Our team has extensive experience working on complicated projects, with multiple clients, the public, and subconsultants. For example, the Bloomingdale Trail Framework Plan entailed multiple public meetings with more than 500 individual attendees. While the client was one city department, the ultimate product, a new park, would be managed by another government agency. We met with both the client and the ultimate manager, as well as other interested public agencies and non-profits, routinely throughout the project.

We are especially dedicated to working with the public. Ross Barney Architects' clients are largely government and institutions. We seek out this type of work because we believe in serving the public. They are the ultimate client.

## ***Additional Sub-Consultants***

Should our team be shortlisted, we may wish to add consultants with expertise in the areas of lighting, acoustics, market analysis, public programming, and community engagement.

## ***Minority, Women, Veteran, and Small Business Enterprises***

Ross Barney Architects is a certified WBE and DBE by the City of Chicago, State of Illinois, Minnesota, Maryland, and California and would likely also qualify as a Florida MBE and St. Petersburg SBE. We know by our own experience that the work assigned to VOSB/MBE/WBE/SBE team members must be meaningful. If it is not, the VOSB/MBE/WBE/SBE loses the opportunity to gain the experience that will help the company grow into a self sufficient competitive entity.

In addition to Ross Barney Architects, our team includes five other VOSB/MBE/SBEs. Long & Associates, the architect and mechanical, electrical, plumbing, civil, and structural engineer, is a VOSB. PlaceMaker Design Studio, the landscape architect, is a Florida MBE and Pinellas County SBE. Polaris Associates, our surveyor, is a St. Petersburg SBE. Scheda Ecological Associates, the marine and coastal biology consultant, is a Florida MBE. Willis Construction Consulting is also a VOSB.

**City of St. Petersburg**  
Project Management

Ross Barney Architects  
**Carol Ross Barney,**  
**FAIA**  
Lead Architectural Designer

Long & Associates  
**Lex Long,**  
**AIA, LEED AP**  
Architect, MEP, Civil, and  
Structural Engineer

PlaceMaker Design  
Studio  
**Chris Anuszkiewicz,**  
**RLA, ASLA**  
Landscape Architect

Scheda  
Ecological  
Associates  
**Thomas F.**  
**Ries**  
Marine and  
Coastal Biology  
Consultant

**Gary**  
**Mormino**  
Historian

ADEAS-Q  
**Jason Collins,**  
**PhD, PE, AICP**  
Transportation  
Engineer

Engineering  
Specialties  
Group  
**Mike**  
**Deiparine, PE**  
Aerial  
Transportation  
Engineer



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF ARCHITECTURE & INTERIOR DESIGN
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

ROSS BARNEY, CAROL
ROSS BARNEY ARCHITECTS, INC
10 WEST HUBBARD STREET
CHICAGO IL 60654

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers.

License card for Ross Barney, Carol, Architect, AC# 706430, AR91653, expires 12/17/12. Includes seal of the State of Florida and text: IS LICENSED under the provisions of Ch. 481 FS. Expiration date: FEB 28, 2015 L12121700679

DETACH HERE

THIS DOCUMENT HAS A COLORED BACKGROUND • MICROPRINTING • LINEMARK™ PATENTED PAPER

AC# 706430

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

SEQ# L12121700679

Table with 3 columns: DATE, BATCH NUMBER, LICENSE NBR. Row 1: 12/17/2012, 128164219, AR91653

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2015

ROSS BARNEY, CAROL
ROSS BARNEY ARCHITECTS, INC
10 WEST HUBBARD STREET
CHICAGO IL 60654

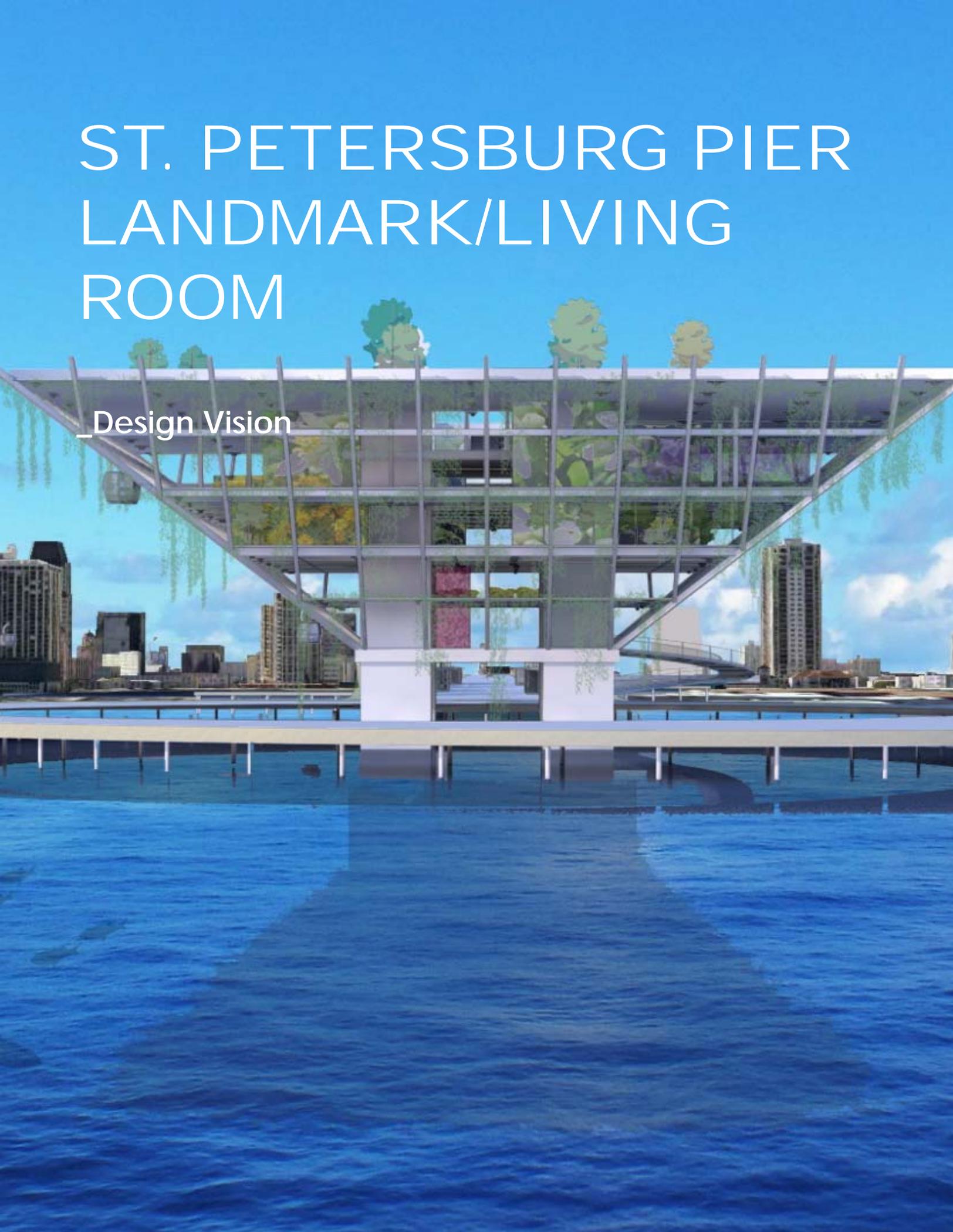
RICK SCOTT
GOVERNOR

KEN LAWSON
SECRETARY

DISPLAY AS REQUIRED BY LAW

# ST. PETERSBURG PIER LANDMARK/LIVING ROOM

\_Design Vision



# design approach

## ***The Vision: St. Petersburg's Landmark and Living Room***

To paraphrase the great architect Louis Kahn, what does the St. Petersburg Pier want to be? What do the citizens of St. Petersburg want it to be? An icon and a place that inspires pride and comfort. A place that is impressive and memorable from its first viewing, at a distance, and so engaging that it calls for repeated visits.

We believe that the Pier wants to be a place of convergence: Past, present, and future; grown and built; structured and organic; horizontal and vertical; solid and liquid; restorative and exciting; and artistic and practical. The Pier can be an eclectic whole, a celebration in and of St. Petersburg and the region. The Pier can simultaneously be both a landmark and a living room for the City.

Ross Barney Architects, Long and Associates Architects/Engineers, and our team propose that the Pier be St. Petersburg's landmark and living room. We would like to keep what is best about the Inverted Pyramid while improving upon both it and the Pier. Egyptian, Mayan, and other pyramids of antiquity decisively mark a point in the land. Egyptian pyramids in particular were the eternal home of the god-ruler. St. Petersburg's pyramid inverts the form and the role: The Inverted Pyramid is everyone's living room.

## ***Architectural and Urban Design Issues and Opportunities: How to Improve on What is Best***

The Inverted Pyramid is a landmark. How do we make the path there as enjoyable as the destination? The Inverted Pyramid is in a privileged location. Can the inside be as interesting as the outside? How do we best take advantage of the location, engage people in the water below, the sky above, the City and region all around?

### ***Inverted Pyramid: Landmark and Living Room***

The initial decision to invert the pier was inspired. Visually, it points to a spot on earth or, better said, on water. The best distant view is from the top, where the pyramid has the most space. In turn, elevated and cantilevered, the Inverted Pyramid casts a shadow below, welcome on hot and bright days.

We believe that this is what people love best about the Inverted Pyramid: The view of its distinctive and brazen shape; the view from on top of Tampa Bay, the St. Petersburg skyline, and beyond; and the relief its shadow provides. These are the elements of the Inverted Pier that we would like to keep and improve.

### ***The Pier: Destination and Path***

How can the Pier be improved? Everyone loves water. We come from water, we need water, and we enjoy water. The Inverted Pyramid is located not on land, like most pyramids, but points to the water. We believe that the Inverted Pyramid should be connected to the water. People are invited to ascend to the top and look out over the water, go to its base, and walk down to, and touch, the water.

The Inverted Pyramid is also located on the edge of, away from the city, connected by the Pier. We believe the Pier itself, the connection between St. Petersburg's downtown and the Inverted Pyramid, should be a joy. The path to the destination becomes a destination in itself.

Instead of a uniform surface, the path and program will undulate: Rising to open views and to make slopes that double for event seating; falling to meet the water; and going underneath itself to create a spot of shade. Imagine a path with views that open and close, with pockets of activity and calm.

Instead of hard surfaces that resist water and wind, the Pier and Inverted Pyramid should be softened with plants. Window and concrete will be removed. Water, wind, and Tampa Bay's plants and animals will be welcomed. Imagine a path through and above plants and water: Calming, educational, and beautiful.

### ***St. Petersburg Pier and Tampa Bay: Convergence, Divergence***

As the Inverted Pyramid and Pier is connected to the city, the Pier also reaches in the opposite direction towards the greater Tampa Bay area. The Pier can become a terminal for regional ferries, connecting St. Petersburg to Tampa, approximately 20 miles distant, and to transportation facilities, such as the St. Petersburg-Clearwater International Airport, Tampa International Airport, and the Port of Tampa. It can be connected by aerial tramway to Downtown St. Petersburg, a mile to the west of the Inverted Pyramid, providing another exciting option to reach the Inverted Pyramid.

### ***The Process***

Our vision is based on the information we have without having had a conversation with the client, the City of St. Petersburg and, indeed, its citizenry. Our preferred process is to look, listen, learn, and revise. We want to learn from the site and our client, the people who will use and love the St. Petersburg Pier.

In each of our projects, we attempt to reach three goals: To provide a useful thing of beauty at a reasonable cost that also improves the environment. We look forward to working with the people of St. Petersburg to achieve these goals.

### ***The Details***

"Teams should endeavor to develop and concept that establishes a core vision and theme while also allowing for the evolution of the design and the enhancement of programmatic elements should additional private or grant money become available" (*St. Petersburg Pier Design Team Selection Request for Qualifications*, p. 7).

We understand that the public's hopes for the St. Petersburg Pier are great and that the budget for this project is defined. We believe our vision, detailed below, will give St. Petersburg a beloved and useful icon, one that engages the public in the City and region, and one that can grow. Specific responses to the City's questions follow:

### ***The Inverted Pyramid's structure will be kept and highlighted:***

- The structure and the volume of the Inverted Pyramid will be kept and reused;
- The later first floor and elevator additions would be removed;
- The skin and interior would largely be removed;
- The top level would be restored as an observation/lounging deck;
- Selected spaces would be created on other levels to accommodate dining and/or an aerial tramway station, emphasizing a connection outwards to the City and Tampa Bay; and
- The structure would be covered with plants;

***The Pier will be replaced:*** Some portions of the Pier will be replaced with undulating surfaces that create spaces for retail, dining, or to be in the shade, underneath, and for walking, sitting, recreation, and events, above;

***Spa Beach Park and the uplands are not part of our proposal, but are part of the vision:*** Should further public or private funding be identified, our vision allows for expansion into Spa Beach Park and the uplands;

***Built volume will be largely contained within the existing “footprint”:*** The Pier would be replaced and the Inverted Pyramid, reused. New construction would largely be limited to the current plan and elevation;

***The history and nature of St. Petersburg and Tampa Bay will be interpreted:***

- Focused views of the water and remnant structures will be revealed along the Pier and around the Inverted Pyramid; and
- Gallery spaces for temporary exhibits from the St. Petersburg Museum of History; Museum of Fine Arts, St. Petersburg; Salvador Dali Museum; the Florida Holocaust Museum; and other city and regional arts, historical, and educational institutions;

***The St. Petersburg Pier will be connected:*** The proposal is focused on the Pier and Inverted Pyramid, but will allow for the following expansions when funds become available:

- Aerial tramway connection to downtown St. Petersburg;
- Aerial tramway or marine connection to downtown Tampa; and
- A marina for connections to other Tampa Bay destinations and for docking of private craft.

# ST. PETERSBURG PIER LANDMARK/LIVING ROOM

-Design Vision





# VISION



To paraphrase the great architect Louis Kahn, what does the St. Petersburg Pier want to be? What do the citizens of St. Petersburg want it to be? An icon and a place of pride and comfort. A place that is impressive and memorable from its first viewing, at a distance, and so engaging that it appeals for repeated visits.

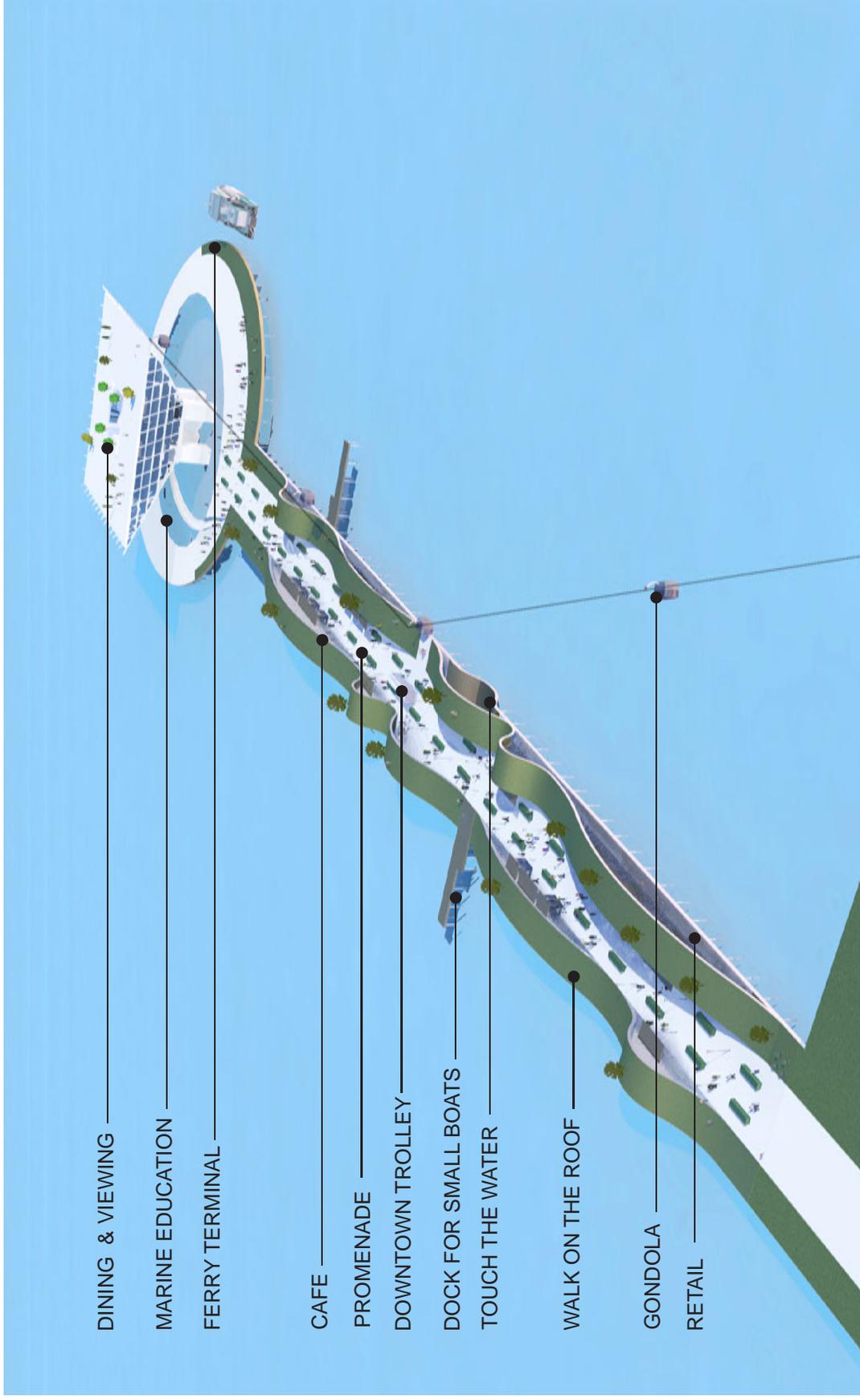
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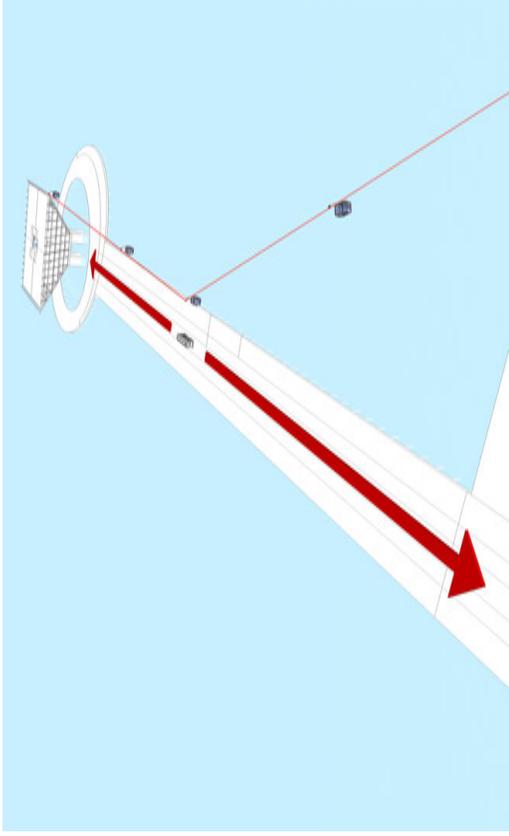
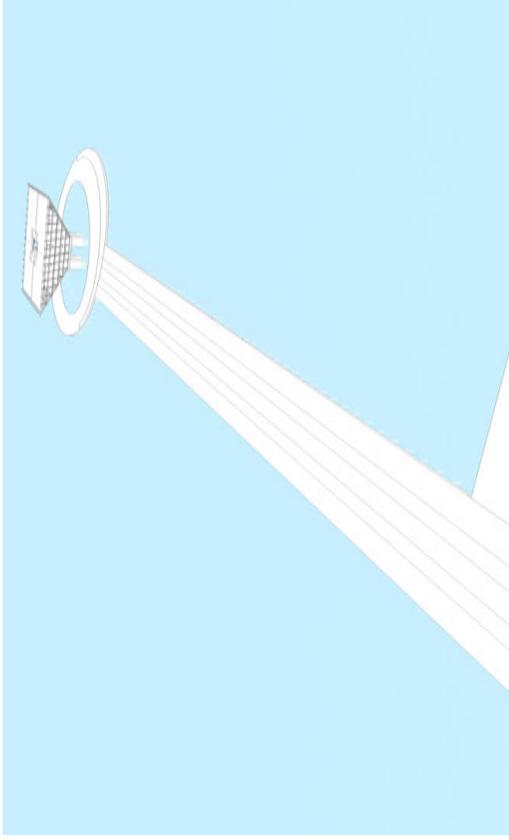
Ross Barney Architects, Long & Associates Architects and Engineers and our team proposed to keep what is best about the Pier and improve it while improving upon both it and the Pier. Egyptian pyramids were the eternal home of the god-ruler. St. Petersburg's pyramid inherits the form and the role: The Pier Pyramid is everyone's living room.



# PROGRAM



# HOW THE PIER GROWS





# ST. PETERSBURG PIER LANDMARK/LIVING ROOM

Relevant Project Examples



**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 *(City and State)*

**CHICAGO RIVERWALK**  
Chicago, Illinois

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
1997-2014

CONSTRUCTION *(If applicable)*  
2005-Current

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Chicago Department 2 FM

b. POINT OF CONTACT NAME

Michelle Woods, P.E., Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

312.744.3691

michelle.woods@cityofchicago.org

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



**CHICAGO RIVERWALK, PHASE 1**

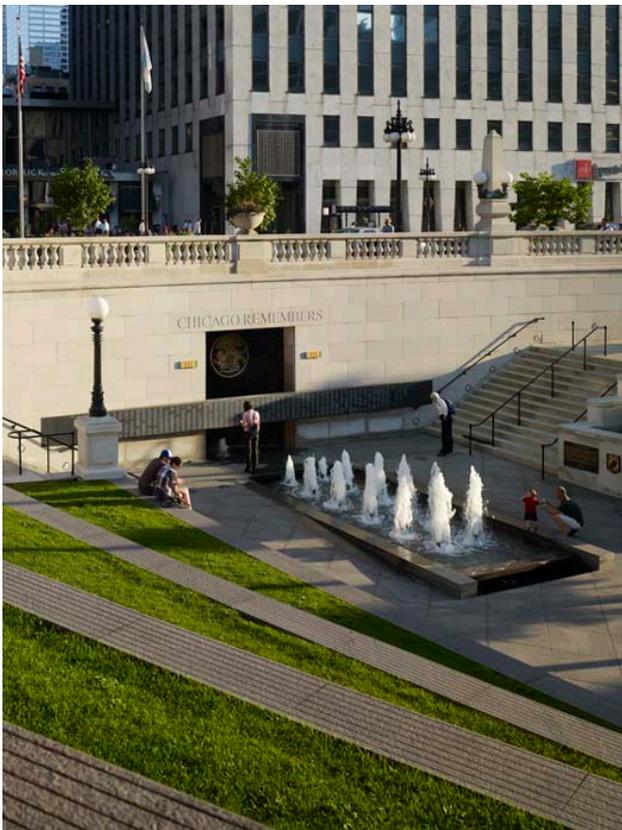
The new Chicago Riverwalk is a major public amenity at the river level along lower Wacker Drive, extending from Michigan Avenue westward to Lake Street. Completely built out, the Chicago Riverwalk will offer a mix of concessions and public activities. Following the guidelines established by the City of Chicago for riverside development, the Riverwalk includes reproduction light fixtures, planters, railings and other features that provide symbolic links to the City's past, while creating state-of-the-art facilities for citizens, visitors and fans of the River as it flows through the City of Chicago.

The Wabash Memorial Plaza is a new focal point along the Chicago Riverfront. It provides a green refuge in the center of the City while creating a vital link between upper Wacker Drive and the future riverwalk development.

Reclaimed by the rebuilding and relocation of Wacker Drive, the plaza creates an urban park, with terraces and bench-lined ramps that gently transition from busy city streets to more quiet spaces near the river. Landscaped areas and lawns balance the limestone and granite pillars, pilasters, coping and cornices that are an extension of the original Wacker Drive design.

The Chicago Vietnam Veterans Memorial Fountain is both educational and symbolic. A wall of water, cuts into the limestone wall along Wacker Drive, spills into a pool that harmonizes with the upper plaza's fountain. A timeline, of significant events during the war, line the sides of the pool. The names of Illinois soldiers who died during the war parallel the timeline, linking each name with a moment in time.





**Project Budget:** \$25,000,000

**Actual Construction Amount:** \$23,000,000

**Original/Actual Project Schedule:** 2009/2009

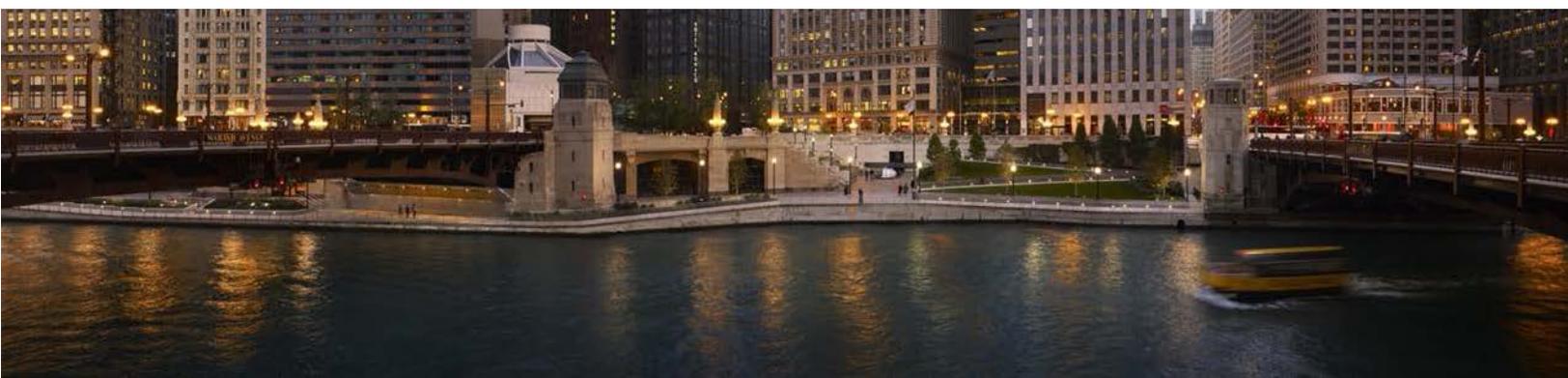
**Program** Phase I: Michigan Ave to Vietnam Veterans Memorial  
**Team:** Phase I: Ross Barney Architects, Jacobs Ryan Associates, Landscape Architect. Collins Engineering, Civil.

### **Awards / Publications**

2012 Divine Detail Award, AIA Chicago. 2010 Distinguished Building Award, Honor Award, AIA Chicago. 2010 Waterfront Center Honor Award, Excellence on the Waterfront. 2010 Architect Magazine, Annual Design Review, "Move" Citation. 2010 Friends of Downtown, "Best New Open Space." 2010 Friends of the Chicago River, Green Ribbon Award. 2010 Development of the Year, GNMAA. 2010 Chicago Landmarks Commission, Preservation Excellence Award, Michigan Avenue Bridge. 2010 Chicago Building Congress, Merit Awards. Editorial, "A Century in the Making" World Architecture News, October 2009, 2009 Chicago Architecture Foundation Patron of the Year Award, Chicago Department of Transportation. Best of 2009 in Architecture, Chicago Tribune. Midwest Construction, Best of 09 Awards. 29 Great Solutions #1 Design, Building Design and Construction 2007 Daniel Burnham Honor Award, AIA Illinois. 2007 Honor Award, ILASLA..

### **RELEVANCE**

- On Budget/Schedule
- Connects the City and the water
- Creates a new Vietnam Veterans Memorial with space for remembrance
- Icon for Community
- Created new park with infill in urban environment
- Designed with input from Community, including Veterans
- Worked with regulatory agencies for approval including the US Army Corps of Engineers
- Adjacent to historic Wacker Drive
- Creates new memorial to the Eastland Disaster
- Ecological contribution through education and action; River plantings clean and provide nourishment for fish; Signage defines river ecology and history
- Completes and improves upon Burnham Plan for Civic Promenade on Wacker Drive
- Blends Recreational, Commercial and Civic spaces
- Encourages development on the Riverwalk and adjacent properties
- Continuous river access from Lake Michigan to Lake Street
- Rooms offer unique programmed experiences
- Development along the river, dining options, public event programming are unique features
- Carol Ross Barney, FAIA, Lead Design Architect
- Andrew Vesselinovitch, AICP, Urban Planning



**CHICAGO RIVERWALK, PHASE 2**

Ross Barney Architects is designing the next phase of the Riverwalk that will enable uninterrupted public waterfront activity along the Chicago River’s south bank, from Lake Michigan west to the confluence of the river’s north, south, and main branches.

Working with Sasaki Associates and a host of specialty consultants, six new blocks will be added to the two completed Riverwalk sections that Ross Barney Architects designed. Working within a restrictive 25 foot build out area, the new Riverwalk links a series of distinct civic spaces or “rooms,” each named for its unique program. These include the Marina Plaza; Cove; River Theater; Swimming Hole; Jetty; and Boardwalk.

An integral link to the streets above is provided at the River Theater, a block-wide set of stairs that connects the city with the river and the river with the city. A fully accessible path is geometrically woven into the stairs to become a central circulation feature. The stairs will also serve as seating, both for staged events and for watching the “theater” of the river and city.

As a connected path system, the new Riverwalk provides continuous access along the river, while each linked typological “room” offers a unique experience and perspective of the water. This variety creates a series of diverse new opportunities along Chicago’s downtown riverfront, ranging from unique dining options, to expansive public event programming, to new amenities for human-powered craft.

**Project Budget:** \$100,000,000

**Actual Construction Amount:** Under Construction

**Original/Actual Project Schedule:** In Phases, Completion 2016-

**Program** Phase 2: Michigan Ave to Vietnam Veterans Memorial

**Program** Phase II: State Street West to Lake St.

**Team:** Phase II: Ross Barney Architects, Sasaki Associates, Alfred Benesch &Co., Jacobs Ryan Associates, Schuler &Shook.

**Awards/Publications**

Friends of Downtown, Best Plan 2014. “Chicago’s Riverwalk to be the Next Times Square?” Friday, January 24, 2014, by AJ La Trace, Curbed Chicago. “Checking in on Chicago’s Riverwalk Extension Plans” Friday, March 21, by James Brasuell, Planetizen. “Chicago Riverwalk Expansion ‘A Done Deal,’ City Receiving \$100 Million Federal Loan” 03/29/2013, Huffiington Post. “Chicago Riverwalk Proposal / Sasaki Associates + Ross Barney Architects”, 12/19/2012 by Alison Furuto, Arch Daily



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	<b>Ross Barney Architects</b>	<b>Chicago Illinois</b>	<b>Design Architect</b>

<p align="center"><b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b></p> <p align="center"><i>(Present as many projects as requested by the Contracting Authority, or a maximum of 10 projects, if not specified. Complete one Section F for each project.)</i></p>	<p>20. EXAMPLE PROJECT KEY NUMBER</p> <p align="center"><b>2</b></p>
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<p>21. TITLE AND LOCATION (City and State)</p> <p><b>BLOOMINGDALE TRAIL FRAMEWORK PLAN</b></p> <p>Chicago, Illinois</p>	<p align="center">22. YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="1023 241 1258 310">PROFESSIONAL SERVICES 2011-2012</td> <td data-bbox="1258 241 1534 310">CONSTRUCTION (if applicable) n/a</td> </tr> </table>		PROFESSIONAL SERVICES 2011-2012	CONSTRUCTION (if applicable) n/a
PROFESSIONAL SERVICES 2011-2012	CONSTRUCTION (if applicable) n/a			

<p align="center">23. PROJECT OWNER'S INFORMATION</p>		
<p>a. PROJECT OWNER</p> <p>Chicago Department of Transportation</p>	<p>b. POINT OF CONTACT NAME</p> <p>Janet Attarian, Project Manager</p>	<p>c. POINT OF CONTACT TELEPHONE NUMBER</p> <p>p. 312.744-5980 e.jattarian@cityofchicago.org</p>

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

**RELEVANCE**

- Design Framework Development Plan
- Literally bridges neighborhoods and reconnects communities to parks, river, and the city
- Mends urban fabric with new park and public amenities
- Multiple Design Concepts Developed
- Encourages development close to new parks and public buildings
- Encourages physical activity with separate walk, jogging and bicycle paths
- Programming spaces for the public including amphitheaters for concerts, presentations
- Branded District within several urban neighborhoods
- Community-wide design Charrette; 3 days, 650 participants
- Public outreach and engagement process, involving multiple stakeholder groups
- Evaluation of existing trail for structural soundness
- Development of Concepts at entrances, and parks
- Conversion of unused infrastructure into a 2.7 mile park
- Lead Design Architect; Carol Ross Barney, FAIA
- Urban Planning, Project Manager; Andrew Vesselinovich, AICP, Associate AIA



Ross Barney Architects worked with a multi disciplined Team to develop a framework plan for the Bloomingdale Trail, a 2.7 mile long park and bicycle route using an abandoned elevated railroad right-of-way. Ross Barney Architects analyzed the Bloomingdale Trail site, including potential connections to transportation networks, commercial strips, parks, and schools. The firm worked with the public on its design and programming and produced the framework plan.

The elevated Bloomingdale Trail will, literally and metaphorically, bridge neighborhoods now separated by trafficked streets. The original construction eliminated almost 40 grade crossings and will now provide safe passage. The trail will be among the first of its kind and a model for the conversion of other unused infrastructure, both for its design and high level of community involvement.

**Project Budget:** \$200,000,000  
**Actual Construction Amount:** Design Framework Plan Only, 2011-2012  
**Original/Actual Project Schedule:** Design Framework Plan, 2012  
**Program** 3 mile long linear park; Architecture, Urban Planning and Design, Streetscape Design  
**Team:** Arup, Ross Barney Architects, Michael Van Valkenburgh Associates, Chicago Public Art Group

Ross Barney Architects' involved the public in the design process. More than 650 community members attended meetings to discuss the Bloomingdale Trail over a days long charrette.

We worked with community members for four days during a design charrette, developing ideas. Reflecting and building upon the public's desires and working with partners, we developed a vision for the Bloomingdale Trail. That vision, and the guidelines to achieve it, is now being used to transform a piece of unused infrastructure into a valued social space.

The original construction of the elevated viaduct included the elimination of 35 grade crossings and street-level intersections. One of the advantages of the reuse of the embankment is that it isolates pedestrians and bicyclists from the congestion of the city streets and it creates a safe passage for circulation from the adjacent neighborhoods to parks and nearby schools. The trail will be the second longest path without any street crossings in Chicago behind only the lakefront paths.

A Public Charrette, sponsored by the Chicago based, Richard H. Driehaus Foundation, The Trust for Public Land, the Chicago Park District and the City of Chicago was held to engage the community in the programming and design process. Throughout the four day Charrette, the design team and community partners listened to the public, analyzed the site, developed "buy in" from the community who's lives will be impacted by this park development. Attendees heard from representatives of the engineering, architecture, landscaping, and art organizations working on the Bloomingdale Trail Framework Plan. A question and answer session followed the presentation, giving community members the opportunity to react to and discuss the outline of the Bloomingdale Trail Framework Plan.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION ( <i>City and State</i> )	(3) ROLE
	<b>ROSS BARNEY ARCHITECTS</b>	<b>CHICAGO, ILLINOIS</b>	<b>ARCHITECT</b>

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the Contracting Authority, or a maximum of 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER (1 – 10)  
**3**

21. TITLE AND LOCATION <i>(City and State)</i> <b>LIBRARY WEST ADDITION AND RENOVATION</b> THE UNIVERSITY OF FLORIDA Gainesville, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2004-2007	CONSTRUCTION (if applicable) 2007

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER University of Florida	b. POINT OF CONTACT NAME Dale Canelas, Former Library Director Bahar Armaghani, Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER P 352.377.5716; E <a href="mailto:dcanelas@ufl.edu">dcanelas@ufl.edu</a> P 352. 294-0080 <a href="mailto:barmagh@ufl.edu">barmagh@ufl.edu</a>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



The main objective of the project was to create a state-of-the-art library that holds 1.7 million volumes, seats approximately 1600 patrons, and houses the library staff in a healthy and productive environment. The project included the construction of a three-story, 60,000 square foot addition, and renovation of the existing 117,000 square foot distributed on six floors.

Library West at the University of Florida is located on University Avenue in Gainesville. The design concept provides a north facade transparent enough that activity and books can be seen from vehicular and pedestrian traffic on this major Gainesville artery. This design strategy emphasizes the building's essential purposes, as well as presenting a welcoming presence to the community. A transparent glass exterior wall at the first and second floors provides visual connection at the main entrance and creates a powerful connection between the library and the Plaza of the Americas.

Mobile compact shelving was an integral part of the strategy to achieve project goals. The compact shelving, housed in the addition, is available to the general library users. The concept uses the available space efficiently for the proposed number of volumes while freeing up most of the remaining space for patron seating. The existing first floor is devoted to compact shelving since the slab-on-grade can support such high loads. This strategy proved cost effective since it eliminated the need to structurally alter the existing building.

Though not an obviously "green" building, the project was carefully planned and designed using the LEED rating system and incorporates many sustainable strategies, such as specifying environmentally friendly materials and energy efficient building systems. The project was awarded a LEED Gold certification.

**RELEVANCE**

- On Budget/On Schedule
- LEED Gold Certified /Energy efficient design
- Award winning/Iconic Design
- Addition to historic building
- State of the art integrated technology
- Collaborative design process-included students, faculty, staff
- Welcoming to local Community
- Light filled reading/study spaces
- Automated book storage /retrieval system
- Demonstrates ability to work effectively in Florida with Long and Associates
- Understanding of Florida climate
- Work completed while library in full operation/phased construction
- Collaborative learning spaces/ Flexible spaces with technology infrastructure; open 24/7
- Signage/Wayfinding
- Carol Ross Barney, FAIA, Lead Design Architect





**Awards**

First Place, Architectural Showcase, Winter, FEPA 2007. Outstanding Buildings: Renovation/Modernization AM School and University Architectural Portfolio, 2007. Learning by Design Magazine 2007. Honorable Mention, Excellence in Design, Environmental Design + Construction Magazine 2007. Technology Awards, Existing Institutional Building, ASHRAE- Region XII 2006-2007. Outstanding Masonry Project, Masonry Association of Florida 2006

**Project Budget:** \$24,247,000

**Actual Construction Amount:** \$24,549,010

**Original/Actual Project Schedule:** 2007/2007

**Program:** 60,000 sf addition/117,000 sf renovation

**Team:** Long and Associates, Architect of Record; Ross Barney Architects, Design Architect.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	LONG AND ASSOCIATES ROSS BARNEY ARCHITECTS	TAMPA, FLORIDA CHICAGO ILLINOIS	ARCHITECT OF RECORD DESIGN ARCHITECT

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the Contracting Authority, or a maximum of 10 projects, if not specified. Complete one Section F for each project.)*

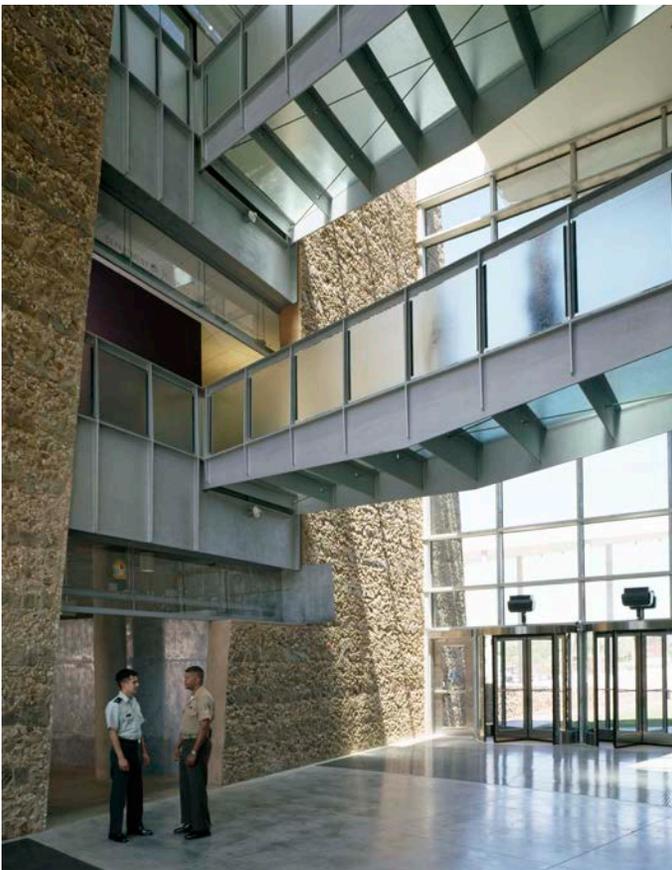
20. EXAMPLE PROJECT KEY NUMBER (1 – 10)  
**4**

21. TITLE AND LOCATION <i>(City and State)</i> <b>Oklahoma City Federal Building</b> Oklahoma City, Oklahoma	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 1997 - 2005	CONSTRUCTION (if applicable) 2005

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER General Services Administration	b. POINT OF CONTACT NAME Tim Thury, Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER 817.978.4315
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



**RELEVANCE**

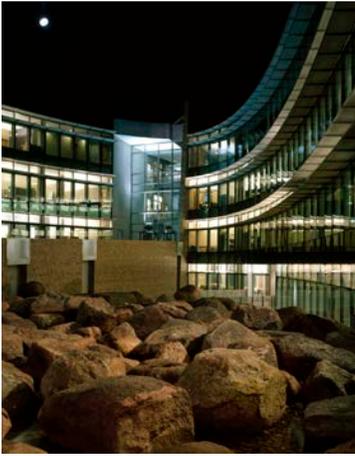
- On Budget/On Schedule
- Iconic Design/Federal DESIGN EXCELLENCE Program
- Designed using Government regulations and standards
- Demonstrates ability to work nationwide
- Energy efficient high performing building/ Sustainable Design (Designed for LEED Silver) Expanses of glass are oriented N, NE, NW with shading elements
- Designed for Workplace Productivity
- Cost Effective/Innovative Design \$185/sf (the only federal project that year on budget)
- Blast Design AND Level IV Federal Security Design Criteria
- Designed with input from victims of terrorist attack
- Integrated security features; perimeter walls, bollards, ensures openness and security
- Site Planning to accommodate future expansion
- Catalyst for economic revitalization
- GSA Art in Architecture program
- Located on urban site, adjacent to bombed Murrah Federal Building
- Carol Ross Barney, FAIA, Lead Design Architect

The new Federal office building replaces the space lost in the 1995 bombing of the Murrah Federal Building. The design concentrates on the resolution of two disparate needs: security in the wake of the terrorist attack and transparency for our free and open government. This is most evident in the juxtaposition of the ruggedly strong cast in place concrete bearing walls and the delicate structurally glazed curtain wall.

The 185,000 square foot multi tenant office building is constructed on a two city block site, one block north and west of the former Alfred P. Murrah Federal Building. Tenants included some of the agencies that were housed in the Murrah Building the day of the bombing. The new building was constructed within the \$40 million budget.

A transition zone between the Central Business District and the North Downtown neighborhood of Oklahoma City, this long neglected part of the city is filled by surface parking lots and devoid of green space. By leaving NW 7<sup>th</sup> Street open through the site, the grid of the historic city is preserved, encouraging pedestrian and vehicular traffic, creating active street life and a sense of community. To mitigate the sense that the building is a fortress, the perimeter is secured by bollards that are hidden in prairie grasses or function also as walkway lighting.

The northern block is dedicated to a new legacy park, shaped to recall Native American "stomps".



In the aftermath of the Murrah bombing, the GSA rewrote security and blast mitigation guidelines. The concrete bearing wall structure was selected for the ability to resist progressive collapse. Glass is laminated with a structural inter layer and silicone glazed to exposed galvanized steel mullions to create a delicate and blast resistant curtain wall.

To allow citizen access from both North and South, the main public lobby is outside of security. New details and techniques for stone setting were developed by the design team and used to create the distinctive one foot thick blast resistant walls of native Oklahoma river rock that separate the public and tenant spaces. Security lobbies are enclosed with one inch thick, curving metalized steel plates that emphasize how the relationship of mass to strength changes by material. Glass bridges, also blast resistant, connect tenant spaces across the lobby to complete the comparison.

Sustainable design initiatives and workplace productivity are maximized and include day lighting and ergonomics. Most expanses of curtain wall in the building are oriented to the north, northeast, and northwest and have shading elements to limit the impact of western summer sun. The shading devices double as light shelves to enhance the full day light harvest system that was included in the design. The south facing curtain wall is protected with a combination of shading elements and a deep roof overhang. Tenant areas are served by an under floor air distribution system (UFAD) which provides individual control and comfort. The building was designed to receive a LEED Silver Rating.

The Art in Architecture component of the building incorporates a water feature that acts as an additional security barrier. A dining peninsula for building occupant is suspended in the modern day moat. The boulders for this fountain were farmed from an Oklahoma Buffalo ranch. A different Artist installed 46 star sculptures around the site, commemorating Oklahoma as the 46th of the United States of America. This new facility is about the future, seeking to reunite the federal community and stand as a symbol of stability, openness and freedom.



**Project Budget:** \$32,250,000  
**Actual Construction Amount:** \$31,223,000  
**Original/Actual Project Schedule:** 2002/2005-Owner directed scope changes prolonged schedule  
**Program** 185,000 sf federal office building  
**Team;** Ross Barney Architects, Design Architect; The Benham Group, Engineer and Architect; Sasaki, Landscape Architect

**Awards / Publications**

2006 General Services Administration Design Award. 2005 Interior Architecture Award, American Institute of Architects Chicago. 2005 Divine Detail Award, American Institute of Architects, Chicago. 2004 Sustainable Design Award, American Institute of Architects Chicago. GSA White Book, "Oklahoma City Federal Building", U.S. General Services Administration, 2004. "Civic Action...Nine New Buildings", Hinge Magazine, Volume 133, 2006. Jane C. Loeffler, "Mission Accomplished: Oklahoma City's new Federal Building combines security and openness in a superior way", Architectural Record, October 2004. Charles Leroux, "The Peoples Architect: Structural Integrity", Chicago Tribune Magazine, May 30, 2004. Blair Kamin, "Can architects combine armor and aesthetics?", Chicago Tribune, May, 2004. Ray Smith, "The Aesthetics of Security, Wall Street Journal, February 19, 2003. Chuck Salter, "Built Brave", Fast Company Magazine, February 2002. Sara Hart, "Oklahoma City gets a new federal building", Architectural Record December, 2000. Cheryl Kent, "A Safer Federal Building for Oklahoma City", New York Times, August 22, 1999. Jerry Adler, "Keeping Bombers at Bay", Newsweek Magazine, May 11, 1998. Blair Kamin, "The Murrah Building's Replacement: In Search of a Secure Place", Architectural Record Magazine, June 1998. Ned Cramer, "Federal Campus, Oklahoma City, OK", Architecture, June 1999. "Federal Campus, Oklahoma City, OK", Architectural Record, June 1999. Blair Kamin, "Balancing architecture and a fear of terrorism", Chicago Tribune, March 23, 1997.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	<b>ROSS BARNEY ARCHITECTS</b>	<b>CHICAGO, ILLINOIS</b>	<b>ARCHITECT</b>

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the Contracting Authority, or a maximum of 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER (1 – 10)  
**5**

21. TITLE AND LOCATION (City and State) <b>SOUTH CAMPUS CENTRAL CHILLER PLANT</b> <b>OHIO STATE UNIVERSITY</b> Columbus, Ohio	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009-2013	CONSTRUCTION (if applicable) 2013

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Ohio State University	b. POINT OF CONTACT NAME Bernard Costantino, AIA	c. POINT OF CONTACT TELEPHONE NUMBER 614.292.4458; <a href="mailto:costantino.6@osu.edu">costantino.6@osu.edu</a>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)



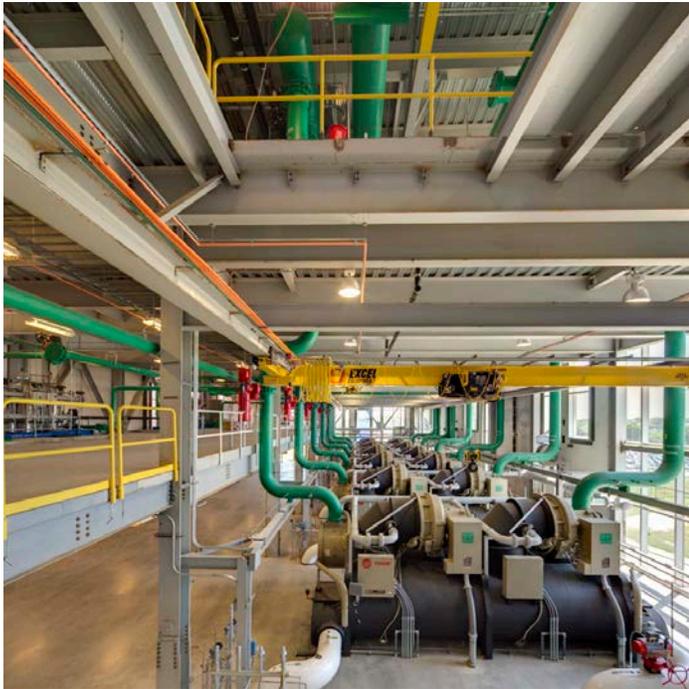
**RELEVANCE**

- Sustainable Design/LEED SILVER Certified
- Institutional Client/Campus Icon
- Utilized BIM, Building Information Modeling
- Demonstrates ability to work successfully nationwide
- Accurate project Budgeting/Scheduling
- Industrial Building/Icon at Campus entry
- Displays sun's energy on exterior through use of dichroic glass fins
- Energy and water conservation driven
- Under Budget/On Schedule/Accurate project budgeting
- Cost Effective Design; allowed University to spend more money on chiller equipment
- Informal partnering with Team and contractor
- Durable, no maintenance materials
- Modular design-precaster concrete panels
- Visibly Sustainable; displays sun's energy on exterior through use of dichroic glass fins
- Energy and water conservation driven
- Under Budget/On Schedule/Accurate project budgeting
- Cost Effective Design; allowed University to spend more money on chiller equipment
- Informal Partnering with Team and contractor
- Institutional Client / Unusual Building
- Iconic marker at campus entry
- Durable, no maintenance materials
- Carol Ross Barnev. FAIA. Lead Design Architect



The Ohio State University South Campus Central Chiller Plant is an iconic marker at a major entry and pathway into campus and provides the Medical District of The Ohio State University with a long term, efficient and sustainable solution for chilled water production and distribution.

Conceived of as a "House for Energy," the LEED Silver Certified building, has an envelope that showcases the energy-efficient chiller equipment inside and records the sun's energy on the exterior. Glazed openings are specifically located to frame views of the chiller equipment, and dichroic glass fins and boxes change in color with the movement of the sun and cast color-changing shadows onto modular precast concrete wall panels that have been polished to a high sheen. The result is a dynamic façade that changes with the time of day, season and the location of the observer.



Functionally, the facility minimizes the visual, noise and vibration impact of large equipment: chillers, cooling towers, transformers and generators. The plant provides 30,000 tons of chilled water for the adjacent medical center facilities and will accommodate future campus cooling demands. To increase reliability, the plant has been equipped with an emergency power source to provide chilled water for critical operations during power outages.

**Awards/Publications**

World Architecture Festival, Finalist 2014, Energy Production Category. AIA Chicago, Distinguished Building Award, 2014. World Architecture News, Concrete in Architecture, Finalist 2014. PCI Design Awards, Custom Solution, 2014. ‘First Glass’ OSU South Campus Central Chiller, The Architects Newspaper, 12.12.2013, Chris Bentley. “Ross Barney’s Colorful Ohio State Chiller Plant”, The Architect’s Newspaper, 8.23.2013, Chris Bentley. “Ross Barney Architects complete large-scale Chiller Plant”, World Architecture News, 8.9.2013. “Ohio State University’s Psychedelic New Chiller Plant Earns LEED Silver Certification”, Inhabitat, by Bridgette Meinhold, 09.12.2013. World Architects-Review, OSU South Campus Central Chiller, by John Hill, 2013. “r\_b arc designs modular water chiller plant at OSU”, DesignBoom, 7.18.2013. “South Campus Chiller Plant at OSU / Ross Barney Architects”, ArchDaily, 8.1.2013. “Striking Building for the New Chiller Plant for Ohio State University”, DesignLike, 8.10.2013. “Chill, Baby, Chill”, Chicago Architect, Denis Rodkin, 5/6-2011, “Unveiled: OSU’s Chiller Plant” Alan Brake, The Architect’s Newspaper, 9.2010. World Architecture News, “The Big Freeze”, May 2011.

**Project Budget:** \$50,000,000

**Actual Construction Amount:** \$61,700,000-Owner added additional chiller equipment/architecture under budget

**Original/Actual Project Schedule:** 2013/2013

**Program** 95,750 sf, 30,000 tons chilled water

**Team;** Ross Barney Architects, Design Architect; Champlin Architecture, Architect of Record; RMF Engineering

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

<p>a. (1) FIRM NAME <b>ROSS BARNEY ARCHITECTS</b></p>	<p>(2) FIRM LOCATION <i>(City and State)</i> <b>CHICAGO ILLINOIS</b></p>	<p>(3) ROLE <b>DESIGN ARCHITECT</b></p>
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**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the Contracting Authority, or a maximum of 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

**6**

21. TITLE AND LOCATION *(City and State)*

**UNIVERSITY OF MINNESOTA DULUTH  
SWENSON CIVIL ENGINEERING BUILDING**  
Duluth, Minnesota

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2008-2010

CONSTRUCTION (if applicable)  
2010

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

University of Minnesota - Duluth

b. POINT OF CONTACT NAME

Dr. Kathryn Martin, Chancellor Emerita  
Dr. James Riehl, PhD

c. POINT OF CONTACT TELEPHONE NUMBER

p. 218-726-7952, e.kmartin3@d.umn.edu  
p. 218-726-6397; e.jpriehl@d.umn.edu

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

**RELEVANCE**

- LEED Gold Certified/Sustainable/AIA COTE Top Ten Project /EcoStructure Evergreen Award
- Building information modeling (BIM)
- Under Budget/On Schedule
- Iconic/Puts Civil Program on Display
- Demonstrates ability to work nationwide
- Pre-Design/Concept Study/Programming/ Renderings/Cost Estimates
- Integrated Sustainable Design /Underfloor air distribution/ "green" landscape with vegetative roof, permeable pavement, French Drain System; Abundant Daylight
- Academic Instructional and Research Laboratories
- Faculty offices located adjacent to labs to promote interaction and collaboration
- 186 foot laboratory for experiments/Local professionals utilize building
- Incorporates Art in Architecture
- Local professionals utilize building
- Integrates with Campus plan; creates new Gateway
- Lead Design Architect, Carol Ross Barney, FAIA

We started by asking, "What do they need to learn as engineers, and what forces do they need to control?" And in that spirit, a new building for the Civil Engineering program at UMD is designed to teach students about materials, how they go together, how they age, and how they express the forces inherent in any structure.

Civil engineers design infrastructure to move water, to move traffic, to hold back the earth, to span long distances. In this part of Minnesota, civil engineers are particularly occupied with mining in the state's Iron Range, where iron ore is extracted. These aspects of professional focus and the special features of this region led the team to design an engineering building that couldn't be anywhere else, for any other discipline.

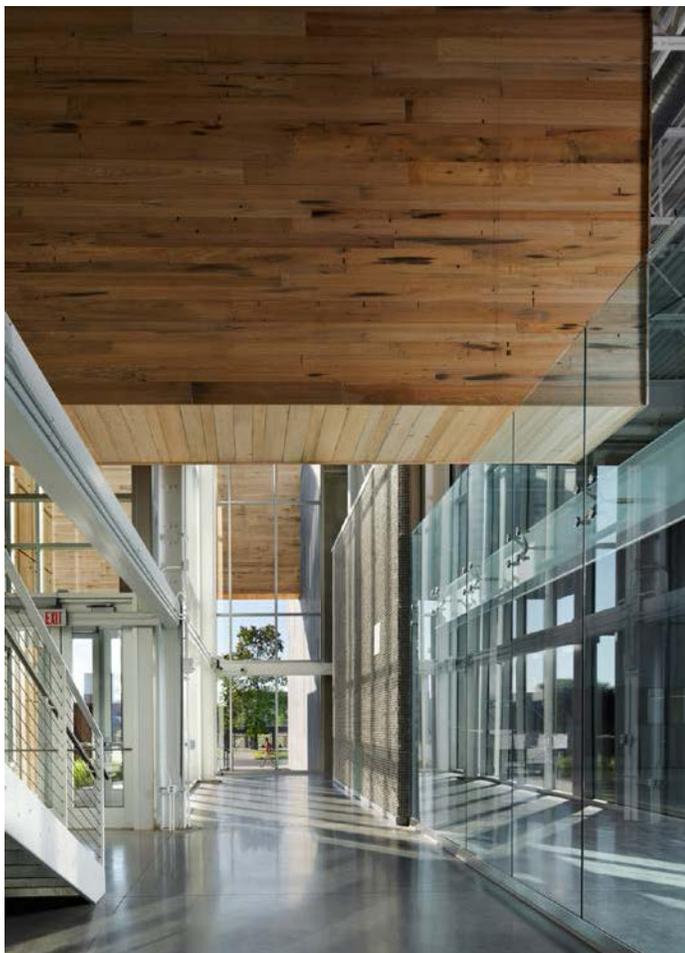
The exterior expresses the traits of a place where students design, construct, and test structures to withstand stresses and strains. The elevations are distinguished by Cor-Ten steel, precast and poured-in-place concrete, concrete block, and scuppers clad in reclaimed wood. Steel road plate is used for the building's exterior walkways. Cor-Ten extends inside the building, allowing students to see how the material responds to different environmental conditions.

The raw material from which iron ore is extracted is called taconite — a grayish, silica-rich rock found in abundance in the region.



**Awards / Publications**

2013 AIA Cote TOP TEN Green Project Award, 2013 SustainABILITY Design Award, AIA Chicago. 2012 Evergreen Award for New Construction, *Eco-Structure Magazine*. 2012 American Architecture Award, The Chicago Athenaeum Museum of Architecture and Design. 2011 Annual Design Review; Grow Citation, *Architect Magazine*. 2011 AIA Chicago, Distinguished Building Award, Honor Award. Cover Photo; *Chicago Architect* magazine, October 2011. Architecture Week, "Study in Engineering", Michael Crosbie, August 24, 2011. *Architect Magazine*, "Design: James I Swenson Civil Engineering Building", Vernon Mays, March, 2011. 2011 AIA Committee on Architecture for Education, Design Awards, Award of Merit. 2011 Architype Review: Sustainability Issue, Volume 5, Number 4. SCUP Awards, Special Citation 2011. Architecture Minnesota, "Large Scale Learning Model", Ann Klefstad, January/February 2011. MCA, Awards of Excellence, Merit Award. 2010 Midwest Construction, "Best of Award for Higher Education"



The Hydrology Lab and Structural Lab are two story areas that require ceiling heights of 25+ feet and are located on the ground level. Classrooms and faculty offices are located on the second level. The new Swenson building connects to the existing Voss Kovach Hall adjacent to the main entrance of the older structure. The Link, a one story glazed corridor, provides an additional connection between the old and new buildings.

Using exterior materials that are consistent with other existing campus buildings and using locally available materials from excavation and mining in the area, the building maintains a connection to the campus and to the regional economy.



**Project Budget:** \$11,518,000  
**Actual Construction Amount:** \$12,100,000  
**Original/Actual Project Schedule:** 2010/2010  
**Program** 35,000 sf teaching laboratory  
**Team:** Ross Barney Architects, Design Architect; Stanius Johnson, Architect of Record; Oslund Associates, Landscape Architect

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION ( <i>City and State</i> )	(3) ROLE
	<b>ROSS BARNEY ARCHITECTS</b>	<b>CHICAGO, ILLINOIS</b>	<b>ARCHITECT</b>

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER <b>7</b>
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21. TITLE AND LOCATION <i>(City and State)</i> <b>Strawberry Crest Master Plan &amp; New High School</b> Dover, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2007</b>	CONSTRUCTION <i>(If applicable)</i> <b>2009</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER School District of Hillsborough County	b. POINT OF CONTACT Mr. John Williams, Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER (813) 272-4570
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Project Size: 270,000 sf 18 buildings  
Project Cost: \$64,895,440

Long & Associates was charged with creating a Master Plan for this 105-acre site that organized 3 distinct campuses to include a new elementary school, middle school, and high school. The master plan provides for a major controlled entry point as well as shared used of facilities and utilities. The stormwater and utility design includes a 9,590 sf building and chiller yard with shared retention, fire water, and potable water among all 3 schools.

Intended as a prototype, this 270,000 gsf 2-story secure campus high school is sited on 57 acres. Educational facilities include 2,500 student stations, special use classrooms, agriculture labs, a media center, computer labs, food service and dining, gymnasium, auditorium, music suite, administration suite, and general storage. Athletic facilities include a football stadium, baseball, softball, track and tennis courts.

The design incorporates EHPA (Enhanced Hurricane Protection Area) and "green" design strategies and was designed and documented through all phases of the work with the aid of the latest REVIT Building Information Modeling (BIM) technology.

The modeling process helped the A/E/CM team manage costs and provide the highest possible project quality for the project. Exterior and interior renderings from the BIM helped the Owner visualize and buy-into the design. The A/E team coordinated use of BIM information with the D-profiler software used by the CM for preconstruction services.

*"... every space in this school is well designed."*  
- Judges, Citation of Excellence Award, Learning by Design, Spring 2010

**Awards**

- Honor Award for Architecture, AIA Tampa Bay, Institutional Category 2011
- Exhibition of School Architecture, National School Board Association 2011
- Green Building of America Award, Real Estate & Construction Review 2010
- Citation of Excellence Award, Learning by Design Magazine 2010
- Community Design Award, Hillsborough Co Planning Commission, Institutional Category 2010
- First Place, Architectural Showcase, FEPA 2010
- Featured Project, Design Cost Data Magazine 2010
- NAIOP Best of the Best Award, Outstanding Special Use Building Public Sector Category, Tampa Chapter 2009



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>LONG &amp; ASSOCIATES ARCHITECTS/ENGINEERS, INC.</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Architecture / Mechanical-Electrical-Structural-Civil Engineering & Construction Administration
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<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION <i>(City and State)</i> <b>GE Energy Management Manufacturing Center of Excellence (COE)</b> Clearwater, Florida (Pinellas County)		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2014 CONSTRUCTION <i>(If applicable)</i> : 2015
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER GE/Instrument Transformers, Inc.	b. POINT OF CONTACT Mr. Ray Penkalski, Facilities Manager	c. POINT OF CONTACT TELEPHONE NUMBER (727) 298-2066

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Project Size: 188,000 sf  
 Project Cost: \$21,396,000

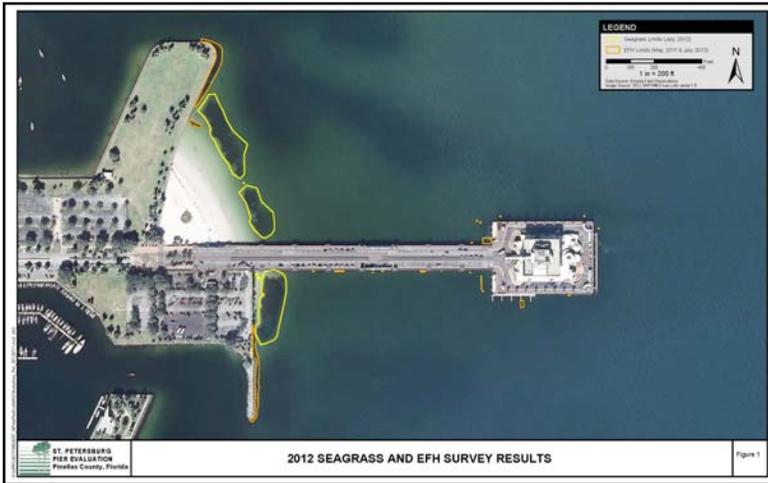
The Manufacturing Center of Excellence for GE Energy Management is the addition of 3 new product lines to the existing Instrument Transformers, Inc. campus in Clearwater, Florida. In addition to the existing on-site operation, this new 188,000 SF building consolidates these new product lines into a new, large manufacturing space and includes 24,000 SF of associated office space.

Sitting on 17.74 acres of land, this new project redevelops the southern two thirds of the site that is currently used for parking. A Master Plan was developed to maximize parking, internal site access and manufacturing process efficiency. Aside from maintaining day-to-day site functionality, additional site constraints for this project included existing grades and drainage issues, contaminated soils and limited quantities of suitable soil on-site, various buildings slated for demolition, and an existing creek effectually bisecting the site. Once phasing of the entire Master Plan was completed, a portion of the creek was mitigated.

The facility's main entry and atrium is designed as an inviting beacon for important visitors and clients. A simple, modern architectural gesture extends out from the west building façade to reflect GE's character and "clean" corporate aesthetic. A large cantilevered canopy covers the main lobby and employee entrances. Inside the atrium, daylight is maximized, while at the same time minimizing mechanical requirements by the use of low-e coated and reflective glazing. The 2-story atrium houses a monumental stair to accommodate visitors and offer access to the large, common break room, multiple conference rooms, public toilets and office areas. With no direct access to the plant from the atrium, another stair from the second floor lobby allows for access and creates a nice visual corridor out to the open manufacturing space on the first floor.



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
a. (1) FIRM NAME <b>LONG &amp; ASSOCIATES ARCHITECTS/ENGINEERS, INC.</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Architecture / Mechanical-Electrical-Structural-Civil Engineering & Construction Administration

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>9</b>
<b>21. TITLE AND LOCATION (City and State)</b>		<b>22. YEAR COMPLETED</b>
Saint Petersburg Pier Environmental Support Services Pinellas County, Florida		Professional Services 2013 Construction (if applicable)
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b>	<b>b. POINT OF CONTACT NAME</b>	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b>
City of Saint Petersburg	Michael Herrman Moffatt & Nichol Engineers, Inc.	813.251.8818
<b>BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>		
<p>Scheda's staff coordinated with the project engineer and the City's architect to review the pier replacement options, to assess the ecological ramifications and potential impacts of each submitted design. The selected design option was then further assessed in the field and a report generated summarizing the ecological impacts of that particular design.</p> <p>Scheda biologists then performed a detail infield investigation of the areas surrounding the existing pier footprint to assess the presence of seagrass resources as well as Essential Fish Habitat (EFH) communities. These natural resources were delineated and quantified in a summary report.</p> <p>Scheda staff also assisted with the permitting of the demolition of the pier superstructure. In addition, the identification of beneficial reuse options for the anticipated excess concrete material was also performed. The shoreline along the Albert Whitted Airport was one of the identified sites that could benefit from the placement of this excess material along the eastern shoreline to provide bank stabilization and interstitial habitat for encrusting organisms. Scheda's staff assisted with permitting of the demolition of the pier material as well as the placement of this material at the airport.</p> <p>We also coordinated with the United States Army Corps of Engineers (USACE) and National Marine Fisheries Service (NMFS) to facilitate the overall permitting process.</p> <p>Project Value: \$12,733.00</p>		
		

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  <b>10</b>
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21. TITLE AND LOCATION (City and State) <b>Roosevelt Island Tramway</b> <b>Roosevelt Island, NY</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2006</b>	CONSTRUCTION (If applicable) <b>2010</b>

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER <b>Roosevelt Island Operating Corporation</b>	b. POINT OF CONTACT <b>Michael Moreo</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(212) 832-4540</b>

The Roosevelt Island Tramway was a double reversible system with two 125-passenger cabins that had provided urban transit from Roosevelt Island to Midtown Manhattan since 1976. ESG staff members provided system review and modernization services for several years prior to providing the preliminary and final design procurement and implementation services for the modernization of the tramway. That project has resulted in a major renovation of the system with the new system operation started in November 2010. As part of the system review, the organization of the operations and maintenance staff was analyzed. The system's operation and maintenance are provided under a contract to an independent firm and is a significant expense. Therefore, oversight of the O&M contract to assure compliance with the safety regulations was essential to the owner. The project included a review of the operating cost history, staffing levels, contracting and management options, and development of cost proforma for future operations. Review of the staffing and operating modes for the new system under construction is ongoing.



#### Key Project Elements

- Condition assessment of existing towers and stations
- Total system replacement with two parallel systems on the same towers
- Review and recommendations for staffing and operational organization
- System conditioning
- Strain gauge testing and analysis program for carrier
- Cost estimates and feasibility for system replacement
- Resource and proforma analysis
- Quality assurance program for compliance with ANSI B77
- Design, procurement and implementation for system replacement
- Development and coordination of evacuation plan

#### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Engineering Specialties Group, An SCJ Alliance Company</b>	(2) FIRM LOCATION (City and State) <b>Westminster, CO</b>	(3) ROLE <b>Preliminary Analysis, Design, Engineering, Construction Administration, O&amp;M</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

# ST. PETERSBURG PIER LANDMARK/LIVING ROOM

Team Background and Experience



# story\_

Ross Barney Architects have been dedicated to design excellence for over 33 years.

Ross Barney Architects strives to improve the built environment and believes that design should capture a contemporary vision of today's society. Our firm enjoys an international reputation for work primarily in the field of institutional and public buildings that include park buildings, religious buildings, libraries, higher education, schools and early childhood education, government, and transit infrastructure.

Our working style is extremely collaborative with communications structured to allow the maximum creative contribution from team members. Our clients are integral to the team. Since the majority of our commissions are for public use, we are very experienced working on site in public process and forum during design. Our approach begins with a concentrated effort to understand the site and the community in which we are working.

The firm regularly offers pro bono services to community organizations, including the Iron Street Farm, Children's Home and Aid Society of Illinois, and the Young Women's Leadership Charter School of Chicago. Employees are encouraged to make individual contributions and commitments to civic and professional organizations.

Our buildings have received significant design awards, honors and recognitions, including four Institute Honor Awards from the American Institute of Architects and over thirty awards from AIA Chicago. The JRC Synagogue received a LEED Platinum rating and was recognized as one of the AIA Committee on the Environment's (COTE) Top Ten Green Projects for 2009. The UMD Civil Engineering building was awarded a 2013 COTE Top Ten Green Project and was the 2012 Evergreen Award from EcoStructure magazine. Our firm was the recipient of the American Institute of Architects Illinois, 2000 Firm Award. We have received regional, national and international awards and are testament of the quality of design and documentation. Our commitment is to provide innovative design to benefit clients program and budget. Awards are the result of this commitment.

The make up of our 25 person staff is a reflection of our belief that diversity is a desirable element in the design studio. Women compose 50% of our employees, ethnic minorities are approximately 30% (the remainder are very sensitive modern males.)

# awards\_

2014

**World Architecture Festival, Production Energy and Recycling, Shortlist** OSU South Campus Chiller  
**AIA Chicago, Distinguished Building Award** OSU South Campus Chiller  
**World Architecture News, Concrete in Architecture, Finalist** OSU South Campus Chiller  
**Friends of Downtown, Best Plan** Chicago Riverwalk  
**Urban Land Institute, Vision Awards Finalist** CTA Morgan Station  
**Architizer A+ Award, Finalist, Transport** CTA Morgan Station  
**PCI Design Awards, Custom Solution** OSU South Campus Chiller

2013

**World Architecture Festival, High Commendation, Transport** CTA Morgan Station  
**AIA Chicago, SustainABILITY Honor Award** UMD James I Swenson Civil Engineering Building  
**AIA Chicago, Divine Detail, Honor Award** CTA Morgan Station  
**Architect Magazine, The Architect 50** Ranked #18 Design  
**AIA/COTE Top Ten Green Projects** UMD James I Swenson Civil Engineering Building  
**LEED Silver Certification** OSU South Campus Central Chiller  
**LEED Gold Certification** U Chicago Child Development Center  
**Drexel Friends of Downtown, Best of**

**Downtown Awards Finalist** CTA Morgan Street Station  
**Chicago Building Congress Merit Awards Finalist** CTA Morgan Street Station

2012

**Chicago Architecture Foundation, Patron of the Year** CTA Morgan Street Station  
**AIA Chicago, Distinguished Building Award** CTA Morgan Street Station  
**AIA Chicago, Sustainability Leadership Award** Iron Street Farm Feasibility Study  
**AIA Chicago, Divine Detail Award** Chicago Riverwalk Underbridge Canopy  
**Eco Structure, Evergreen Awards** UMD James I Swenson Civil Engineering Building  
**American Architecture Award** The Chicago Athenaeum Museum and Design Center UMD James I Swenson Civil Engineering Building  
**Architect Magazine, The Architect 50** Ranked #44  
**Friends of Downtown Best Public Amenity Renovation** Grand/State Red Line Subway Station

2011

**Architect Magazine, Top Ten Sustainable Firms**, Ranked #3  
**Architect Magazine, The Architect 50** Ranked #32  
**Architect Magazine, Annual Design Review, Grow Citation** UMD James I Swenson Civil Engineering Building  
**AIA Chicago, Distinguished**

**Building Award, Honor Award** UMD James I Swenson Civil Engineering Building  
**AIA Chicago, Distinguished Building Award, Citation of Merit** CTA Fullerton and Belmont Stations  
**AIA Committee on Architecture for Education, Award of Merit** UMD James I Swenson Civil Engineering Building  
**Brick Industry Association, Bronze Medal** Washington University Early Childhood Learning Center  
**THEA Award, You!** The Experience, Museum of Science and Industry  
**SCUP Awards, Special Citation** UMD James I Swenson Civil Engineering Building  
**Chicago Building Congress, Merit Award Finalist** CTA Fullerton and Belmont Stations  
**MCA, Awards of Excellence, Merit Award** UMD James I Swenson Civil Engineering Building

2010

**AIA Chicago, Distinguished Building Award** Chicago Riverwalk  
**Waterfront Center Honor Award, Excellence on the Waterfront** Chicago Riverwalk  
**Architect Magazine, Annual Design Review, Move Citation** Chicago Riverwalk  
**Design Evanston Award** Jewish Reconstructionist Congregation Synagogue  
**AIA Illinois Awards, Frank Lloyd Wright**

**Award** Oakton Community College Art, Science & Technology Pavilion  
**Midwest Construction, Best of Award, Higher Education** UMD Civil Engineering  
**Chicago Landmarks Commission, Preservation Excellence Award** 99<sup>th</sup> St. Metra Station and Chicago Riverwalk  
**Friends of the Chicago River, Blue Ribbon Awards** Chicago Riverwalk  
**Chicago Building Congress, Merit Awards** U of C 61<sup>st</sup> Drexel Parking/Office  
**Chicago Building Congress, Merit Awards**, Chicago Riverwalk  
**Friends of Downtown, Best New Open Space** Chicago Riverwalk  
**GNMAA Development of the Year** Chicago Riverwalk

2009

**Chicago Architecture Foundation Patron of the Year Award** Chicago Riverwalk, Chicago Department of Transportation  
**Best of 2009 in Architecture, Chicago Tribune** Chicago Riverwalk  
**Midwest Construction, Best of 09 Awards**, Chicago Riverwalk  
**World Architecture Festival, High Commendation Community Buildings** Jewish Reconstructionist Congregation  
**AIA/COTE Top Ten Green Projects** Jewish Reconstructionist Congregation



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Carol Ross Barney, FAIA</b>	13. ROLE IN THIS CONTRACT <b>LEAD DESIGN ARCHITECT</b>	14. YEARS OF EXPERIENCE	
		a. TOTAL <b>43</b>	B. WITH CURRENT FIRM <b>33</b>

15. FIRM NAME AND LOCATION (*City and State*):  
**Ross Barney Architects, Chicago, Illinois**

16. EDUCATION ( <i>DEGREE AND SPECIALIZATION</i> ): Bachelor of Architecture 1971 Francis J. Plym Traveling Fellowship, University of Illinois at Urbana/Champaign, 1982. Master of Architecture Program	17. CURRENT PROFESSIONAL REGISTRATION ( <i>STATE AND DISCIPLINE</i> ) Architect-Illinois 1974, Oklahoma 1997, Ohio 1998, Missouri 2000, Michigan 2002, 2006 Indiana, Wisconsin 2003, Arizona 2003, Minnesota 2003, Texas 2003 2003 Florida, 2004 Pennsylvania, N.C.A.R.B. Certificate 1978
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18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)  
Founder and President, Carol Ross Barney is responsible for the design excellence of all projects undertaken by the firm. Ross Barney Architects (*r\_barnc*) has a record for design excellence for unusual and difficult challenges. Carol has designed state of the art facilities for local and federal governmental clients that have become icons in their communities. Carol's design approach emphasizes the innovative, economic and functional solutions to each design challenge. Carol is the recipient of the American Institute of Architects 2005 Thomas Jefferson Award for Public Architecture recognizing excellence for a career of architectural achievement. Throughout her career, her work has received significant honors and awards including 4 Institute Honor Awards from the AIA, over 30 AIA Chicago design awards, two AIA COTE TOP TEN Awards from the AIA and the 2012 EcoStructure, Evergreen Award. She will bring her knowledge of working with institutional and governmental clients with limited capital resources. Carol's experience includes;

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION ( <i>City and State</i> )	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION ( <i>If applicable</i> )
a.	<b>Chicago Riverwalk</b> Chicago Department of Transportation, Chicago, Illinois	<b>2005-Ongoing</b>	<b>2009, and Under Construction</b>
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The new Chicago Riverwalk is a major public amenity extending from Michigan Avenue West to Lake Street. The first phase completed in 2009 is from Michigan Avenue to State Street. The next phase is under construction and offers a mix of concessions and public activities. The state of the art amenity for visitors, joggers, strollers, workers and friends of the River is a mix of activities, concessions, fishing, boating, kayaking, people watching, dining and getting close to the water. Carol is the <b>Lead Designer</b> of the Riverwalk.		
b.	<b>Bloomington Trail Framework Plan</b> Chicago, Illinois	<b>2011-2012</b>	n/a
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Bloomington Trail and Park framework plan includes design guidelines for the conversion of an one hundred year old elevated railroad right-of-way into an elevated park and trail for recreational activities. The guidelines cover everything from connections to existing neighborhoods and the relationship to adjacent parks, as well topographic variation and programming for the elevated portion. Carol was the Lead Design Architect for the Bloomington Trail Framework Plan.		
c.	<b>Ohio State University</b> <b>South Campus Central Chiller Plant</b> , Columbus, Ohio	<b>2010-2011</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design of a new 58,000 square foot chiller plant that will service new and existing medical buildings on the campus of Ohio State University. The ultimate capacity of the Chiller Plant will be 30,000 tons of chilled water and the entire new medical campus will receive a <b>LEED GOLD</b> certification. Carol was the Lead Design Architect of this project.		
d.	<b>Oklahoma City Federal Building</b> , Oklahoma City, Oklahoma	<b>1997-2005</b>	<b>2005</b>
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Carol was the <b>Lead Designer</b> for the OKC Federal Building within the GSA's <b>DESIGN EXCELLENCE</b> program. The 185,000 square foot, \$34 million federal office facility includes common cafeteria, conference center and fitness center. This high profile facility was designed to receive a <b>LEED SILVER</b> rating and sustainability, workplace productivity and security are maximized.		
e.	<b>James I. Swenson Science Building and Swenson Civil Engineering Building</b> , University of Minnesota-Duluth, Minnesota	<b>2003-2008</b>	<b>2006</b> <b>2010</b>
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Carol led the design</b> of the 97,000 square foot, \$30 million research and teaching laboratory building with Chemistry, Fresh Water Research, and Biology laboratories and offices. An iconic design, the new building sits at the front door of the University and puts "science on display." Sustainable design features are maximized in this Northern environment. <b>Carol led the design</b> of the new 35,000 sf educational building includes laboratories for Structural and Hydraulics, classrooms and administrative offices. Designed to receive a <b>LEED Gold</b> rating, the design incorporates intensive and extensive green roofing systems, grass pavers and storm water retention using a French drain system.		

# bio\_



**Carol Ross Barney, FAIA**  
**Lead Design Architect**

## **Profile**

Founder and President, Carol Ross Barney is responsible for the design excellence of all projects undertaken by the firm. She was awarded the 2005 Thomas Jefferson Award for Public Architecture for a distinguished career and dedication to Architecture in the public realm.

Her work has been published in national and international journals and has received numerous honors and awards including two General Services Administration Design Awards, a Federal Design Achievement Award from the Presidential Design Awards Program, four Institute Honor Awards from the American Institute of Architects, over thirty AIA Chicago awards, and two AIA COTE Top Ten Green Project awards. Her drawings and work have been widely exhibited and collected by the Art Institute of Chicago, Jewish Museum New York, National Building Museum, Chicago History Museum, and the Museum of Contemporary Art Chicago.

She has developed a keen understanding of the special needs of institutional and public clients which has produced distinctive structures that have become cultural icons.

A native Chicagoan, Carol is the mother of three sons and grandmother of Kai and Han.

## **Professional Experience**

Ross Barney Architects, 1981-  
Orput Associates, 1979-1981  
Holabird & Root, 1972-1979  
U.S. Peace Corps, 1971-1972

## **License**

Architect-Illinois 1974, Maryland 2014, Colorado 2010, Oklahoma 1997, Ohio 1998, Missouri 2000, Michigan 2002, 2006 Indiana, Wisconsin 2003, Arizona 2003, Minnesota 2003, 2003 Florida, 2004 Pennsylvania, N.C.A.R.B. Certificate 1978

## **Education**

Bachelor of Architecture, 1971  
Master of Architecture Program, 1983-1984  
University of Illinois Urbana-Champaign  
Francis J. Plym Traveling Fellowship, University of Illinois at Urbana/Champaign, 1982

## **Academic Experience**

Illinois Institute of Technology,  
Studio Professor of Architecture, 1993-Current  
College of Architecture, Board of Overseers, 1997-  
University of Oklahoma  
Bruce Goff Chair of Creative Architecture, 2002  
University of Illinois at Chicago  
Adjunct Assistant Professor of Architecture, 1976- 1978  
University of Illinois at Urbana-Champaign, School of Architecture  
Advisory Board, 1998-  
Visiting Critic, 1991, 1992

## **Professional Affiliations**

American Institute of Architects  
Member, 1974- Fellowship, 1992  
Jury Chair, Institute Honor Awards for Interior Architecture, 2001  
Jury of Fellows, 1996-1999  
Jury, Institute Honor Awards for Architecture, 1993  
Chair, Women in Architecture Committee, 1989,  
Chicago Chapter Vice President, 1978-  
1980, Secretary, 1981-1982,  
The Metropolitan Planning Council  
Board of Governors, 2014-  
The Chicago Architecture Foundation  
Board of Directors, 1999-2000  
The Economic Club of Chicago  
Member, 1997-  
Chicago Women in Architecture  
Member, 1974- Current; Foundation Board,  
Current; President, 1977-1978  
The Chicago Network  
Board of Directors, 1990-1992; Member 1986-  
The Cliff Dwellers, Member 1982-, Board of Directors, 1994-1997

## **Exhibitions**

The Jewish Museum, 2009-2010, "Reinventing Ritual: Contemporary Art and Design for Jewish Life" New York and San Francisco  
Chicago Architecture Foundation, 2005  
"5 Architects"  
General Services Administration, 2007  
"Thresholds Along the Frontier", Sault Ste. Marie Border Station  
Ispace, Gallery of the School of Fine and Applied Arts, University of Illinois at Urbana-Champaign, 1999-2000

“People+Places, The Work of Carol Ross Barney”  
Museum of Contemporary Art Chicago  
“Material Evidence: Chicago Architecture at 2000”  
National Building Museum, Washington, D.C.  
2000 GSA Design Awards  
The Art Institute of Chicago, Department of Architecture Permanent Collection  
Drawings of Little Village Academy

### **Professional and Civic Involvement**

General Services Administration, Public Buildings Service, National Register of Peer Professionals, 1996-, National Workshop on Workplace Productivity, 1999, “Balancing Security and Openness in Federal Buildings-Panel, 1999  
McGaw YMCA, Board of Directors, 1996-  
Trustee, Children's Home and Aid Society, 1986-2000  
Village of Wilmette, Illinois  
Chair, Appearance Review Commission, 1990-2000, Plan Commission, 1985-1988, Economic Development Commission, 1988-1990  
Illinois State Library Advisory Committee, Subcommittee for Library Construction, 1992-1994, 1997-  
City of Chicago, Department of Housing, Peer Review, 1997-2000

### **Guest Lecturer:**

TED x IIT, April 2014; TED Conference, Chicago Ideas Week, 2011, 2014; National Building Museum, AIA Central Oklahoma, Keynote Speaker, 2000 U.S. Conference of Mayors-Panelist, “Schools as Centers of Communities”, Chicago Humanities Festival, 1999-“Is Chicago Becoming and Old City”, University of Illinois, College of Fine and Applied Art, Lecture Series, 1998, 1999, AIA Conventions 1990, 1991, 1994, 1999, 2000, 2001, Toronto Society of Architects,

### **Honors and Awards**

The Art Institute of Chicago, Chicago Architects, Oral History Project, 2007  
American Institute of Architects  
AIA COTE Top Ten Award, 2009, 2013  
Thomas Jefferson Award, 2005  
Institute Honor Awards for Architecture, 1991, 1994, 1999, 2002  
College of Fellows, 1992  
AIA Committee on Architecture for Education, Design Award, 2011  
AIA Chicago, Distinguished Building Awards, 1989, 1992, 1996, 1997 (2), 1999, 2003, 2008, 2009, 2010, 2011 (2), 2012; Interior Architecture Awards, 1994, 1995, 1996, 1997, 2002 (2), 2003, 2005, 2009; Divine Detail, 1995, 1997, 2003, 2005, 2012; 2013. Firm Award, 1995,

SustainABILITY Design Award, 2004, 2012, 2013  
World Architecture Festival, High Commendation  
Community Buildings, 2009; Transport, 2013; Shortlist, Production Energy and Recycling, 2014.  
Architizer A+ Awards, Finalist, 2014  
World Architecture News, Concrete in Architecture, Finalist, 2014  
American Institute of Architects Illinois Distinguished Firm Award, 2000, Design Awards 2007 (2), 2008, 2009 (2), 2010  
AIA Central Illinois, Design Award, 2008  
General Services Administration, Design Awards, 2000, 2006  
National Endowment for the Arts  
Federal Design Achievement Award, 1992  
EcoStructure, Evergreen Award, 2012  
Urban Land Institute, Finalist, 2014  
SCUP Award, 2011  
Waterfront Center, Excellence on the Waterfront, Honor Award, 2010  
American Architecture Award, Chicago Athenaeum, 2012  
Richard H. Driehaus Foundation; Architectural Excellence in Community Design, 1998, 2001, 2002, 2006; Preservation Award for Outstanding Restoration/Rehabilitation, Landmarks Preservation Council of Illinois, 1998  
Architect Magazine, “Annual Design Review” Grow-2011; Move-2010; The Architect 50, 2013, 2012, 2011, Top 10 Sustainable Firm, 2011  
Chicago Tribune “Chicagoan of the Year”, 1997  
Chicago Building Congress, Award of Honor, 2011  
Friends of Downtown, “The Coolest Thing”, 2005, “Best New Open Space”, 2010, “Best Public Amenity”, 2011, “Best Public Work”, 2013, “Best Plan”, 2014.  
Crain's Chicago Business, Who's Who in Chicago Business, 2004-Current  
100 Most Influential Women, 1996, 2004, 500 People to Know, 1996, Chicago Tribune, Best of 2009 in Architecture

### **Selected Projects**

Chicago Riverwalk; Bloomingdale Trail Design Framework Plan (now 606); University of Florida, Library West Addition and Renovation (**LEED Gold**); UMD Civil Engineering Building (**LEED Gold**); OSU South Campus Chiller (**LEED Silver**).  
Oklahoma City Federal Building (Designed for **LEED Silver**); Jewish Reconstructionist Congregation Synagogue (**LEED Platinum**); US Border Station, Sault Ste Marie (Designed for **LEED Silver**); CTA Morgan Station; CTA Cermak/McCormick Place Station

# references

In addition to the references listed in the projects section of this submittal, the following references can be contacted regarding Carol Ross Barney and her firm's performance.

**Chicago Department of Transportation/2FM  
Chicago Riverwalk**

Michelle Woods, Project Manager  
2 FM, City of Chicago  
30 N. LaSalle St., Chicago, Illinois 60602  
P. 312.744.3691  
e. michelle.woods@cityofchicago.org

**Chicago Department of Transportation  
Bloomingdale Trail Framework Plan**

Janet Attarian, Project Manager  
CDOT, 30 N. LaSalle St., Chicago, Illinois 60602  
p. 312.744-5980 e.jattarian@cityofchicago.org

**University of Florida  
Library West Addition and Renovation**

Bahar Armaghani, Project Manager  
University of Florida, Campus Planning and Construction Management, 232 Stadium, Gainesville, FL  
32611-5050, (352) 294-0080 barmagh@ufl.edu

Dale B. Canelas, Former Director of Libraries  
P.O. Box 14755  
Gainesville, Florida 32604  
P. 352.377.5716 e: dcanelas@ufl.edu

**University of Minnesota Duluth, Swenson Civil Engineering and Swenson Science Buildings'**

Dr. James Riehl, PhD  
Dean College of Science / Engineering,  
1303 Ordean Court, Duluth, MN 55812  
p. 218-726-6397  
e. jpriehl@d.umn.edu

**Fermi National Accelerator Laboratory, OTE Illinois Accelerator Reserach Center**

Rhonda Merchut  
Fermi National Accelerator Laboratory  
PO Box 500 MS 214  
Batavia, IL 60510  
p. 630-840-4599  
e. rmerchut@fnal.gov

**University of Chicago/Bright Horizons Early Child Development Center**

Steven Wiesenthal FAIA  
University Architect, The University of Chicago  
5555 South Ellis Ave  
Facilities Services  
Chicago, IL 60637  
p. 773-834-3529  
e. swiesenthal@uchicago.edu



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Michael Ross, AIA, LEED AP</b>	13. ROLE IN THIS CONTRACT <b>Principal in Charge/Project Manager/Sustainable Design Resource</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>27</b>	b. WITH CURRENT FIRM <b>16</b>

15. FIRM NAME AND LOCATION (City and State)  
**Ross Barney Architects, Chicago, Illinois**

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Architectural Studies, 1982 University of Illinois Champaign-Urbana, Masters of Science, Engineering Management, 1990 Air Force Institute of Technology	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) 1994/Architecture/Illinois LEED™ Accredited Designer, 2001
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Michael has held a top security clearance while serving for over 15 years as an architect with the facilities department in the Air Force. His attention to detail, pursuit of quality products and problem solving capabilities make him an excellent "hands-on" Principal and Project Manager. Mike has developed designs for new construction and renovations for public buildings, office buildings, laboratories, and dormitories, administrative, educational, commercial, recreational, housing, medical and industrial facilities. He is a LEED accredited designer, bringing his knowledge of **Sustainable Design** to every project. His project experiences include the following;

**19. RELEVANT PROJECTS (Up to a maximum of 5 samples)**

a.	(1) TITLE AND LOCATION (City and State) <b>US Department of Homeland Security Indefinite Delivery Indefinite Quantity Contract Nationwide</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2001</b>	CONSTRUCTION (If applicable) <b>2007</b>
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Michael was the <b>Principal and Project manager</b> providing professional architectural services for the US Department of Homeland Security (formerly the US Customs Service) from 2001 through 2007. Services included master planning, feasibility studies, conceptual design, and cost estimating. These projects included the a state of the art Unmanned Aircraft Systems National Operations Center, US Customs Training Complex, Emergency Power and UPS Systems, Air and Marine Operations Center (AMOC), North Island Air and Marine Branch, and other projects in Florida, West Virginia, Texas, Arizona, and California.		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) <b>LIBRARY WEST ADDITION AND RENOVATION UNIVERSITY OF FLORIDA Gainesville, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2004-2006</b>	CONSTRUCTION (If applicable) <b>2007</b>
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Michael headed this project as the Principal in Charge. Design of a new 60,000 square foot, \$25 million addition and renovation to existing Library West. Design provides increased space for collections, group study rooms, film and media viewing facilities, and graduate students studies. State of the Art data and telecom systems were installed throughout the facility. Michael utilized his knowledge as a sustainable design resource in order to achieve a <b>LEED GOLD</b> certified facility.		<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) <b>General Services Administration Indefinite Delivery Indefinite Quantity Contract Region 5</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2004</b>	CONSTRUCTION (If applicable) <b>2008</b>
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ross Barney Architects worked with the GSA on an Indefinite Delivery Indefinite Quantity projects for facilities within the region that include; feasibility studies, a new U.S. Border Station at Sault Ste. Marie, MI, a new Early Childhood Education and Care Facility, new Social Security Administration building, reroofing projects and office facilities. Michael was the Principal in Charge for many of these projects.		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) <b>Fermi National Accelerator Laboratory Batavia, Illinois</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2009-2013</b>	CONSTRUCTION (If applicable) <b>2013</b>
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Michael is the Principal in Charge</b> for the new IARC that will provide a 35,000 square foot of research and development facility consisting of Office, Technical and Educational (OTE) building, a CDF high bay building for accelerator research. The new building seeks to attract new physics projects and researchers through state of the art computing and video capabilities and flexibility to accommodate rotating tenants. The new facility will achieve a <b>LEED Gold</b> rating through the careful use of limited natural resources.		<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) <b>University of Illinois at Chicago Indefinite Quantity Indefinite Delivery Contract Chicago, Illinois</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2004-2006</b>	CONSTRUCTION (If applicable)
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE University of Illinois Chicago, Various Projects, Chicago, Illinois. Ross Barney Architects provided professional architectural services for the University of Illinois Chicago starting in 2004. Services included master planning, feasibility studies, design, and construction documents, construction administration and cost estimating. Michael was the Principal in Charge for these projects.		<input checked="" type="checkbox"/> 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 <b>Andrew Vesselinovich, AICP, Associate AIA</b>	13. ROLE IN THIS CONTRACT <b>Urban Planner</b>	14. YEARS OF EXPERIENCE	
		a. TOTAL <b>24</b>	B. WITH CURRENT FIRM <b>4</b>

15. FIRM NAME AND LOCATION *(City and State):*

**Ross Barney Architects, Chicago, Illinois**

16. EDUCATION *(DEGREE AND SPECIALIZATION):*

Bachelor of Arts, History, 1986, Haverford College  
 Master of Architecture, 2008, Illinois Institute of Technology  
 Master of Urban Design, 2004, City College of New York  
 Master of City and Regional Planning, 1992, University of California, Berkeley  
 Juris Doctor, 1992, Hastings College of Law

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

American Institute of Certified Planners, 2012

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

Andrew Vesselinovich has broad experience in the areas of urban planning and public process. He has headed the bicycle programs for both the New York City departments of planning and transportation, served on the San Francisco (Board of Supervisors) Bicycle Advisory Committee, and managed the Bloomingdale Trail, a pioneer rail-to-urban park conversion project, for The Trust for Public Land and Ross Barney Architects. While heading programs in New York City, Andrew expanded "bike week" to a month, introduced the first bilingual (Spanish and English) promotion campaign, and increased the production and distribution of free maps. There was a more than 20% increase in bicycling during his tenure.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	<b>Chicago Riverwalk</b> Chicago Department of Transportation, Chicago, Illinois	<b>2005-Ongoing</b>	<b>2009, and Under Construction</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The new Chicago Riverwalk is a major public amenity extending from Michigan Avenue West to Lake Street. The first phase completed in 2009 is from Michigan Avenue to State Street. The next phase is under construction and offers a mix of concessions and public activities. The state of the art amenity for visitors, joggers, strollers, workers and friends of the River is a mix of activities, concessions, fishing, boating, kayaking, people watching, dining and getting close to the water. Andrew is the Urban Planner working with the Riverwalk Team.		<input checked="" type="checkbox"/> Check if project performed with current firm
b.	<b>Bloomingdale Trail Framework Plan</b> Chicago, Illinois	<b>2011-2012</b>	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Bloomingdale Trail and Park framework plan includes design guidelines for the conversion of an one hundred year old elevated railroad right-of-way into an elevated park and trail for recreational activities. The guidelines cover everything from connections to existing neighborhoods and the relationship to adjacent parks, as well topographic variation and programming for the elevated portion. Andrew was the Urban Planner and Project Manager working with the Team.		<input checked="" type="checkbox"/> Check if project performed with current firm
c.	<b>Cermak Road Elevated CTA Green Line Station</b> Chicago Department of Transportation	<b>2012-2014</b>	<b>Under Construction</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design of a new elevated station in a developing residential and commercial district near the McCormick Place Exhibition Center. The design features at-grade stationhouses for easy access and at the platform level a tube enclosure provides protection from the elements for the passengers at the boarding area. Andrew was an Urban Planner and working with the Team.		<input checked="" type="checkbox"/> Check if project performed with current firm
d.	<b>Blue Line Visioning Study</b> Chicago Department of Transportation	<b>2013-2014</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ross Barney Architects is part of a team planning improvements to the Blue Line Forest Park Branch, including 12 stations along that line. The study includes analysis of pedestrian access, ADA compliance, bus transfer conditions, track alignments and commuter parking lots. The team is developing new blue line identity as well as recommendations for future station improvements along the line. Andrew was an Urban Planner and Project Manager working with the Team.		<input checked="" type="checkbox"/> Check if project performed with current firm
e.	<b>Roosevelt Road Streetscape</b> Chicago Department of Transportation	<b>2013</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The project includes various enhancements to Roosevelt Road from State Street to Columbus Drive. Ross Barney Architects' primary role in the project was to provide design and documentation for two new bus waiting canopies to be constructed by the CTA train stations on Roosevelt Road. In addition to providing an improved waiting area for CTA bus riders, one of the main goals of The City was to provide an architectural marquee for the area and train stations. Our team worked with CDOT, CTA, and other agencies to ensure that the canopies met the various needs of The City. Andrew was an Urban Planner working with the Team		<input checked="" type="checkbox"/> 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 <b>Ryan Giblin, AIA, LEED AP</b>	13. ROLE IN THIS CONTRACT <b>Project Manager/Sustainable Design Resource</b>	14. YEARS OF EXPERIENCE	
		a. TOTAL <b>12</b>	B. WITH CURRENT FIRM <b>6</b>
15. FIRM NAME AND LOCATION <i>(City and State)</i> : <b>Ross Barney Architects, Chicago, Illinois</b>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> : Bachelor of Science in Architecture, University of Michigan, 1995 Master of Architecture, Yale University, 1999		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Illinois Capital Development Board, Trained Project Manager U.S. Green Building Council, LEED™ Green Building Rating System LEED Accredited Professional, 2009	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Ryan brings a broad base of experience to **r\_barc**. His education and professional work reflect his interest in the design and production of socially responsible architecture. He has been involved in the design, project management and construction administration of projects with varied scale, budget and building type for private, public and non-profit clients.  
 His experiences include the following;

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Ohio State University South Campus Central Chiller Plant Columbus, Ohio</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2010</b>	CONSTRUCTION <i>(If applicable)</i> <b>2011</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design of a new 58,000 square foot chiller plant that will service new and existing medical buildings on the campus of Ohio State University. The ultimate capacity of the Chiller Plant will be 30,000 tons of chilled water and the entire new medical campus will receive a <b>LEED GOLD</b> certification. Ryan is a <b>Project Architect</b> for this project.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Fullerton and Belmont Stations Reconstruction Chicago Transit Authority Chicago, Illinois</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2005</b>	CONSTRUCTION <i>(If applicable)</i> <b>2010</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design of two new elevated, center platform stations on the Red and Brown Lines of the Chicago Transit Authority system including urban design, and complete design of all architectural elements. Ryan was the Project Architect for this project.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>University of Chicago 61st and Drexel Interior Build Out Chicago, Illinois</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2009</b>	CONSTRUCTION <i>(If applicable)</i> <b>2009</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design of 54,000 square feet of office space for the University of Chicago's Police Department, Comptroller, Risk Management and Safety and Human Resources including the University Training Center. Ryan was the Project Architect for this project.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Chicago Riverwalk Chicago Department of Transportation Chicago, Illinois</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2008</b>	CONSTRUCTION <i>(If applicable)</i> <b>2010</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The new Chicago Riverwalk is intended to be a major public amenity at the river level along lower Wacker Drive, extending from Michigan Avenue West to Lake Street. The new Riverwalk offers a mix of concessions and public activities. The plan includes reproduction light fixtures, planters, railings and other features that will provide symbolic links to the City's past, while creating state of the art facilities for visitors, joggers, strollers, workers and friends of the River. Ryan was the Project Manager for this project.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>You! Exhibit The Museum of Science and Industry Chicago, Illinois</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2009</b>	CONSTRUCTION <i>(If applicable)</i> <b>2009</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm "You!" Exhibit is a celebration of the body, mind and spirit that empowers all of us to optimize our personal health. Each experience is designed to inspire and challenge visitors physically, intellectually and emotionally, as the "ordinary" day-to-day workings of the human body are revealed." To support this exhibit, Ross Barney Architects is providing infrastructure design and modifications. Ryan was the Project Manager for this project.		

**Long & Associates Architects/Engineers, Inc.** was established in 1974 on the founding precept to provide both excellence in design and distinction in professional service. We have accomplished this through the formation of a collaborative team of diverse individuals operating in a holistic and interdisciplinary environment. In leveraging the contributions of varied but complimentary experience, qualifications, and skills, we achieve synergy to generate a product which is greater than the sum of its parts.

Our integrated in-house team of Architects & Engineers is dedicated to the development of optimized design solutions which are uniquely responsive to the particular needs of each project and to the individual character of every client.

We are as passionate about the Art of Architecture as we are adept at the Craft of Engineering. Our intentions are concentrated on developing sustainable, effective, and efficient environments that make a productive and lasting impact on the communities, the organizations, and the people we serve. Your project is as important to us as it is to you.

Long & Associates takes great care and pride in the commitment to quality, the clarity of purpose, and the attention to detail that we instill and express in all of our work.

Great design that creates a sustainable environment is the pragmatic application of innovative approaches grounded in proven methods. We advance the practice of this high quality design in stimulating a professional culture of excellence, ingenuity and responsiveness. Our capable and conscientious team crafts a cohesive, use-oriented and site-specific facility uniquely suited to your program, process, and personnel needs.

At Long & Associates, great designs are realized at the nexus of Art & Technology, and the results are at once functional and practical, fundamentally sound in operation, and pleasing in use and visual effect.

**PlaceMaker Design Studio, LLC** specializes in land planning and design, landscape architecture, and urban design for public and private clients. Our full range of services begins with site selection and analysis and continues through permit plans, project detail, and construction oversight. We provide expertise in sustainable approaches of development for commercial, residential, and community projects including Low Impact Development (LID) and Florida-Friendly landscapes. We offer an experienced staff of landscape architects who have worked extensively on creating memorable places while assisting clients in maximizing the potential for their projects. We are certified as a woman-owned and small business enterprise. Our firm is prequalified to perform work for the Florida Department of Transportation.

**Scheda Ecological Associates, Inc.** is a Florida-registered corporation committed to providing both private and public sector clients with innovative, cost-effective solutions for a changing environment. With Florida offices in Tampa, Sarasota, Delray Beach, Sunrise, Miami, and Destin, Scheda's highly motivated staff of experienced professionals has provided a variety of professional environmental consulting services ranging from large public works projects and watershed management studies to small-scale residential site development. These services include but are not limited to:

- Environmental Permitting and Mitigation;
- Habitat Restoration Design;
- Seagrass Studies;
- Wetland and Wildlife Studies;
- Threatened and Endangered (T&E) Species Surveys;
- Geographic Information Systems (GIS)/Habitat Mapping and Analysis;

- Land Use/Watershed Planning and Management;
- Comprehensive Ecological and Cultural Assessments;
- Impact Analysis;
- Construction Inspection and Monitoring;
- Stormwater Management, and;
- National Pollutant Discharge Elimination Systems (NPDES) Coordination.

Scheda is woman-owned and currently certified as a Disadvantaged or Woman-Owned Business Enterprise (DBE/WBE) with the Florida Department of Transportation (FDOT), the Florida Department of Management Services, various counties and aviation authorities in Florida, City of Tampa, and South Carolina Department of Transportation.

Scheda's professional staff of 21 scientists and technicians is led by a senior management team with over 150 years of combined career experience. The Scheda Team utilizes both practical consulting expertise and a thorough knowledge of the regulatory framework necessary to meet the most challenging of client needs. Scheda staff members have formerly worked for the U.S. Army Corps of Engineers, Southwest Florida Water Management District (SWFWMD), Florida Department of Environmental Protection (FDEP), Dade County Department of Environmental Resources Management (DERM) and the Environmental Protection Commission of Hillsborough County (EPC). Our environmental experience complements many engineering teams working on the planning, design, permitting and construction of a variety of projects.

Scheda's team of professionals also has extensive experience in the field of habitat mapping, restoration, and design having overseen or designed hundreds of acres of freshwater and estuarine habitats. We are currently providing habitat restoration design services for the SWFWMD SWIM Program, SFWMD, Sarasota Bay Estuary Program (SBEP), FDEP, and Hillsborough, Pinellas, Manatee, Sarasota, Collier, and Charlotte Counties. In addition, we have completed a variety of Comprehensive Everglades Restoration Program, Acceler8, Lake Okeechobee Fast Track, and Regional Offsite Mitigation Area development projects.

**Gary R. Mormino** is the Frank E. Duckwall professor emeritus in Florida history at USF St. Petersburg. He presently holds the position of scholar in residence at the Florida Humanities Council.

He taught at the University of South Florida between 1977 and 2013. He also taught at the University of Rome, 1980 -81. He has twice taught at the Florida State University Program in Florence, Italy.

His books include: *Immigrants on the Hill: Italians in St. Louis*; *The Immigrant World of Ybor City: Italians and Their Latin Neighbors*; *Spanish Pathways in Florida, 1492-1992*; *Land of Sunshine, State of Dreams: A Social History of Florida*. This last book received the Charlton Tebeau prize for the best book in Florida history. In 2007, PBS and WEDU adapted the book into a documentary, *The Florida Dream*. The documentary received a regional Emmy.

He is presently working on books on Florida & WWII and a history of Florida foodways.

**ADEAS-Q** is a progressive engineering and consulting firm headquartered in Tampa Bay. ADEAS-Q offers independent consulting services including short and long-range planning, project development and design, implementation, as well as the maintenance and operations of transportation facilities. We specialize in applying technical justification to create public consensus for transportation projects.

## Engineering Specialties Group

Understanding the complexity and nuances of specialty engineering projects has been the focus of the ESG team, developing over 100 years of combined experience designing specialty structures and specialized transit systems all over the world. Our team has earned a well-deserved reputation for being able to implement anything, anywhere. This success is not based solely on technical expertise—fostering close working relationships with clients, attending to details, and developing time-tested program management techniques are the keys to successful projects. We pride ourselves not only on finding creative solutions to difficult problems, but also on ensuring those solutions are affordable and buildable.

Engineering Specialties Group's (ESG) expertise spans structural, civil, mechanical, and electrical engineering. Our multidisciplinary approach to projects results in functional designs and cost-effective implementation for our clients. By understanding each of many complex project components, ESG can predict and avoid conflicts during implementation.

We understand that competition in the marketplace is a key factor in the economics and viability of a project. ESG keeps this fact in focus as we assist clients during the planning, design, and procurement phases of their projects so that the greatest value can be achieved.

**Terracon** is a 100 percent employee-owned consulting engineering firm providing quality services to clients. Since 1965, Terracon has evolved into a successful multi-discipline firm specializing in:

- Environmental
- Facilities
- Geotechnical
- Materials

Over its history, Terracon has achieved significant expansion through both internal growth and acquisitions. Terracon currently has more than 3,500 employees in 140 offices and 40 states nationwide. Additionally, we partner with our U.S. clients to serve their international needs. The firm's success is further evidenced by a current ranking of 35 in Engineering News-Record's 2014 list of the Top 500 Design Firms, as compared to a ranking of 58 a decade ago. Terracon's growth is due to dedicated employees who are responsive to clients, provide quality services, and take advantage of opportunities in the marketplace.

Terracon provides services on thousands of projects each year. Our culture, systems, and structure enable us to excel at both small and large projects. By combining our national resources with specific local area expertise, we consistently overcome obstacles and deliver the results our clients expect.

Terracon serves a diverse portfolio of private and public clients. By being responsive, resourceful, and reliable, we strive to exceed our clients' expectations for service, solutions, quality, and speed of delivery. Based on a deep understanding of our clients' needs, Terracon's commitment is centered around these key objectives.

**ARO Engineering** is a civil, structural, and environmental engineering firm providing consulting services to clients in the public, private, and industrial sectors. We specialize in the areas of stormwater management design, roadway and traffic design, water and wastewater design, environmental permitting, structural engineering, marine engineering, NPDES/TMDL permitting, hydrologic and hydraulic modeling, land development/planning, and construction management.

Our staff has significant experience in serving public and private clients. Within the public sector, we have general services engineering contracts established with the City of St. Petersburg and the City of Tampa.

We provide services for the following clients:

- Architects
- Municipal and Public Works
- Churches
- Assisted Living Facilities and Retirement Communities
- Schools and Universities
- Contractors
- Developers
- Home Owner Associations

**Hatcher Engineering, Inc.** specializes in offering fire protection engineering and consulting services to a broad range clients in the construction industry and property management business.

Our services include, but are not limited to, hazard analysis, fire sprinkler and suppression system design, fire alarm and mass notification system design, special hazard system design, 3rd party plan review, and building code \ life safety code consulting.

HEI offers conscientious, individualized service, provided by fire protection professionals dedicated to quality client service.

We look forward to helping you meet your fire protection and life safety objectives.

### **Inhabitect**

Nathan Griswold is President of Inhabitect, LLC and has worked within the green roof industry for nearly 10 years. He has played a role in the design, development, and construction of close to one thousand green roofs throughout North America. His deep technical understanding of this niche market paired with his educational background is valuable to any design or construction team. His experiences have brought with them a vast network of industry leaders in the architectural, landscape architectural, engineering, construction, and manufacturing communities, as well as with municipal entities around the world.

After spending nearly 8 years with one of the nation's largest waterproofing and green roofing manufactures, acting as their Senior Garden Roof Technical Sales Coordinator, Nathan choose to break out on his own. From concept through completion, Inhabitect, is focused on designing, building, and growing landscapes, on rooftops and at grade, that strive to exceed both industry standards and client expectations.

Nathan earned a Bachelor's Degree in Landscape Architecture from Michigan State University. He also has Associate's Degrees in plant science and landscape and nursery development. Nathan is very active with the green roof industry's trade association, Green Roofs for Healthy Cities (GRHC), was recently

contracted to be the North American Green Roof Policy Educator where he will manage the industries Policy Ambassadors that are poised to lobby the support of green roofs and green infrastructure development. He is the co-chair of the Advanced Green Roof Maintenance committee, an active member of the Green Roof Growing Media Committee, regularly speaks at conferences, and is an approved GRHC continuing education provider. He is a long time member of the American Society of Landscape Architects (ASLA), was one of the nation's first individuals to achieve his Green Roof Professional (GRP) accreditation, and is an active member within the American Society for Testing and Materials (ASTM) green roof committee, which is creating and developing international bases standards and testing protocol for the industry.

From concept through completion, Inhabitect, LLC, is focused on designing, building, and growing landscapes, on rooftops and at grade, that strive to exceed both industry standards and client expectations.

**Polaris Associates, Inc.** was formed in august 1991 by John O. Diehl and Daniel Ferrans, both Professional Land Surveyors registered in the State of Florida. More recently they have been joined by Dan Rizzuto, PLS thus giving them a combined total of 131 years of surveying experience available to you.

Polaris operates five field crews equipped with state of the art surveying instruments used for construction layout, topography, boundary determination, gps (global positioning system), design and jurisdictional line surveying. Our crews are supported by highly trained office technicians utilizing the latest data processing and Autocad software.

Polaris field crews operate full robotic geodimeter total stations with field computers. Data is acquired and collected electronically utilizing field book software and transferred directly to office computers, where technicians transform raw field data into finished drawings utilizing coordinate geometry and Autocad.

Above all Polaris strives to deliver a professional product meeting the needs of the client that is time conscious and cost effective. Electronic data is transmitted to you via email, CD or signed and sealed surveys.

Polaris Associates, Inc. will work with you for a successful completion of your project.

**Willis Construction Consulting, Inc.** has been recognized as a leading commercial construction cost estimating firm operating worldwide and specializing in complex, large-scale projects.

The range and depth of estimating expertise WCCI provides is paramount in the industry. From conceptual napkin sketches to advanced construction documents on tight deadlines, WCCI can handle any of your project needs and brings clarity to the construction cost process.

We have a proven track record working with architects, attorneys, developers, insurance companies, general contractors, owners, and subcontractors providing a wide range of services including:

- Estimating
- Project Management Services
- Legal• MEP Expertise
- On-Site Inspections
- Project Audits

Our portfolio includes some of the most complex project types. From animated theme parks, to roller coasters, to five star resorts, to performance stages that move and change throughout performances, our team is at ease in the most intricate costing environments. We offer special expertise across a variety of industries including:

- Resorts & Hospitality
- Municipal
- Transportation
- Entertainment
- Sporting
- Residential • Healthcare
- Education
- International
- Commercial
- Religious

Our team includes in-house estimators for civil, structural, architectural, mechanical, and electrical trades with three LEED Accredited Senior Estimators on staff. Together we offer over 200 years of combined construction cost estimating experience.

**Aqua Marketing & Communications** propels our clients ahead of their competition. And it's based on an approach that's proven time and time again. On the surface it looks utterly simple. But in our hands, it comes close to magic.

We don't shoot from the hip, or rely on opinion. We dig in deep. We learn. We know. We deeply understand. We begin by uncovering all we can about you, your target, your competition and the issues affecting your market. We don't just achieve insights. We ignite revelations.

Right after the research period (and sometimes during) the sparks fly. Clear paths to setting you apart from the competition and making you more desirable to the target become evident. It's exciting. A little risky. But clear. And certain. And compelling.

Although it may be fun, this isn't just fun and games. We're here to achieve an end. So at the beginning of the process we discuss and agree on goals, objectives and measurements. We'll define what success is. Then we'll aim to exceed it.

# ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)  
St. Petersburg Pier

## PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME LONG & ASSOCIATES ARCHITECTS/ENGINEERS, INC.			3. YEAR ESTABLISHED 1974	4. DUNS NUMBER 07-830-9481
2b. STREET 4525 S. Manhattan Avenue			<b>5. OWNERSHIP</b>	
2c. CITY Tampa	2d. STATE FL	2e. ZIP 33611-2305	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Alexander (Lex) M. Long, AIA, LEED AP, GC Vice President			b. SMALL BUSINESS STATUS Yes / Veteran Owned	
6b. TELEPHONE NUMBER (813) 839-0506	6c. E-MAIL ADDRESS Lex@longandassociates.com		7. NAME OF FIRM (If block 2a is a branch office)	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	5		C15	Construction Management	1
06/56	Architect-Registered / Specs	4 (1*)		D07	Dining Halls; Clubs; Restaurants	4
06	Architect Interns	3		E02	Educational Facilities; Classrooms	6
08	CADD Technician	3		S13	Stormwater Handling & Facilities	2
12	Civil Engineer	1 (3*)		F02	Field Houses; Gyms; Stadiums	3
15/18	Construction Inspector/Estimator	(3*)		G01	Garages; Vehicle Maint Facil; Parking Decks	2
21	Electrical Engineer	2		H04	Heating; Ventilating; Air Conditioning	5
21a	Electrical Engineer Intern	1		H08	Historical Preservation	2
42	Mechanical Engineer	2		H09	Hospitals & Medical Facilities	6
42a	Mechanical Engineer Intern	1		I01	Industrial Buildings; Manufacturing Plants	5
57	Structural Engineer	3 (3*)		I05	Interior Design; Space Planning	1
57a	Structural Engineer Intern	2		L01	Laboratories; Medical Research Facilities	3
37	Interior Design	(1*)		L04	Libraries; Museums; Galleries	5
	Interior Design Intern	1		L06	Lighting (Ext; Streets; Memorials; Ath	2
12a	Civil Engineer Intern	1		O01	Office Buildings; Industrial Parks	2
				P06	Planning (Site, Installation, and Project)	2
				R04	Recreation Facilities (Parks, Marinas, Etc.)	2
				R06	Rehabilitation Bldngs; Structures; Facilities)	4
				R08	Research Facilities	3
				R12	Roofing	4
	* Dual Registration			S09	Structural Design; Special Structures	4
				W01	Warehouses & Depots	2
Total		29				

### 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

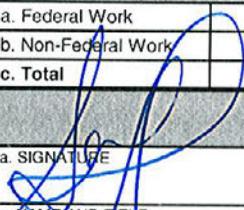
a. Federal Work	6
b. Non-Federal Work	5
c. Total	6

### PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- |   |   |
|---|---|
| 1. Less than \$100,000                  | 6. \$2 million to less than \$5 million   |
| 2. \$100,000 to less than \$250,000     | 7. \$5 million to less than \$10 million  |
| 3. \$250,000 to less than \$500,000     | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million   | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater               |

### 12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE September 2, 2014
c. NAME AND TITLE Alexander (Lex) M. Long, AIA, LEED AP BD+C, GC, Vice President	





# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

## PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME <b>ARO Engineering</b>			3. YEAR ESTABLISHED 2005	4. DUNS NUMBER
2b. STREET 300 3 <sup>rd</sup> Avenue North, Suite 3			5. OWNERSHIP a. TYPE Corporation	
2c. CITY St. Petersburg	2d. STATE Florida	2e. ZIP CODE 33701	b. SMALL BUSINESS STATUS 0907-5170	
6a. POINT OF CONTACT NAME AND TITLE John "Jack" B. Adams, Jr., PE / Principal			7. NAME OF FIRM (if block 2a is branch office)	
6b. TELEPHONE NUMBER (727) 527-5900		6c. E-MAIL ADDRESS jbadams@aroeng.com		
8a. FORMER FIRM NAME(S) (If any) Waterfront Property Services, LLC (DBA Adams Design)			8b. YR. ESTABLISHED 2005	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	1		B02	Bridges	1
08	CADD Technician	2		C15	Construction Management	1
12	Civil Engineer	2		D08	Dredging Studies and Design	1
57	Structural Engineer	2		E10	Environmental & Natural Resources Mapping	1
16	Construction Manager	0		E13	Environmental Testing and Analysis	1
	Field Labor	0		H07	Highways; Streets; Parking Lots	1
				H13	Hydrographic Surveying	1
				I06	Irrigation; Drainage	1
				L02	Land Surveying	1
				L03	Landscape Architecture	1
				M08	Pre-Fabricated Structures or Components	1
				P06	Planning (Site, Installation, and Project)	1
				R04	Recreation Facilities (Parks, Marinas, Etc.)	1
				R06	Rehabilitation (Buildings; Structures)	1
				S04	Sewage Collection, Treatment & Disposal	1
				S05	Soils & Geological Studies; Foundations	1
				S09	Structural Design; Special Structures	1
				S10	Surveying; Platting; Mapping; Flood Plain Studies	1
				S13	Storm Water Handling Facilities	1
				W02	Water Resources; Hydrology; Ground Water	1
				W03	Water Supply; Treatment and Distribution	1
				Z01	Zoning; Land Use Studies	1
<b>Total</b>		<b>7</b>				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
		1. Less than \$100,000	2. \$100,000 to less than \$250,000	3. \$250,000 to less than \$500,000	4. \$500,000 to less than \$1 million
a. Federal Work		5. \$1 million to less than \$2 million	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	3		9. \$25 million to less than \$50 million	10. \$50 million or greater	
<b>c. Total Work</b>	<b>3</b>				

### 12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE September 3, 2014
c. NAME AND TITLE John B. Adams Jr., PE / Principal	



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME Alexander (Lex) Long, AIA, LEED AP BD+C, GC, VP	13. ROLE IN THIS CONTRACT Local Principal-in-Charge/Architect of Record	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 22
15. FIRM NAME AND LOCATION <i>(City and State)</i> LONG & ASSOCIATES ARCHITECTS/ENGINEERS, INC., Tampa, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 1988 Associate of Arts, St. Petersburg College (then SPJC) 1990 BDES/Design in Architecture, University of Florida 1992 MArch / Architecture, Clemson University, SC		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1995 Architecture / FL #15104 1995 NCARB #4733022 1997 Interior Design / FL #3915 1998 Uniform Bldg Code Inspector 2003 LEED AP 2006 Gen Contractor/FL #CGC1511025 2010 LEED AP BD+C 2010 SREF & Chapter 423 FBC Cert	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Member, AIA - American Instit of Arch / Member, Nat'l Trust for Historic Preserv / Member, U.S. Green Building Council / Chair, Hist Res Arch Review Brd- Hillsborough Co / Recipient, AIA Henry Adams Award for Design Excellence / Assoc Member, FEPA - FL Educational Facilities Planners Association			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Strawberry Crest Master Plan &amp; New High School</b> Dover, Florida	2007	2009
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 105-acre Master Plan for 3 major schools on 1 campus & design for 270,000 sf new 18 bldg, 2-story, prototype high school w/classrooms, admin, culinary arts, food service & dining, computer lab & media center, gym & locker rooms, auditorium, agriculture lab, music suite, full-srvc clinic, restroom, storage areas; REVIT Building Information Modeling (BIM), LEED Registered Project, EHPA Hardened Bldgs for Hillsborough Co Schools. \$64,895,440 Role: Principal-in-Charge		
<b>GE Energy Management Manufacturing Center of Excellence (COE)</b> Clearwater, Florida (Pinellas County)	2014	2015
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Master Site Plan & Redevelopment, Campus Infrastructure, Programming & Design for new 188,000 sf manufacturing facility \$21,396,000 Client: GE/Instrument Transformers, Inc. Role: Principal-in-Charge / Architect		
<b>Pinellas County Health Dept Mid-County Center Building Replacement</b> Largo, Florida (Pinellas County)	2010	2011
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Existing Conditions, Structural Assessment & Design for 54,397 gsf replacement of existing bldg for new healthcare facility. Existing bldg footprint, bldg slab & primary structural steel frame were rehabilitated for re-use. REVIT Building Information Modeling (BIM), High-Performance Bldg \$9,030,107 Client: Florida Department of Health Role: Principal-in-Charge		
<b>Manatee HS - Davis Historical Building Replacement</b> Bradenton, FL	2009	2011
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 71,000 sf Castaldi Study, Demo & Design of New Building for Academy for the Performing Arts on existing campus \$18,430,479 REVIT Building Information Modeling (BIM), High-Performance Building Client: Manatee County Schools Role: Principal-in-Charge / Architect		
<b>HCC LRC/Ybor/Faculty Bldg - 3 Bldg Renovations</b> Ybor City Campus, FL	2011	2012
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 20,000 gsf Renovation / Remodeling Learning Resource Center, Faculty Building & Ybor Building including HVAC systems replacement, new interior walls, new floor finishes, custom casework, rehabilitated exterior bldg envelope, fire protection system addition, redesigned site lighting. \$4,089,233 Client: Hillsborough Community College Role: Principal-in-Charge		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME Paul W. Portal, AIA, LEED AP BD+C	13. ROLE IN THIS CONTRACT Project Manager / Architect	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION <i>(City and State)</i> LONG & ASSOCIATES ARCHITECTS/ENGINEERS, INC., Tampa, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 1984 Bachelor of Design in Architecture, Univ of Florida 1987 Master of Architecture, University of Florida		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1988 NCARB #47509 1993 Architecture / FL #AR0014412 2003 LEED AP 2010 LEED AP BD+C 2012 SREF & Chapter 423 FBC Cert	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Member, AIA - Am Instit of Arch /Member, STEMFlorida / Judge, Special Proj, H. Johnson Award for Environ Eng, Hillsborough Co Public Sch 2014 STEM Fair / Member, Nat'l Trust-Historic Preservation / Member, US Green Bldg Council / Assoc Member, FEPA Assoc / Member, Alachua Co/Gainesville Joint Arts Review Committee / Recipient, Alpha Rho Chi Medal for Scholarship, Leadership & Professionalism			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Strawberry Crest Master Plan &amp; New High School</b> Dover, Florida	2007	2009
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 105-acre Master Plan for 3 major schools on 1 campus & design for 270,000 sf new 18 bldg, 2-story, prototype high school w/classrooms, admin, culinary arts, food service & dining, computer lab & media center, gym & locker rooms, auditorium, agriculture lab, music suite, full-srvc clinic, restroom, storage areas; REVIT Building Information Modeling (BIM), LEED Registered Project, EHPA Hardened Bldgs for Hillsborough Co Schools. \$64,895,440 Role: Project Architect		
<b>Pinellas County Health Dept Mid-County Center Building Replacement</b> Largo, Florida (Pinellas County)	2010	2011
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Existing Conditions, Structural Assessment & Design for 54,397 gsf replacement of existing bldg for new healthcare facility. Existing bldg footprint, bldg slab & primary structural steel frame were rehabilitated for re-use. REVIT Building Information Modeling (BIM), High-Performance Bldg \$9,030,107 Client: Florida Department of Health Role: Project Manager / Architect		
<b>GE Energy Management Manufacturing Center of Excellence (COE)</b> Clearwater, Florida (Pinellas County)	2014	2015
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Master Site Plan & Redevelopment, Campus Infrastructure, Programming & Design for new 188,000 sf manufacturing facility \$21,396,000 Client: GE/Instrument Transformers, Inc. Role: Quality Control		
<b>Azalea MS Exterior Rehabilitation &amp; Interior Remediation</b> St. Petersburg, FL (Pinellas County)	2013	2015
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Existing Conditions Study, A/E design for removal/replacement of exterior stucco finish system, windows, doors & louvers to remediate water intrusion & rehab the bldg envelope. Interior finishes were replaced to remediate ongoing spalling & failure. Also renovation of existing classrm suite in Bldg 2 for new STEM Program Lab with special ventilation/filtration for woodwork equipment. \$8,000,000 Client: Pinellas County Schools Role: Project Architect		
<b>Bay Pines VA Medical Center Cancer Infusion Therapy Center</b> Bay Pines, FL (Pinellas County)	2011	2015
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 15,000 gsf New medical building for 20-30 patients receiving chemotherapy infusion treatments, along with associated exam rooms, doctors offices, onsite CBC/bloodwork lab, and compounding pharmacy. LEED for Healthcare 2009 (Silver potential) Rating. BIM project \$6,900,000 Client: U.S. Department of Veterans Affairs (Pinellas County) Role: Quality Control		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME Travis Steed, AIA, LEED AP BD+C	13. ROLE IN THIS CONTRACT Project Architect	14. YEARS EXPERIENCE	
		a. TOTAL 8	b. WITH CURRENT FIRM 8
15. FIRM NAME AND LOCATION <i>(City and State)</i> LONG & ASSOCIATES ARCHITECTS/ENGINEERS, INC., Tampa, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 1997 Bachelor of Sciences In Business Administration, Lipscomb University 2006 Master of Architecture, Virginia Polytechnic Institute & State University		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 2008 LEED AP 2010 LEED AP BD+C 2012 Architecture / FL #AR96390 2014 SREF & Chapter 423 FBC Cert	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Member, American Institute of Architects / Member, U.S. Green Building Council			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Strawberry Crest Master Plan &amp; New High School</b> Dover, Florida	2007	2009
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE a. 105-acre Master Plan for 3 major schools on 1 campus & design for 270,000 sf new 18 bldg, 2-story, prototype high school w/classrooms, admin, culinary arts, food service & dining, computer lab & media center, gym & locker rooms, auditorium, agriculture lab, music suite, full-srvc clinic, restroom, storage areas; REVIT Building Information Modeling (BIM), LEED Registered Project, EHPA Hardened Bldgs for Hillsborough Co Schools. \$64,895,440 Role: BIM Production		
<b>Pinellas County Health Dept Mid-County Center Building Replacement</b> Largo, Florida (Pinellas County)	2010	2011
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE b. Existing Conditions, Structural Assessment & Design for 54,397 gsf replacement of existing bldg for new healthcare facility. Existing bldg footprint, bldg slab & primary structural steel frame were rehabilitated for re-use. REVIT Building Information Modeling (BIM), High-Performance Bldg \$9,030,107 Client: Florida Department of Health      Role: Production Manager		
<b>Manatee HS - Davis Historical Building Replacement</b> Bradenton, FL	2009	2011
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE c. 71,000 sf Castaldi Study, Demo & Design of New Building for Academy for the Performing Arts on existing campus \$18,430,479 REVIT Building Information Modeling (BIM), High-Performance Building Client: Manatee County Schools      Role: Project Manager		
<b>Largo Municipal Center Roof Design &amp; Energy Efficiency Analysis</b> Largo, FL (Pinellas County)	2010	2013
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE d. New Roof & Existing Conditions Survey, Building Envelope Study, Space Utilization Survey, Life-Cycle Cost Analysis, Renovation vs. New Construction Study, Programming Analysis for City Hall & Policy HQ Buildings Bldg 1: \$ 975,000 Bldg 2: \$1,570,897 Client: City of Largo (Pinellas County)      Role: Production Manager		
<b>EnviroFocus Technologies Hygiene &amp; Office Building</b> Ybor City, Florida	2008	2010
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE e. 27,000 sf new administration & hygiene building to include dining facilities, showers/locker room, cleaning, educational rooms, lead-testing lab space & administrative business support areas. REVIT Building Information Modeling (BIM) / LEED Gold Certification \$5,250,000 Client: Gopher Resource Corporation      Role: Project Manager		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME Robert A. Race, II, PE	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 21
15. FIRM NAME AND LOCATION <i>(City and State)</i> LONG & ASSOCIATES ARCHITECTS/ENGINEERS, INC., Tampa, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 1989 BSEE / University of South Florida		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1995 Professional Engineer / Florida PE 51483	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Member, IEEE - Institute of Electrical and Electronic Engineers			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Strawberry Crest Master Plan &amp; New High School</b> Dover, Florida	2007	2009
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 105-acre Master Plan for 3 major schools on 1 campus & design for 270,000 sf new 18 bldg, 2-story, prototype high school w/classrooms, admin, culinary arts, food service & dining, computer lab & media center, gym & locker rooms, auditorium, agriculture lab, music suite, full-srvc clinic, restroom, storage areas; REVIT Building Information Modeling (BIM), LEED Registered Project, EHPA Hardened Bldgs for Hillsborough Co Schools. \$64,895,440 Role: Electrical Engineer		
<b>Manatee HS - Davis Historical Building Replacement</b> Bradenton, FL	2009	2011
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 71,000 sf Castaldi Study, Demo & Design of New Building for Academy for the Performing Arts on existing campus \$18,430,479 REVIT Building Information Modeling (BIM), High-Performance Building Client: Manatee County Schools Role: Electrical Engineer		
<b>Helms Elementary Classroom Building Addition</b> Largo, FL (Pinellas County)	2008	2009
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 22,400 gsf new 2-Story, 14-Classroom New Building on existing campus. Site Develop: 90-space parking lot, bus loop & related storm water retention. REVIT Building Information Modeling (BIM) \$8,701,845 Client: Pinellas County Schools Role: Electrical Engineer		
<b>Pinellas County Health Dept Mid-County Center Building Replacement</b> Largo, Florida (Pinellas County)	2010	2011
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Existing Conditions, Structural Assessment & Design for 54,397 gsf replacement of existing bldg for new healthcare facility. Existing bldg footprint, bldg slab & primary structural steel frame were rehabilitated for re-use. REVIT Building Information Modeling (BIM), High-Performance Bldg \$9,030,107 Client: Florida Department of Health Role: Electrical Engineer		
<b>Nancy Bartels Middle School</b> Tampa, FL	2005	2006
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 120,000 sf Master Planning, Site Development & Design for 1,537 student station New 2-story Middle School including classrooms, admin, media center, computer lab, food service & dining, gymnasium, locker rooms & outdoor athletic facilities. \$18,518,000 Client: Hillsborough County Schools Role: Electrical Engineer		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>William E. Brown, PE</b>	13. ROLE IN THIS CONTRACT <b>Mechanical Engineer - Plumbing</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>19</b>	b. WITH CURRENT FIRM <b>19</b>
15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>LONG &amp; ASSOCIATES ARCHITECTS/ENGINEERS, INC., Tampa, FL</b>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>1984 Associate of Science in Engineering Sciences, Genese Community College 1995 BSME, University of South Florida</b>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> <b>2001 Professional Engineer / Florida PE 57957</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>Member, ASHRAE- American Soc. of Htg, Refrigeration and Air Cond. Engineers</b>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Strawberry Crest Master Plan &amp; New High School</b> Dover, Florida	<b>2007</b>	<b>2009</b>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 105-acre Master Plan for 3 major schools on 1 campus & design for 270,000 sf new 18 bldg, 2-story, prototype high school w/classrooms, admin, culinary arts, food service & dining, computer lab & media center, gym & locker rooms, auditorium, agriculture lab, music suite, full-srvc clinic, restroom, storage areas; REVIT Building Information Modeling (BIM), LEED Registered Project, EHPA Hardened Bldgs for Hillsborough Co Schools \$64,895,440 Role: Mechanical Eng - Plmbg		
<b>Manatee HS - Davis Historical Building Replacement</b> Bradenton, FL	<b>2009</b>	<b>2011</b>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 71,000 sf Castaldi Study, Demo & Design of New Building for Academy for the Performing Arts on existing campus \$18,430,479 REVIT Building Information Modeling (BIM), High-Performance Building Client: Manatee County Schools Role: Mechanical Engineer		
<b>GE Energy Management Manufacturing Center of Excellence (COE)</b> Clearwater, FL (Pinellas County)	<b>2014</b>	<b>2015</b>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Master Site Plan & Redevelopment, Campus Infrastructure, Programming & Design for new 188,000 sf manufacturing facility \$21,396,000 Client: GE/Instrument Transformers, Inc. Role: Mechanical Engineer		
<b>Azalea MS Exterior Rehabilitation &amp; Interior Remediation</b> St. Petersburg, FL (Pinellas County)	<b>2013</b>	<b>2015</b>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Existing Conditions Study, A/E design for removal/replacement of exterior stucco finish system, windows, doors & louvers to remediate water intrusion & rehab the bldg envelope. Interior finishes were replaced to remediate ongoing spalling & failure. Also renovation of existing classrm suite in Bldg 2 for new STEM Program Lab with special ventilation/filtration for woodwork equipment. \$8,000,000 Client: Pinellas County Schools Role: Mechanical Engineer		
<b>Environmental Laboratory Building</b> Tampa, Florida	<b>2013</b>	<b>2015</b>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 13,000 sf New Construction County Lab Building with office space, storage, archival files, conference & training rooms, reference library, restroom, shower facilities, parking, load/unload dock, secured gas, chem & hazardous waste storage, sample & acid dispensable facilities. \$3,500,000 Client: Hillsborough County Government Role: Mechanical Engineer / Plumbing		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME Erin Hibbard, PE	13. ROLE IN THIS CONTRACT Mechanical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 2 months
15. FIRM NAME AND LOCATION <i>(City and State)</i> LONG & ASSOCIATES ARCHITECTS/ENGINEERS, INC., Tampa, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 2003 Bachelor of Science in Mechanical Engineering University of South Florida		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 2014 Prof Engineer / FL # PE-77543	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Member, American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	<b>GE Energy Management Manufacturing Center of Excellence (COE)</b> Clearwater, FL (Pinellas County)	2014	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Master Site Plan & Redevelopment, Campus Infrastructure, Programming & Design for new 188,000 sf manufacturing facility \$21,396,000 Client: GE/Instrument Transformers, Inc. Role: Mechanical Engineer / HVAC		
b.	<b>Pinellas County Arch &amp; MEP Open-End Continuing Services 2005-2015</b> Pinellas County, FL	2007	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Professional Architectural & MEP Engineering Services involving various studies, assessments, design and construction administration for projects NTE \$1,500,000 Client: Pinellas County Government Role: Mechanical Engineer / HVAC		
c.	<b>Environmental Laboratory Building</b> Tampa, Florida	2013	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 13,000 sf New Construction County Lab Building with office space, storage, archival files, conference & training rooms, reference library, restroom, shower facilities, parking, load/unload dock, secured gas, chem & hazardous waste storage, sample & acid disposable facilities. \$3,500,000 Client: Hillsborough County Government Role: Mechanical Engineer / HVAC		
d.	<b>Hillsborough County Government Continuing Services 2006-2015</b> Hillsborough County, FL	2006-2014	2007-2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Various Studies & A/E Professional Services under Open-End Contract for Studies & Individual Projects NTE \$1,000,000 Client: Hillsborough County Government Role: Mechanical Engineer / HVAC		
e.			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME Paul E. Wieczorek, PE	13. ROLE IN THIS CONTRACT Structural Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 25
15. FIRM NAME AND LOCATION <i>(City and State)</i> LONG & ASSOCIATES ARCHITECTS/ENGINEERS, INC., Tampa, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 1989 BSCE Structures, University of South Florida		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1997 Professional Engineer / Florida PE-52804 2004 State Certified Special Inspector / FL #7006417	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Assoc Member, FEFPA - FL Education Facilities Planners Association / Member, Army Engineer / Association Member, SAME - Society of American Military Engineers / Member, ASCE-Am Soc of Civil Engineers / Member,			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Strawberry Crest Master Plan &amp; New High School</b> Dover, Florida	2007	2009
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 105-acre Master Plan for 3 major schools on 1 campus & design for 270,000 sf new 18 bldg, 2-story, prototype high school w/classrooms, admin, culinary arts, food service & dining, computer lab & media center, gym & locker rooms, auditorium, agriculture lab, music suite, full-srvc clinic, restroom, storage areas; REVIT Building Information Modeling (BIM), LEED Registered Project, EHPA Hardened Bldgs for Hillsborough Co Schools. \$64,895,440 Role: Structural Engineer		
<b>GE Energy Management Manufacturing Center of Excellence (COE)</b> Clearwater, FL (Pinellas County)	2014	2015
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Master Site Plan & Redevelopment, Campus Infrastructure, Programming & Design for new 188,000 sf manufacturing facility \$21,396,000 Client: GE/Instrument Transformers, Inc. Role: Structural Engineer		
<b>Manatee HS - Davis Historical Building Replacement</b> Bradenton, FL	2009	2011
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 71,000 sf Castaldi Study, Demo & Design of New Building for Academy for the Performing Arts on existing campus \$18,430,479 REVIT Building Information Modeling (BIM), High-Performance Building Client: Manatee County Schools Role: Structural Engineer		
<b>Pinellas County Health Dept Mid-County Center Building Replacement</b> Largo, Florida (Pinellas County)	2010	2011
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Existing Conditions, Structural Assessment & Design for 54,397 gsf replacement of existing bldg for new healthcare facility. Existing bldg footprint, bldg slab & primary structural steel frame were rehabilitated for re-use. REVIT Building Information Modeling (BIM), High-Performance Bldg \$9,030,107 Client: Florida Department of Health Role: Structural Engineer		
<b>Azalea MS Exterior Rehabilitation &amp; Interior Remediation</b> St. Petersburg, FL (Pinellas County)	2013	2015
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Existing Conditions Study, A/E design for removal/replacement of exterior stucco finish system, windows, doors & louvers to remediate water intrusion & rehab the bldg envelope. Interior finishes were replaced to remediate ongoing spalling & failure. Also renovation of existing classrm suite in Bldg 2 for new STEM Program Lab with special ventilation/filtration for woodwork equipment. \$8,000,000 Client: Pinellas County Schools Role: Structural Eng		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME Kevin Bynum, PE	13. ROLE IN THIS CONTRACT Civil Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION <i>(City and State)</i> LONG & ASSOCIATES ARCHITECTS/ENGINEERS, INC., Tampa, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 1998 Bachelor of Science, Civil Engineering, University of South Florida		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 2005 Professional Engineer / FL #62392 Kevin provided civil engineer services to Long & Associates over an 8-yr period through Hamilton Eng & Surveying Inc. In March 2012, he joined our firm in order to expand our Civil Eng Dept.	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Society of Civil Engineers / U.S. Green Building Council / Florida Stormwater Association / Pasco County Economic Development Council			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Strawberry Crest Master Plan &amp; New High School</b> Dover, Florida	2007	2009
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm 105-acre Master Plan for 3 major schools on 1 campus & design for 270,000 sf new 18 bldg, 2-story, prototype high school w/classrooms, admin, culinary arts, food service & dining, computer lab & media center, gym & locker rooms, auditorium, agriculture lab, music suite, full-srvc clinic, restroom, storage areas; REVIT Building Information Modeling (BIM), LEED Registered Project, EHPA Hardened Bldgs for Hillsborough Co Schools. \$64,895,440 Role: Civil Engineer		
<b>Pinellas County Health Dept Mid-County Center Building Replacement</b> Largo, Florida	2010	2011
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Existing Conditions, Structural Assessment & Design for 54,397 gsf replacement of existing bldg for new healthcare facility. Existing bldg footprint, bldg slab & primary structural steel frame were rehabilitated for re-use. REVIT Building Information Modeling (BIM), High-Performance Bldg \$9,030,107 Client: Florida Department of Health Role: Civil Engineer		
<b>Manatee HS - Davis Historical Building Replacement</b> Bradenton, FL	2009	2011
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm 71,000 sf Castaldi Study, Demo & Design of New Building for Academy for the Performing Arts on existing campus \$18,430,479 REVIT Building Information Modeling (BIM), High-Performance Building Client: Manatee County Schools Role: Civil Engineer		
<b>Bay Pines VA Medical Center Cancer Infusion Therapy Center</b> Bay Pines, FL	2011	2015
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 15,000 gsf New medical building for 20-30 patients receiving chemotherapy infusion treatments, along with associated exam rooms, doctors offices, onsite CBC/bloodwork lab, and compounding pharmacy. LEED for Healthcare 2009 (Silver potential) Rating. BIM project \$6,900,000 Client: U.S. Department of Veterans Affairs (Pinellas County) Role: Civil Engineer		
<b>GE Energy Management Manufacturing Center of Excellence (COE)</b> Clearwater	2014	2015
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Master Site Plan & Redevelopment, Campus Infrastructure, Programming & Design for new 188,000 sf manufacturing facility \$21,396,000 Client: GE/Instrument Transformers, Inc. Role: Civil Engineer		

**\*E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Thomas F. Ries</b>	13. ROLE IN THIS CONTRACT Principal Scientist	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 18

15. FIRM NAME AND LOCATION *(City and State)*  
 Scheda Ecological Associates, Inc.  
 Tampa, Florida

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science, Biology, 1983 University of South Florida	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> U.S. Coast Guard Captain's License 664021
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Habitat Restoration • Seagrass Mapping • Biological Sampling/Analysis • Mitigation Design • Botanical Identification • Vegetative Mapping • Water Quality Studies • Wildlife Surveys • Management Plans

**9. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. St. Petersburg Pier Ecological Support Services Pinellas County, Florida	2013	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		Check if project performed with current firm X
<p>As the project manager, Mr. Ries coordinated with the project engineer and the City's architect to review the pier replacement options and assess the ecological ramifications and potential impacts of each submitted design. Mr. Ries performed a detail infield investigation of the areas surrounding the existing pier footprint to assess the presence of seagrass resources as well as Essential Fish Habitat (EFH) communities. These natural resources were delineated and quantified in a summary report.</p> <p>He also assisted with the permitting of the demolition of the pier superstructure. In addition, the identification of beneficial reuse options for the anticipated excess concrete material was also performed. The shoreline along the Albert Whitted Airport was one of the identified sites that could benefit from the placement of this excess material along the eastern shoreline to provide bank stabilization and interstitial habitat for encrusting organisms. Scheda's staff assisted with permitting of the demolition of the pier material as well as the placement of this material at the airport.</p> <p>Project Value: \$12,733.00</p>		
b. City of St. Petersburg Maximo Park Living Shoreline Environmental Permitting Support Pinellas County, Florida	2012	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		Check if project performed with current firm X
<p>Thomas Ries coordinated with the project engineer and project archaeologist to collect and compile necessary information to address the concerns of the regulatory agencies in the form of an environmental resource permit support document. The document included wetland and other native habitat descriptions/assessments, photos, graphics, and agency-required wetland datasheets.</p> <p>Mr. Ries utilized the information collected to revise the design plans to included flushing cuts and an associated planting plan.</p> <p>In addition, Mr. Ries coordinated with the United States Army Corps of Engineers (USACE) and the National Marine Fisheries Service (NMFS) to ensure that the proposed concepts were acceptable and resolved their concerns. This involved field meetings with their staff (USACE and NMFS) and resulted in the resolution of their existing design worries.</p> <p>Project Value: \$ 5,500.00</p>		
c. St Petersburg Municipal Marina Pier 5 Water Quality Study Pinellas County, Florida	2006-2011	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		Check if project performed with current firm X

As part of the City permit to expand its existing municipal marina, water quality monitoring activities were required. Thomas Ries worked with Moffat & Nichol to coordinate and perform water quality monitoring, as required by the Florida Department of Environmental Protection (FDEP) Mr. Ries collected GPS data for the sample sites and utilized a YSI water quality meter at every station to collect in-situ measurements of DO, pH, conductivity, salinity, and temperature. Water quality samples for fecal coliforms and heavy metal (copper) were also collected. All samples are delivered to a FDEP certified testing laboratory within six hours of collecting samples during an event.  
 Project Cost: \$33,740.00

(1) TITLE AND LOCATION ( <i>City and State</i> )	(2) YEAR COMPLETED	
Vinoy Basin Mooring Field Study Pinellas County, Florida	PROFESSIONAL SERVICES	CONSTRUCTION ( <i>If applicable</i> )
	2008	
(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE	Check if project performed with current firm X	

d. The implementation of the Vinoy Basin Mooring Field in involved the investigation of a 27-acre basin located in downtown St. Petersburg, Pinellas County, Florida. Thomas Ries conducted a survey using side-scan sonar and towed video to characterize benthic habitats within the basin. Areas exhibiting unique signatures were marked and then examined using a towed video camera or examined directly by using SCUBA. Submerged aquatic resources were identified and then delineated from the surface using a Trimble GeoXT GPS unit (with sub-meter accuracy). These features were later downloaded and plotted on the most current aerial photography available and submitted with the summary report. The mooring field was subsequently permitted and successfully constructed.  
 Project Value: \$18,980

(1) TITLE AND LOCATION ( <i>City and State</i> )	(2) YEAR COMPLETED	
Clam Bayou Recreational Trail Phase II Pinellas County, Florida	PROFESSIONAL SERVICES	CONSTRUCTION ( <i>If applicable</i> )
	2010	
(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE	Check if project performed with current firm X	

e. Thomas Ries performed a wetland impact analysis for the construction of the 1.9-mile long Clam Bayou Recreational Trail in Pinellas County, Florida. This elevated 12-foot wide recreational trail, located within the Clam Bayou Preserve, includes a boardwalk and three bridges to avoid impacting the mangrove communities. A Uniform Mitigation Assessment Method (UMAM) analysis was performed to calculate all temporary and permanent wetland impacts associated with the proposed construction, as well as quantifying the mitigation needed to compensate for the unavoidable wetland impacts. Mr. Ries coordinated with representatives of the City of St. Petersburg and the Florida Department of Environmental Protection to ensure compliance with agency requirements and expedite the completion of the project. The project was permitted and was successfully constructed in 2012..  
 Project Value: \$6,635.00

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Christopher J. Anuszkiewicz</b>	13. ROLE IN THIS CONTRACT <b>Landscape Architect</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>12</b>	b. WITH CURRENT FIRM <b>4</b>
15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>PlaceMaker Design Studio, LLC 3000 Gulf to Bay Blvd., Suite 301, Clearwater, Florida 33759</b>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>Bachelor of Arts in Landscape Architecture, University of Florida Master of Business Administration, University of Florida</b>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> <b>Registered Landscape Architect: FL # LA6667069 ISA Certified Arborist®: FL-6613A</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>Member, American Society of Landscape Architects American Society of Landscape Architects Certificate of Honor for Study in Landscape Architecture</b>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>ASI Corporate Campus, St. Petersburg, Florida</b>	<b>2013</b>	<b>2013</b>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Landscape Architect of Record for this 13-acre campus setting. Project pursuing LEED Silver Certification. Provided planting, irrigation, and site planning concepts for project. Prepared permit drawings. Enhanced stormwater treatment areas / rain gardens include boardwalks, outdoor seating areas, wetland planting, and an outdoor amphitheater space. Site Construction Est.: \$1.7 Million</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Port Richey Waterfront Park Master Plan, Port Richey, Florida</b>	<b>2013</b>	<b>N/A</b>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Participated in public workshops and prepared master planning consultation for this 14-acre waterfront park for the City of Port Richey. Presented and orchestrated a community charrette. Prepared graphic exhibits and design concepts for the park. Site Construction Est.: \$2.6 Million</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>City of Arcadia Bicycle and Pedestrian Master Plan, Arcadia, Florida</b>	<b>2012</b>	<b>N/A</b>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Provided urban design and main street concept design. Design elements included bulb outs, landscape enhancements, mid-lock pedestrian crossings, accent pavers, site furniture, and improved parking. Provided graphic exhibits for public input and a preliminary cost estimate. Site Construction Est.: \$1.5 Million</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Hood View Sports Complex, Happy Valley, Oregon</b>	<b>2008-2009</b>	<b>2009</b>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Landscape Architect of Record for this award winning park. Provided both conceptual master planning services and construction documentation. Innovative stormwater techniques were utilized in the parking areas. Design elements included 4 softball fields, 1 soccer field, playground, parking areas, pedestrian seating, concession building, nature trail, skate park, and future phases. Est. 7 Mil.</b>	<input type="checkbox"/> Check if project performed with current firm	
<b>City of Vancouver Waterfront Access Project, Vancouver, Washington</b>	<b>2009</b>	<b>Current</b>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Prepared conceptual plans and construction documents intended to connect downtown Vancouver with its waterfront through enhanced street and sidewalk improvements. Provided ADA compliant pedestrian paths and enhanced parking areas. Streetscape included ornamental lighting, street trees, shrub and groundcover planting, and accent paving. Construction Estimate: 36 Mil</b>	<input type="checkbox"/> 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 <b>Ginevra L. Anuszkiewicz</b>	13. ROLE IN THIS CONTRACT <b>Landscape Architect</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>10</b>	b. WITH CURRENT FIRM <b>4</b>
15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>PlaceMaker Design Studio, LLC 3000 Gulf to Bay Blvd., Suite 301, Clearwater, Florida 33759</b>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>Bachelor of Science in Wildlife Ecology and Conservation, University of Florida Master of Landscape Architecture, University of Florida</b>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> <b>Registered Landscape Architect: Florida # LA6667068</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>Member, American Society of Landscape Architects American Society of Landscape Architects First Place Graduate Student Research Award</b>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>ASI Corporate Campus, St. Petersburg, Florida</b>	<b>2013</b>	<b>2013</b>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Landscape Architect for project pursuing LEED Silver Certification. Prepared planting, irrigation, and site planning concepts for project. Prepared permit drawings. Enhanced stormwater treatment areas turned into amenities with boardwalks, outdoor seating areas, wetland planting, and an outdoor amphitheater space. Site Construction Est. 1.7 Million</b>		
<b>Salmon Creek Trail and Kline Pond Improvements, Vancouver, Washington</b>	<b>2010</b>	<b>2010</b>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Lead Landscape Architect for county greenway project including ADA improvements, sidewalk improvements, trailhead and directional signs, and picnic facilities for 3-mile trail, 35-acre regional park / trailhead, and parking lot. Prepared conceptual designs, construction documents and provided bidding assistance and construction observation services. Site Construction Est.: \$80,000</b>		
<b>Vandervort Neighborhood Park and Roadway Improvements, Vancouver, Washington</b>	<b>2010</b>	<b>2010</b>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Lead Landscape Architect for new 5-acre park and adjacent roadway improvements including play area, basketball court, picnic facilities, trail, benches, rain garden / stormwater areas, streetscape, and landscaping. Prepared conceptual designs, permitting documents, construction documents, and provided bidding assistance and construction observation services. Site Construction Est.: \$700,000</b>		
<b>Burnt Bridge Creek Greenway, Columbia Renaissance Trail, and Frenchman's Bar Trail, Vancouver, Washington</b>	<b>2010</b>	<b>2010</b>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Lead Landscape Architect for trailhead designs including location selection for new trailheads and trailhead and directional sign design. Included 16 miles of trail. Prepared conceptual designs, construction documents and provided construction observation services. Site Construction Est.: \$50,000</b>		
<b>Lewisville Regional Park Improvements, Battle Ground, Washington</b>	<b>2010</b>	<b>2010</b>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Lead Landscape Architect for project including ADA improvements to parking areas, picnic shelters, tennis courts, restrooms, and trail; playground renovation; and new trailhead and directional signs in 154-acre park. Prepared conceptual designs, permitting documents, construction documents, provided bidding assistance and construction observation services. Site Construction Est.: \$120,000</b>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Nathan D Griswold, ASLA, GRP</b>	13. ROLE IN THIS CONTRACT <b>Green Roof Consultant</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>10</b>	b. WITH CURRENT FIRM <b>1.5</b>

15. FIRM NAME AND LOCATION *(City and State)*  
**Inhabitect, LLC, 1129 Woodmere Ave, Suite J, Traverse City, MI, 49686**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>Bachelor of Arts in Landscape Architecture, Michigan State University</b>	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
**Member, American Society of Landscape Architects  
Member, ASTM International  
Member and accredited Green Roof Professional (GRP), Green Roofs for Healthy Cities**

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Cherry Capital Foods, Traverse City, MI</b>	<b>2013-2014</b>	<b>2014</b>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>I worked as a Waterproofing and Green Roofing Consultant on this project and also received a contract to install the vegetated portion. Worked closely with property owners and design team during the entire process. This project includes an accessible patio and vegetated area on this retrofit project. Total Site Construction Est.: \$2.5 Million</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Cowell Family Cancer Center, Traverse City, MI</b>	<b>2013</b>	<b>2014</b>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Participated in the design and specification of three different healing garden spaces on the rooftop of this new facility. Worked with the architect, landscape architect and owners. Total Site Construction Est.: \$55 million</b>	<input type="checkbox"/> Check if project performed with current firm	
<b>1111 Lincoln Ave, Miami, Florida</b>	<b>2010</b>	<b>2011</b>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Participated in the product selection, engineering and installation of a private rooftop garden in Miami Beach. The system used was designed to meet Miami-Dade wind speed requirements for roofing and is fully warranted. Site Construction Est.: Not Available</b>	<input type="checkbox"/> Check if project performed with current firm	
<b>Fire Station #1, Orlando, Florida</b>	<b>2009</b>	<b>2010</b>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Worked closely with design team on product and plant selection and the bidding contractors on installation and budgeting. This is a great example of a mature Florida based green roof.</b>	<input type="checkbox"/> Check if project performed with current firm	
<b>Perry Construction Yard, Gainesville, Florida at the University of Florida</b>	<b>2006-2007</b>	<b>2007</b>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Participated in the development of this project with various University staff members and oversaw the installation. This site will be studied by various different groups of students.</b>	<input type="checkbox"/> 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 Mike Deiparine, P.E.	13. ROLE IN THIS CONTRACT Principal/QA/QC	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION *(City and State)*

Engineering Specialties Group, An SCJ Alliance Company, Westminster, CO

16. EDUCATION *(Degree and Specialization)*

BS/Mechanical Engineering  
University of Colorado, 1996

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

Colorado/Registered Professional Engineer  
New York/Registered Professional Engineer  
British Columbia/Registered Professional Engineer

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

Mike has provided design services and construction support for the erection of new, or modification of, existing lifts and tramways throughout the United States. His experience ranges from profile feasibility and analysis to construction observation and acceptance testing. Mike has also performed detailed design and finite element analyses of system components to optimize or improve existing designs. He has been involved in the detailed design and analysis for numerous components. His experience has given him an ability to manage and interact with multidisciplinary projects where the system elements are an integral part of the design process.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	<b>Roosevelt Island Tramway – Roosevelt Island, NY</b>	2006	2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
The Roosevelt Island Tramway was a double reversible system with two 125-passenger cabins that had provided urban transit from Roosevelt Island to Midtown Manhattan since 1976. ESG staff members provided system review and modernization services for several years prior to providing the preliminary and final design procurement and implementation services for the modernization of the tramway. That project has resulted in a major renovation of the system with the new system operation started in November 2010. As part of the system review, the organization of the operations and maintenance staff was analyzed.			
b.	<b>Tramway Condition Assessment – Jackson Hole, WY</b>	2005	2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
Mike provided engineering support to the team that provided inspection services and design modifications for the iconic Jackson Hole tramway. As the modernization of the system ensued, Mike conducted detailed design and design reviews of the system and its elements.			
c.	<b>Tin City Tramway – Tin City, AK</b>	2010	2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Engineering Specialties Group was hired by ARCTEC in June of 2010 to perform an assessment of five of the Tramway towers. The scope of work included a condition assessment of the aging structures, a structural analysis of the towers and recommendations for modification and improvement. This project was unique in that the environmental conditions were extremely severe. The wind speeds utilized for design were 175 mph and 30 inches of radial ice was considered in the analysis. These difficult weather conditions were not only a challenge for the analysis of the towers, but played a significant role in the possibilities for modification and repair of the existing towers.			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME James Bunch, PE	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 39	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION *(City and State)*

Engineering Specialties Group, An SCJ Alliance Company, Westminster, CO

16. EDUCATION *(Degree and Specialization)*

BS/Electrical Engineering, University of Wyoming, 1971

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

Registered Professional Engineer in the states of:  
Florida, Washington, Arizona, Arkansas, Colorado,  
Georgia, Mississippi, Texas, Wyoming

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

Jamie Bunch has 39 years of engineering experience, with a range of practical experience in civil, mechanical, and electrical engineering projects. His practical experience as a former electrical supervisor for a popular ski resort is reflected in the functionality and serviceability of his designs. Jamie stays abreast of new and emerging technologies and standards through his participation in national and international professional organizations. Additionally, he has many years of experience inspecting ropeways, including more than 20 years for private clients and 14 years for the State of Colorado.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	<b>Roosevelt Island Tramway – Roosevelt Island, NY</b>	2006	2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
The Roosevelt Island Tramway was a double reversible system with two 125-passenger cabins that had provided urban transit from Roosevelt Island to Midtown Manhattan since 1976. ESG staff members provided system review and modernization services for several years prior to providing the preliminary and final design procurement and implementation services for the modernization of the tramway. That project has resulted in a major renovation of the system with the new system operation started in November 2010. As part of the system review, the organization of the operations and maintenance staff was analyzed.			
b.	<b>Wyoming Department of Transportation ITS – Statewide, Wyoming</b>	2006	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
SCJ Staff completed several projects for the Wyoming Department of Transportation (WYDOT) Winter Safety Program along I-80 and I-25. The purpose of these projects was to improve overall road safety through the introduction of Intelligent Transportation System elements. The remote nature of many of the sites required creative designs in order to deliver communications and power to these locations. Jamie was responsible for the power distribution design of this project.			
c.	<b>River Rail Streetcar – Central Arkansas Transit Authority Little Rock, Arkansas</b>	2004, 2007	2004, 2007
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
The Central Arkansas Transit Authority developed a downtown circulator trolley system which started service in 2004. A second phase extension was developed and entered service in 2007. Jamie provided the layout for the overhead electric system, electrical plans for a unit substation at a maintenance facility, value engineering for the illumination system, as well as a design to power a new substation. Additionally, Jamie provided on site engineering coordination between three general contractors and the system design engineers.			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME Joel Deis, PE	13. ROLE IN THIS CONTRACT Design Analyst	14. YEARS EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION <i>(City and State)</i> Engineering Specialties Group, An SCJ Alliance Company, Westminster, CO			
16. EDUCATION <i>(Degree and Specialization)</i> BS/Mechanical Engineering, University of Colorado, 2007		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer/Colorado	

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

A registered Professional Engineer, Joel has extensive experience in the telecommunications industry. From site and tower design to ongoing maintenance, Joel has expertise from A-Z regarding communication towers. His strengths include creating tower construction specifications, reviewing contractor submittals and monitoring new tower construction. As a certified tower climber, Joel has analyzed the condition and structural capacities of more than 75 existing tower structures. He also conducts routine TIA required inspections for clients. Joel's expertise also includes structural analysis, structural design specifications, cost estimating and owners' representation services.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	North Central All-Hazards Region VHF Upgrade Boulder, Clear Creek, and Gilpin Counties, CO	On-Going	On-Going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SCJ staff has recently completed the conceptual design phase for the North Central All-Hazards Region (NCR), which includes the analysis and conceptual design for eight existing and proposed communication tower sites in Boulder, Clear Creek and Gilpin Counties. The scope of work included site design, utility coordination, tower analysis and design, electrical distribution design, grounding system design and the design of a second story addition to a building. SCJ has been responsible for coordinating with the police and sheriff departments that will ultimately own, operate and maintain the communication tower sites. Currently, SCJ is working with the owner during the construction phase to perform submittal reviews, construction observation and facilitate final acceptance.		
b.	State of Colorado Tower Analysis – Governor's Office of Information Technology, CO	On-Going	On-Going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SCJ staff conducted a structural analysis and visual observation of 58 communication towers for the State of Colorado. The project involved assessing the towers for compliance with the industry standard for tower design and use. SCJ staff also created a site and tower data management system in the form of a Microsoft Access database to assist OIT with the future management of its tower sites. This database is a "living document" that can be edited as changes occur to sites and towers and can be used to track deficiencies and equipment. Currently, SCJ is working with the owner during the construction phase to perform submittal reviews, construction observation and facilitate final acceptance.		
c.	ADCOM911 Tower Assessment- Adams County, Colorado	2011	On-Going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm ADCOM911 hired SCJ to perform condition assessments and structural analyses on three communication towers as a part of an expansion to their existing system. During the analysis SCJ identified two towers that would not be able to support additional loading from the proposed equipment. In order to remediate the problem, SCJ designed modifications for the towers that would accommodate the additional loading and not require a replacement of the towers.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Jim Fletcher, PE</b>	13. ROLE IN THIS CONTRACT <b>Electrical Engineer</b>	14. YEARS EXPERIENCE	
		a. TOTAL 45	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION *(City and State)*

**Engineering Specialties Group, An SCJ Alliance Company, Westminster, CO**

16. EDUCATION *(Degree and Specialization)*

**MS/Civil/Structural Engineering  
BS/Civil/Structural Engineering**

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

**Registered Professional Engineer in the states of:  
Florida, Arizona, California, Colorado, Georgia, Indiana,  
Missouri, Michigan, Mississippi, Montana, New Hampshire,  
New Mexico, Nevada, New York, Ohio, Oregon, Utah,  
Vermont, Virginia, Washington, Wyoming**

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

Jim has more than 40 years of extensive ropeway engineering, rope transportation and people mover experience. Among his most notable professional accomplishments is the concept and design of the first eight-passenger gondola at the Steamboat Resort in Steamboat Springs, Colorado. Jim has served as engineering consultant for many resort ropeway systems in North America, and has been a major contributor to ropeway safety standards. Additionally, Jim has provided operations and maintenance oversight for various ropeway systems. Jim has been an innovator in specialized transit systems with experience in ropeway propulsion systems, including major urban systems in New Orleans, New York, and Philadelphia. Jim has played a significant role in the development of national standards for ropeways. He is a member of the American National Standards (ANSI), B77.1 Committee for Passenger Ropeway Systems, working on various subcommittees since 1981

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Roosevelt Island Tramway – Roosevelt Island, NY</b>	2006	2010
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Jim directed the effort to modernize the aging Roosevelt Island Tramway in New York City. The system connects Roosevelt Island in the East River to Mid-Town Manhattan, serving primarily as a commuter transit system. The project involved assessing the condition of the existing system, developing and studying different alternatives, preliminary engineering, procurement documents, proposal evaluations, bidder negotiations, design reviews and construction observation. In addition, Jim is responsible for the operator's independent operations and maintenance oversight of the system.		
<b>Tramway Condition Assessment – Jackson Hole, WY</b>	2005	2008
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm b. Jim directed the replacement of the iconic Jackson Hole tramway. Following years of advising on condition assessment and on operations and maintenance oversight, Jim became responsible for the replacement of the aging system. Jim and his team had responsibility for preliminary engineering, procurement documents, contractor selection, foundation design, system design reviews and acceptance testing.		
<b>River Rail Streetcar – Central Arkansas Transit Authority Little Rock, Arkansas</b>	2004, 2007	2004, 2007
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm c. The Central Arkansas Transit Authority developed a downtown circulator trolley system which started service in 2004. A second phase extension was developed and entered service in 2007. Jamie provided the layout for the overhead electric system, electrical plans for a unit substation at a maintenance facility, value engineering for the illumination system, as well as a design to power a new substation. Additionally, Jamie provided on site engineering coordination between three general contractors and the system design engineers.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME  Jason Collins, Ph.D., P.E., AICP	13. ROLE IN THIS CONTRACT  Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL  15	b. WITH CURRENT FIRM  3

15. FIRM NAME AND LOCATION *(City and State)*  
ADEAS-Q (St. Petersburg, FL)

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

Ph.D.- Transportation Engineering  
University of South Florida - (USF)  
M.S.-Civil Engineering- Interdiscipline Program  
(Economics, Public Admin. & Engineering) - USF  
B.E.- Civil Engineering - Vanderbilt University

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

Professional Engineer - Florida #60044  
  
American Institute of Certified Planners  
(AICP) - Florida #20322

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

Organizations have included the Institute of Transportation of Engineers, American Planning Association, and the National Society of Professional Engineers. Has written seven publications and received several different achievement awards from numerous organizations.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. West Shore Blvd Complete Street Feasibility Evaluation - Tampa, FL	2013	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
This project identifies which opportunities are feasibly available to make West Shore Boulevard more of a complete street from Kennedy Blvd to Spruce Street. Activities include concept development, transit alignment and detailed capacity analysis, preliminary design, policy recommendations, and cost estimation.		
b. Downtown Mobility Study - Venice, FL	2013	2014
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Working with a team of professionals to improve mobility corridors within Downtown. Multi-modal access, wayfinding, and parking recommendations identified to improve mobility options. Parking strategies included modified on-street parking, angled parking conversions, shared parking, policy updates, and design of concepts.		
c. US 41 PD&E Study - Sarasota, FL	2012	2015
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Following upon the adoption of the City's "Connecting the Downtown to the Bayfront" Plan Florida DOT has sponsored Phase 1 to perform a PD&E Study for US 41 between 10-14th Streets. Responsibilities included multi-modal accommodations, public involvement, alternatives development and design, preliminary cost estimates, and impact assessments.		
d. North Blvd & Cass Street Traffic Signal Design - Tampa, FL	2008	2010
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
Responsible for the design plans of a full traffic signal replacement located in accordance with both the City of Tampa and FDOT design standards. This intersection required additional effort due to its immediate proximity to an active CSX railroad line and limited ROW. Effort included ADA compliance design upgrades and video detection.		
e. Neighborhood Electric Vehicle (NEV) Program Development - Tampa, FL	2008	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
Dr. Collins was responsible for developing an implementation plan for a unique point-to-point, on-demand, public transit circulator system within the downtown core of Tampa, Florida. The NEV Program offers a context sensitive solution for personal mobility. Has since been initiated by private operators and replicated in other cities.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME  Anthony Buczek, P.E., PTOE	13. ROLE IN THIS CONTRACT  Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) ADEAS-Q (St. Petersburg, FL)			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science - Civil Engineering, University of Illinois  Bachelor of Science - Civil Engineering, University of Illinois		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer - Oregon #79684  Professional Traffic Operations Engineer (PTOE) #1379	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Organizations have included the Institute of Transportation of Engineers and Congress for New Urbanism.			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
West Shore Blvd Complete Street Feasibility Evaluation - Tampa, FL	2013	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. This project identifies which opportunities are feasibly available to make West Shore Boulevard more of a complete street from Kennedy Blvd to Spruce Street. Activities include concept development, transit alignment and detailed capacity analysis, preliminary design, policy recommendations, and cost estimation.		
Downtown Mobility Study - Venice, FL	2013	2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Working with a team of professionals to improve mobility corridors within Downtown. Multi-modal access, wayfinding, and parking recommendations identified to improve mobility options. Parking strategies included modified on-street parking, angled parking conversions, shared parking, policy updates, and design of concepts.		
US 41 PD&E Study - Sarasota, FL	2012	2015
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Following upon the adoption of the City's "Connecting the Downtown to the Bayfront" Plan Florida DOT has sponsored Phase 1 to perform a PD&E Study for US 41 between 10-14th Streets. Responsibilities included multimodal accommodations, public involvement, alternatives development and design, preliminary cost estimates, and impact assessments.		
Southwest Corridor Plan (Portland, Tigard, Tualatin, OR)	2010	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm d. Managed the traffic impact analysis and the prioritization of supportive roadway and active transportation projects for a 12-mile High Capacity Transit corridor between Portland and Tualatin via Tigard. The corridor is planned for either LRT or BRT, with much of the route along a state highway. The DEIS effort is scheduled for 2014-2015.		
Bus Stop Location Designs (Asheville, NC)	2006	2008
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm e. Located and designed bus stops, including layout, amenities, and pedestrian crossings, as part of street reconfiguration projects. The work included consideration of traffic impacts and bus operations and the ability of riders to safely access each stop on foot. The project work resulted in improved transit stops and pedestrian crossings.		

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

12. NAME  Jim Cullison, P.E., PTOE	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) ADEAS-Q (St. Petersburg, FL)			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Pennsylvania State University		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer- Pennsylvania #55406 Professional Engineer - Texas #84616  Professional Traffic Operations Engineer (PTOE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Transportation of Engineers.			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
West Shore Blvd Complete Street Feasibility Evaluation - Tampa, FL	2013	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This project identifies which opportunities are feasibly available to make West Shore Boulevard more of a complete street from Kennedy Blvd to Spruce Street. Activities include concept development, transit alignment, detailed capacity analysis, preliminary design, policy recommendations, and cost estimation.	<input checked="" type="checkbox"/>	Check if project performed with current firm
Roundabout Feasibility Evaluations - Sarasota, FL	2013	2016
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Specific roundabout improvements are being considered on US 41 for the intersections at Gulfstream Avenue and at Fruitville Road. These are part of ongoing downtown mobility improvement evaluations to integrate pedestrian, bicycle, and transit modes of travel. Detailed traffic simulation was undertaken using VISSIM along the two-mile study area.	<input checked="" type="checkbox"/>	Check if project performed with current firm
Bayfront Connectivity Study - Sarasota, FL	2008	2012
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Progressive strategies to improve accessibility for multi-modal travel across US 41 were developed. The improvement projects were coordinated through a large public involvement effort to facilitate the engineering and design tasks of the project. Tasks included comp plan review, agency coordination, complete street design, and multi-day charrette.	<input type="checkbox"/>	Check if project performed with current firm
Southern Gateway Initiative - Harrisburg, PA	2006	2011
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Traffic Engineer for the development of a plan to reinvigorate the economic environment of downtown Harrisburg by providing improved access through the southern City gateway. Components of the project include an inventory of parking, loading zones, bus stops and street characteristics; 40,000 origin destination surveys and land-use inventory.	<input type="checkbox"/>	Check if project performed with current firm
Penn Circle Urban Design Study - Pittsburgh, PA	2005	2008
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Traffic Engineer on a study to develop traffic calming, better streetscapes, and a safer pedestrian environment. The project included all aspects of development and analysis of traffic, parking, pedestrian, and urban design improvements. Detailed traffic flow analyses included a detailed state-of-the-art computer model to identify impacts.	<input type="checkbox"/>	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  <u>Diana Albarracin</u>	13. ROLE IN THIS CONTRACT  Transportation Designer	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) ADEAS-Q (St. Petersburg, FL)			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science, Civil Engineering - University of South Florida Master of Science, Business Management - University of Rosario Bachelor of Engineering- University of Colombia		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Organizations have included the Institute of Transportation of Engineers and the Tampa Bay Society of Hispanic Professional Engineers (SHPE). Has served as Technical Advisor to the World Bank for public works, infrastructure, and city planning throughout Latin America.			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
West Shore Blvd Complete Street Feasibility Evaluation - Tampa, FL	2013	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
This project identifies which opportunities are feasibly available to make West Shore Boulevard more of a complete street from Kennedy Blvd to Spruce Street. Activities include concept development, transit alignment and detailed capacity analysis, preliminary design, policy recommendations, and cost estimation.		
Downtown Mobility Study - Venice, FL	2013	2014
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Working with a team of professionals to improve mobility corridors within Downtown. Multi-modal access, wayfinding, and parking recommendations identified to improve mobility options. Parking strategies included modified on-street parking, angled parking conversions, shared parking, policy updates, and design of concepts.		
US 41 PD&E Study - Sarasota, FL	2012	2015
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Following upon the adoption of the City's "Connecting the Downtown to the Bayfront" Plan Florida DOT has sponsored Phase 1 to perform a PD&E Study for US 41 between 10-14th Streets. Responsibilities included multi-modal accommodations, public involvement, alternatives development and design, preliminary cost estimates, and impact assessments.		
Roundabout Feasibility Evaluations - Sarasota, FL	2013	2016
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Specific roundabout improvements are being considered on US 41 for the intersections at Gulfstream Avenue and at Fruitville Road. These are part of ongoing downtown mobility improvement evaluations to integrate pedestrian, bicycle, and transit modes of travel. Detailed traffic simulation was undertaken using VISSIM along the two-mile study area.		
Snell Isle Traffic Calming Plan - St. Petersburg, FL	2013	2014
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
The purpose of the evaluation was to develop a progressive traffic calming strategy that meets neighborhood priorities with minimal maintenance requirements. Several different alternatives were evaluated for effectiveness, cost, constructability, maintenance, and aesthetic quality. The design plan included attached chicanes and a modified roundabout.		

**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	
		a. TOTAL	b. WITH CURRENT FIRM

15. FIRM NAME AND LOCATION *(City and State)*

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

**19. RELEVANT PROJECTS**

<b>a.</b>	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<input type="checkbox"/> Check if project performed with current firm			
<b>b.</b>	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<input type="checkbox"/> Check if project performed with current firm			
<b>c.</b>	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<input type="checkbox"/> Check if project performed with current firm			
<b>d.</b>	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<input type="checkbox"/> Check if project performed with current firm			
<b>e.</b>	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<input type="checkbox"/> 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  <b>Craig M. Anstett, P.E.</b>	13. ROLE IN THIS CONTRACT  <b>Senior Geotechnical Engineer</b>	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 9

15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>Terracon Consultants, Inc., Tampa, FL</b>
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., Civil Engineering, University of South Florida, 1998	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Registered Professional Engineer, Florida #60850, 2004
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Anstett has 14 years of experience as a geotechnical engineer. He has been responsible for the analysis and evaluation of soil conditions pertaining to various types of projects ranging from large-scale Florida Department of Transportation (FDOT) projects to single-family residences. His geotechnical experience includes the analysis of soil conditions, determining soil bearing capacity, consolidation characteristics of soil, shallow and deep foundation design and performance. Mr. Anstett also has performed and analyzed numerous pile and plate load tests.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	<b>St. Petersburg Pier – “The Lens” St. Petersburg, Florida</b>	2013	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Geotechnical Engineer for the new pier, also referred to as the “Lens”, which is proposed to be 1247 feet in length and consist of elements noted as the Welcome Mat, Hub, Overwater Bridge, Overwater Drive, Canopy, Promontory and Marina. Terracon worked for Michael Maltzan Architects under their City of St. Petersburg contract. Fees: \$92,265		
b.	<b>Signature Place St. Petersburg, Florida</b>	2009	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Geotechnical Engineer and Project Manager for geotechnical engineering and materials testing for the construction of a 36-story condominium tower with a 4-story office building, 6-story residential building and a 5-story parking garage. All structures were built on a drilled shaft foundation system with post-tensioned elevated decks and a two-way concrete slabs for the tower. Fees:\$341,472		
c.	<b>Hillsborough County Continuing Services Contract Hillsborough County, Florida</b>	On-going	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Geotechnical Engineer for soils and materials sampling testing, subsurface investigation, percolation tests, asphaltic concrete and cement concrete testing, and associated geotechnical engineering and environmental consulting services. Projects range from roadway improvements to new public buildings. Fees are generated on a task by task basis.		
d.	<b>Tampa Museum of Art &amp; Curtis Hixon Waterfront Park Tampa, Florida</b>	2008	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Geotechnical Engineer for the state of the art new 3-story facility consisting of approximately 66,000 square feet and new park overlooking Hillsborough River in downtown Tampa. Fees: \$31,127		
e.	<b>Progress Energy Plaza St. Petersburg, Florida</b>	2007	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Geotechnical Engineer and Project Manager for geotechnical engineering, materials testing and threshold inspections for the construction of the 16-story mix-use office and retail building. Fees: \$101,425		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Stephen C. Knauss, P.E., D. GE</b>	13. ROLE IN THIS CONTRACT <b>Senior Geotechnical Engineer</b>	14. YEARS EXPERIENCE	
		a. TOTAL 37	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION *(City and State)*

**Terracon Consultants, Inc., Tampa, FL**

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

M.E., Civil Engineering, Cornell University, New York City, New York, 1973  
B.S., Structural Engineering, Cornell University, New York City, New York, 1972

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

Registered Professional Engineer, Florida #28202, 1979  
Registered Professional Engineer, North Carolina #8212, 1978  
Registered Professional Engineer, South Carolina #15953, 1994

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

Mr. Knauss has over 37 years of experience in geotechnical and materials engineering with over 30 years experience in Florida. He has been involved in the design and implementation of related geotechnical projects, drilling operation and design of earthwork projects; and has extensive experience in the analysis, design and testing of driven piles, drilled shafts and other deep foundation systems as well as the ground improvement techniques to allow the use of shallow foundations. Steve has supervised the construction testing of numerous projects with materials including earthwork, soil cement, concrete, asphalt and steel. Steve has also conducted and reviewed Phase I Environmental Site Assessments and was one of the first Licensed Asbestos Consultants in the State of Florida.

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>City of St. Petersburg Intersections St. Petersburg, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010 - 2012	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Geotechnical Engineer for thirteen (13) intersection improvements of mast arms as a subconsultant to Kimley-Horn and Associates for their City of St. Petersburg contract. Intersections included 38 <sup>th</sup> Ave N & 39 <sup>th</sup> Ave N, 4 <sup>th</sup> St S & 4 <sup>th</sup> Ave S, 6 <sup>th</sup> St S & 6 <sup>th</sup> Ave S, 6 <sup>th</sup> St S & 5 <sup>th</sup> Ave S, Intown West (7 intersections), Bayboro Phase 1 & 2 (2 intersections) Fees: \$15,800	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Albert Whitted Airport Air Traffic Control Tower St. Petersburg, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Geotechnical Engineer to explore and evaluate the foundation and subgrade soil conditions at the control tower. The tower is 75 feet tall with a footprint of 25' by 25'. Fees: \$7,822.50	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>SR 688 (Ulmerton Road) - West of 38th Street North to West of I-275 Pinellas County, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior geotechnical engineer for approximately 2.5 miles of improvements which include widening to exterior of the existing roadway on both the north and south sides, new westbound elevated on-ramp from Roosevelt Boulevard, widening of Roosevelt Boulevard, stormwater ponds and the widening of side streets. Fees: \$179,810.67	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Hillsborough County School Safety, Circulation and Access Program Hillsborough County, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Geotechnical Engineer for this Design/Build project for Hillsborough County to improve roadway access to 21 schools throughout Hillsborough County. Work included geotechnical exploration for roadway widening, new roadways stormwater management and traffic signals. Fees: \$36,547	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Tampa Port Authority Continuing Contract Tampa, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager and Senior Geotechnical Engineer responsible for performing geotechnical engineering, testing and inspection services for the Tampa Port Authority. The broad range of geotechnical engineering, testing and inspection services are assigned on an as-needed basis. Fees are generated on a task by task basis.	<input checked="" type="checkbox"/> 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 <b>Amr Sallam, Ph.D., P.E.</b>	13. ROLE IN THIS CONTRACT <b>QA/QC Geotechnical Engineer</b>	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>Terracon Consultants, Inc., Winter Park, FL</b>
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> PhD in Civil Engineering (Geotechnical Engineering), University of South Florida, Tampa, Florida, 2004 B.S., M.S in Civil Engineering, Alexandria University, Alexandria, Egypt, 1994, 1998	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Registered Professional Engineer, Florida # 67578
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Dr. Sallam, with 16 years of experience, has served as Project Engineer and Project Manager on numerous geotechnical and structural projects throughout Florida, Southeast US, and internationally. Dr. Sallam is responsible for the overall technical soundness of the firm geotechnical services. As a Senior Engineer, Dr. Sallam responsibilities include scope development, project management, geotechnical evaluations, and report preparation. Dr. Sallam's expertise includes geotechnical consulting for shallow and deep foundations for high-rise heavily loaded structures, bridges, deep and staged excavations, soil improvement, retaining and MSE walls, global stability, Time Domain Reflectometry, stormwater and groundwater modeling, developing on karst geology and developing on difficult soils. Dr. Sallam is an expert user of finite element modeling software PLAXIS, and discrete element modeling Software PFC2D.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	<b>City of Orlando Continuing Contract Orlando, Florida</b>	On-going	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Geotechnical Engineer to provide Geotechnical Engineering for a variety of civil engineering projects which include subsurface exploration, foundation design construction support, settlement estimating, structures, roadways and drainage systems; Construction Materials Testing and Inspection – earthwork, foundations, building construction, concrete, pavement, roofing, steel; Hydrogeological Engineering – stormwater, groundwater, water supply, wastewater, drain wells, environmental aspects; Threshold Inspections; and Survey, Geotechnical, Environmental and Reproduction services.		
b.	<b>SR 46 over Lake Jesup Design-Build Project Seminole-Volusia County, Florida</b>	2009	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Geotechnical Engineer provided advanced settlement analysis for the approach embankment using the Finite Element Analysis Package "PLAXIS". Dr. Sallam's work was approved to be published in a technical paper during the coming ASCE annual Conference "GEO FLORIDA 2010" in West Palm Beach, Florida.		
c.	<b>Seminole County Public Works Continuing Services Contract Seminole County, Florida</b>	On-going	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Geotechnical Services Director for providing Geotechnical Services and Construction Material Testing and Inspection for the Seminole County Public Works Department.		
d.	<b>City of Ormond Beach Continuing Contract Ormond Beach, Florida</b>	On-going	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Geotechnical Engineer for Professional Geotechnical Engineering, Construction Materials Testing, and Hydrogeological Engineering Services Contract.		
e.	<b>Volusia County Public Schools Continuing Contract Volusia County, Florida</b>	On-going	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Geotechnical Services Director for continuing services contract providing geotechnical engineering services.		

# Gordon D. Onderdonk, P.E., LEED AP

*Director of Engineering*

*ARO Engineering*

## Education

B.S., Civil Engineering,  
University of South Florida,  
2001

## Registrations

Professional Engineer  
Florida (64041)

## Certifications

IICRC  
ICC Building Inspector  
LEED Accredited Professional

## Professional Affiliations

American Society of Civil  
Engineers (ASCE)  
Florida Elected Board of Supervisor  
for LPE Independent Special  
District

Mr. Onderdonk is the Director of Engineering with over 13 years of experience working on both civil and structural projects throughout Florida. His diverse structural and project management experience includes the design and construction of industrial water treatment plants, pre-stressed concrete bridges, post-tensioned residential structures, schools, libraries, and warehouses.

## Relative Project Experience

### **Fairway Blvd. Bridge over Flamingo Canal – Hillsborough County, Florida**

Structural design for a Hillsborough County bridge replacement project over a residential canal in Apollo Beach. The proposed bridge replacement consists of 30ft pre-stressed concrete slab beams and pre-stressed concrete seawalls.

### **Shore Acres Tide Vaults – St. Petersburg, Florida**

Design of ten underground sediment collection and flood prevention structures for an existing residential subdivision. The structures consisted of custom tide vaults and chambers designed to block tidal flow from entering the stormwater management system. They consisted of steel reinforced cast-in-place concrete.

### **Pinellas County Schools Miscellaneous Bridge Repairs - Pinellas County, Florida**

Construction documents and material specifications were prepared for repair of three bridges located at the Pinellas Technical Education Center and Dunedin Highland Middle School. Bridge repairs were necessary due to corrosion of the steel reinforcement and also cracking of the support slabs. Bidding and construction administration services were also included.

### **Saffold Road Bridge Improvements – Hillsborough County, Florida**

Structural design of a multi-culvert bridge consisting of cast-in-place concrete headwalls. The project also included a custom engineered guardrail system to accommodate the extreme site conditions and right-of-way constraints.

### **Miscellaneous Culvert Bridge Improvements – Hillsborough County, Florida**

Miscellaneous improvements of four existing cast-in-place concrete box culverts. The project included structural design to repair corrosion issues, additional strengthening of the bridge slabs, and retrofit of new guardrail systems.

### **Hillsborough Co. Parks and Recreation, Park Improvements – Hillsborough County, Florida**

Demolition of existing boat launch ramps and structural design of new launch ramps, seawalls and pedestrian facilities at Hillsborough County's Riverview, Sun City Heritage and Ruskin Commongood parks.

### **Seven Springs WWTP Improvements – Pasco County, Florida**

Structural design of two (2) 16' high aeration tanks (120'x150'), a 13' high filter structure (30'x50'), (2) 16' high flow splitter boxes and other miscellaneous structures required to meet the growing wastewater demands.

### **MC-2 Bird Island Protection – Martin County, Florida**

Structural design of a marine breakwater structure to save an existing bird island from erosion. Wave modeling using STwave was used to analyze the wave energy and design a sustainable breakwater structure.

# Gordon Onderdonk, PE, LEED AP

*Director of Engineering*

## **Hillsborough River Water Treatment Plant – Hillsborough County, Florida**

Design of a modified bracing steel strut system for an existing lime silo. The project included computer analysis of the supports and modifications designed to accommodate a new lime hopper system. The project also included corrosion prevention application specifications and a restoration technique to extend the useful life of the steel structure.

## **Morris Bridge Water Treatment Plant – Hillsborough County, Florida**

Design of abrasion resistant steel liners for catalytic reactors. The project consisted of analyzing the high velocity zones within the catalytic reactors and designing custom-fit steel reinforcement liners to counteract erosion, thereby dramatically extending the service life of the reactors.

## **Florida College – Temple Terrace, Florida**

Design of various retaining walls for a parking lot expansion project along the Hillsborough River. The project consisted of overcoming difficult soil conditions and designing a cast-in-place retaining wall in segments ranging from 3 to 12 feet in exposed height, supporting a parking lot and a detention pond. These wall segments supported the earth necessary to accommodate an expanded parking lot, a lower level service drive, and a retention pond all on what once was an area of unused sloping terrain adjacent to the river.

## **Professional**

State of Florida elected supervisor of the Lake Padgett Estates Independent Special District. A special taxing district created by the Florida Legislature to operate, maintain, and improve multiple lake parks and equestrian facilities located in Pasco County, Florida

## **Relevant Software Familiarity**

Adapt-PT, RISA (3D), BeamChek, Retain-Pro, ATLAS, ADICPR, ArcView, AutoCAD Civil 3D, EPA SWMM, MODRET, WaterCAD, SewerCAD

# John (Jack) B. Adams Jr., P.E.

*Principal*

## *ARO Engineering*

### **Education**

MBA, Business Administration,  
University of South Florida,  
2001

M.E., Environmental Engineering,  
University of South Florida,  
1996

B.S., Environmental Engineering,  
University of Florida, 1993

### **Registrations**

Professional Engineer  
Florida (53963)

Certified General Contractor  
Florida (CGC1510302)

### **Certifications**

Certified Floodplain Manager  
(CFM), US-04-01013

### **Professional Affiliations**

American Water Resources  
Association (AWRA)

Association of State Floodplain  
Managers (ASFPM)

Florida Engineering Society (FES),  
Past President, Pinellas County  
Chapter

National Society of Professional  
Engineers (NSPE)

Water Environment Federation  
(WEF)

Florida Water Resources  
Conference (FWRC),  
Registration Chairman, 1994

Mr. Adams is the lead professional engineer with over 22 years of experience working on both civil and environmental projects throughout Florida. His experience includes land development, stormwater management design, wastewater collection system design, analysis of wastewater treatment facilities and pump stations, water distribution system modeling/design, financial planning/budgeting, bond engineering services, water quality modeling, environmental permitting, surface water hydrologic and hydraulic modeling, stormwater master plans and utility implementation, pollution prevention plans, marine engineering, NPDES permitting, and environmental assessments.

His representative experience includes:

For the City of St. Petersburg Mr. Adams served as civil design project manager for the following projects:

- Childs Park YMCA Community Center
- Kenwood Dog Park
- Fire Station No. 8
- Fire Station No. 9
- Shore Acres Drainage Improvements
- Fleet Maintenance Vehicle Wash Facility
- City Municipal Marina Pier No. 5 Maintenance Dredging Permitting
- Clam Bayou Nature Preserve Park Master Plan
- Lake Maggiore Boat Ramp Improvements
- Demens Landing Boat Ramp Improvements

Mr. Adams completed an update to the City's 201 Facilities Plan. He assisted the city with obtaining State Revolving Fund (SRF) financing for over \$20 million in capital improvement projects. Mr. Adams also managed the City's NPDES and TMDL programs. Mr. Adams served on the final design team for the Big Lake Maggiore Master Pump Station, the Southwest Water Reclamation Facility (WRF) Influent Pump Station, as well as various retrofit projects at the Albert Whitted Airport WRF. Mr. Adams was also a project engineer for the Basin H Stormwater Master Plan Update.

In addition, recently he has served as project manager for several other civil/site design projects with the following clients:

- Minor League Baseball Headquarters
- Manatee Community College
- University of South Florida
- Town of Indian Shores Municipal Center
- City Seminole Fire Station No. 30
- Pinellas County School Board – Clearwater High School
- Pinellas County EMS Supply Building

Mr. Adams has served as project manager and/or project engineer on several stormwater design and management projects throughout Florida. For the City of Plant City and the Southwest Florida Water Management District, Mr. Adams worked on final design and permitting of the Pistol Range Regional Stormwater Treatment Facility. This wetland treatment facility uses three converted borrow

# **John (Jack) B. Adams Jr., P.E.**

## ***Principal***

pits totaling nearly 19 acres to enhance stormwater runoff quality of approximately three square miles of drainage area upstream. Also for the City of Plant City, he worked on final design and permitting of the Empire/Bates outfall channel. The outfall channel is designed to relieve chronic flooding in the upstream portion of the Spartman Branch basin. In addition, Mr. Adams worked on the final design and permitting of the Grant/Hunter Regional Stormwater Treatment Facility and the MacIntosh Wetland Restoration Project.

He served as a project engineer for the award-winning Alligator Creek Restoration project that was featured in Civil Engineering magazine, December 1998. Worked with the Southwest Florida Water Management District and Pinellas County to design and construct a 17-acre offline, multi-use stormwater facility that provided water treatment and flood attenuation for a large portion of the watershed. This project included more than 50-percent littoral area, adjustable weirs, a long-term sampling program, and an educational display.

Mr. Adams also served as project manager for miscellaneous design projects for the Hillsborough Public Works Department. His most recent project included expansion of the Riverview Library with additional parking and a sanitary pump station. As project engineer for the Hillsborough County Water Department, he was responsible for assisting with the inspection of water, wastewater, and reclaimed water facilities; review and evaluation of organization, personnel, and policies; monitoring and certification of a \$500 million capital improvements program; assistance with fixed assets accounting and valuation; and preparation of the Annual Bondholders Report. Mr. Adams was a project manager for Hillsborough County's Little Manatee River Watershed Management Plan. The 240-square-mile master plan characterized existing hydrologic, hydraulic, water quality, and habitat conditions in the watershed; identified and assessed existing and potential problem areas; and formulated solution and/or prevention scenarios to improve or maintain future watershed conditions. Mr. Adams also served as project manager for upgrades to the Courtney Campbell Boat Ramp docking and mooring facilities.

Mr. Adams performed water distribution modeling for the Escambia County Utilities Authority. He assisted in the development of population projections, water demand projections, and CYBERNET model updates for two 5,000-pipe models and one 300-pipe model. Results obtained from the models served to specify pump stations to be developed to accommodate future population projections.

### **Presentations**

Florida Water & Pollution Control Association (FW&PCOA) Region IV Short School, "Stormwater Operator 'C,' Introduction to Stormwater Management." June 1998, June 1999, and June 2000.

### **Honors and Awards**

Young Engineer of the Year, Florida Engineering Society, Pinellas Chapter, 2000

### **Relevant Software Familiarity**

ADICPR, ArcView, AutoCAD, CHAN, CYBERNET, EPANET, EPA SWMM, HEC-1/HEC-2, and XP-SWMM.

**Dave Di Maggio**  
**President**  
**Aqua Marketing & Communications, Inc.**  
**St. Petersburg, Florida**

A life-long resident of St. Petersburg, Dave is one of Florida's most award-winning marketing professionals, recognized throughout the state, nation and internationally for his work through a wide range of governmentally based clients, especially in the areas of tourism and economic development clients.

Dave founded Aqua in 2010, and the firm was quickly vetted and selected by a wide range of governmental clients in the state of Florida. He now leads an established group of marketing communications professionals that supply a full complement of communications services to a variety of clients, custom designed to reach specific targets and achieve exact strategic results.

Dave is a frequent public speaker on communications and community branding issues and has served as a frequent lecturer as well as adjunct staff member at the University of South Florida.

Some of the accounts Dave has worked on include:

- The City of West Palm Beach, Florida
- The Pinellas County Economic Development Department
- The City of St. Petersburg
- The Salvador Dali Museum (St. Petersburg, Florida)
- The TradeWinds Island Resorts (St. Pete Beach, FL)
- The St. Petersburg/Clearwater Convention & Visitors Bureau (Florida)
- Colonial Williamsburg (Williamsburg, VA)
- Disney Resorts Travel Promotions (Orlando, FL)
- The Bermuda Office of Tourism
- Hyatt Hotels
- The Seminole County Office of Economic Development
- The City of Deltona Office of Economic Development
- The Collier County Economic Development Council
- The Nassau County Board of Economic Development
- Sarasota-Bradenton International Airport
- The Southwest Florida International Airport
- The Bermuda International Airport (Bermuda)
- St. Petersburg-Clearwater International Airport
- The Charlotte Harbor & the Gulf Islands Visitor and Convention Bureau
- The Bradenton Area Convention & Visitors Bureau
- Naples, Marco Island, Everglades Convention & Visitors Bureau
- The Seminole County Convention & Visitors Bureau
- The Amelia Island Convention & Visitors Bureau
- \* Snowmass Resort Village (Aspen, Colorado)

Gary R. Mormino

C.V.

Gary R. Mormino is the Frank E. Duckwall professor emeritus in Florida history at USF St. Petersburg. He presently holds the position of scholar in residence at the Florida Humanities Council.

He taught at the University of South Florida between 1977 and 2013. He also taught at the University of Rome, 1980 -81. He has twice taught at the Florida State University Program in Florence, Italy.

His books include:

- *Immigrants on the Hill: Italians in St. Louis* (University of Illinois Press, 1986) The book was awarded the Howard Marraro Prize for the best book in Italian history.
- *The Immigrant World of Ybor City: Italians and Their Latin Neighbors* (University of Illinois Press, 1987). Statue of Liberty Series. Co-authored with George Pozzetta. The book was awarded the Theodore Saloutos prize for the best book in immigration history.
- *Spanish Pathways in Florida, 1492-1992* (Pineapple Press, 1992).
- *Land of Sunshine, State of Dreams: A Social History of Florida* (University Press of Florida, 2005). The book received the Charlton Tebeau prize for the best book in Florida history. In 2007, PBS and WEDU adapted the book into a documentary, *The Florida Dream*. The documentary received a regional Emmy.

Awards

- Teaching awards in 1987, 1994, and 2002.

- A 2009 essay on community in Florida received the Charlie award for the year's best article.
- Named a "Florida Icon" in 2012 by *Florida Trend*
- Honored with the "distinguished author" award by the Florida House in 2012.

He is presently working on books on Florida & WWII and a history of Florida foodways.

# State of Illinois

## Department of Financial and Professional Regulation Division of Professional Regulation

LICENSE NO.  
**001.008045**

The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

EXPIRES:  
**11/30/2014**

LICENSED ARCHITECT

**CAROL ROSS BARNEY**  
10 W HUBBARD ST  
CHICAGO, IL 60654



*Susan J. Gold*

SUSAN J. GOLD  
ACTING SECRETARY

*Jay Stewart*

JAY STEWART  
DIRECTOR

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<b>001.008045</b>		
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CAROL ROSS BARNEY		
EXPIRES:		
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STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF ARCHITECTURE & INTERIOR DESIGN
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

ROSS BARNEY, CAROL
ROSS BARNEY ARCHITECTS, INC
10 WEST HUBBARD STREET
CHICAGO IL 60654

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License card for Ross Barney, Carol, Architect, AC# 706430, AR91653, 12/17/12 128164219, expires FEB 28, 2015.

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STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

SEQ# L12121700679

Table with columns: DATE, BATCH NUMBER, LICENSE NBR. Row: 12/17/2012, 128164219, AR91653

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2015

ROSS BARNEY, CAROL
ROSS BARNEY ARCHITECTS, INC
10 WEST HUBBARD STREET
CHICAGO IL 60654

RICK SCOTT
GOVERNOR

KEN LAWSON
SECRETARY

DISPLAY AS REQUIRED BY LAW



CORPORATE CHARTER

Long & Associates

Filed: May 10, 1974 / No: 452788  
 Fees: Paid through Dec 31, 2014  
 Report: January 2, 2014 / Status: Active

Long & Associates is a licensed architectural and engineering corporation authorized to do business in the State of Florida.

The Federal Government has designated Long & Associates as a Veteran-Owned Small Business.



**State of Florida  
Department of State**

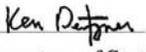
I certify from the records of this office that LONG & ASSOCIATES ARCHITECTS/ENGINEERS, INC. is a corporation organized under the laws of the State of Florida, filed on May 10, 1974.

The document number of this corporation is 452788.

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 2, 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 Tallahassee, the Capital, this the Second day of January, 2014*

  
Secretary of State

Authentication ID: CC4991170898

To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.

<https://efile.smbiz.org/certauthver.html>

AC# 707709 STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF ARCHITECTURE & INTERIOR DESIGN SEQ# L12121800992

DATE	BATCH NUMBER	LICENSE NBR
12/18/2012	120247511	AAC001624

The ARCHITECT CORPORATION Named below IS CERTIFIED Under the provisions of Chapter 481 FS. Expiration date: FEB 28, 2015

LONG & ASSOCIATES ARCHITECTS/ENGINEERS, INC.  
 4525 S MANHATTAN AVE FL 33611  
 TAMPA

RICK SCOTT GOVERNOR      KEN LAWSON SECRETARY

CORPORATE LICENSE

Architecture

Number: AAC001624  
 Expiration: Feb 28, 2015

**State of Florida**  
 Board of Professional Engineers  
 Attests that  
 Long & Associates Architects/Engineers, Inc.



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      CA Lic. No: 1828  
 Audit No: 228201502132      Certificate of Authorization

CORPORATE LICENSE

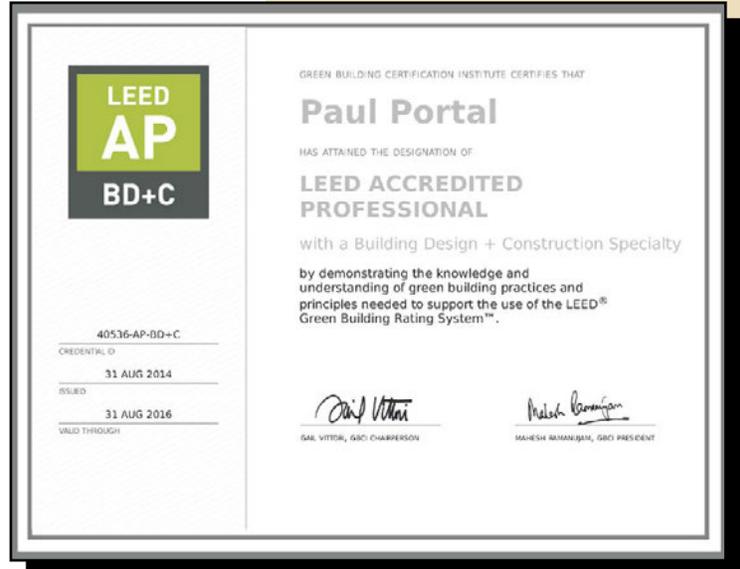
Engineering

Number: 1828  
 Expiration: Feb 28, 2015

LEED Certificates



Alexander (Lex) M. Long, AIA: Vice President / PIC / AOR



Paul W. Portal, AIA: Project Manager / Architect



Travis Steed, AIA: Project Architect

# State of Florida

## Minority, Women & Florida Veteran Business Certification

Scheda Ecological Associates, Inc.

Is certified under the provisions of  
287 and 295.187, Florida Statutes for a period from:

01/15/2014 to 01/15/2016



DEPARTMENT OF MANAGEMENT  
**SERVICES**



*Craig J. Nichols*  
Craig J. Nichols, Secretary  
Florida Department of Management Services



## **NATHAN GRISWOLD**

*successfully completed the requirements to be an*

***Accredited Green Roof Professional (GRP)***

*on June 5<sup>th</sup>, 2009.*

A handwritten signature in black ink, appearing to read "Jeffrey L. Bruce".

---

***Jeffrey L. Bruce, FASLA, LEED, ASIC, GRP***  
***Chair, Green Roofs for Healthy Cities***

*Offered by:*  
Green Roofs for Healthy Cities  
406 King Street East  
Toronto, ON M5A 1L4  
[www.greenroofs.org](http://www.greenroofs.org)





# *Disadvantaged Business Enterprise Certificate of Eligibility*

*Granted to*

PLACEMAKER DESIGN STUDIO LLC

*It has been determined that the firm listed above has met the federal requirements in accordance with  
the Code of Federal Regulations (49 CFR Part 26) and is thereby eligible to participate  
in the Disadvantaged Business Enterprise Program in the State of Florida.*

*NAICS CODES:*

541320

Issue Date: August 9, 2013

*Cassandra Fender for*

VICTORIA V. SMITH

*Disadvantaged Business Enterprise Certification Manager  
Florida Department of Transportation*

# State of Florida

## Minority, Women & Florida Veteran Business Certification

PlaceMaker Design Studio, LLC

Is certified under the provisions of  
287 and 295.187, Florida Statutes for a period from:

02/20/2013 to 02/20/2015



DEPARTMENT OF MANAGEMENT  
**SERVICES**



*Craig J. Nichols*  
Craig J. Nichols, Secretary  
Florida Department of Management Services

Business Assistance Division



st.petersburg  
www.stpete.org

# THE CITY OF ST. PETERSBURG SMALL BUSINESS ENTERPRISE CERTIFICATION

This certificate is awarded to

**Polaris Associates, Inc.**

Federal Identification Number: **59-3085869**

SBE Certification Number: **1208-6685**

Certification is Applicable in:  
Land Surveying Services

Recertified: April 8, 2013  
Expires: April 8, 2015

*Shrimatee Ojah-Maharaj*  
Signature

Shrimatee Ojah-Maharaj, Manager  
Business Assistance Center

April 8, 2013

Date



In accordance with the City of St. Petersburg's Small Business Enterprise Ordinance #789-G, your business is certified as a Small Business Enterprise by the City of St. Petersburg. You will need to show proof of your new Occupational License each year, as well as, renew your certification with this agency every two years in order to maintain your certification with the City of St. Petersburg. However, if at anytime the composition of the SBE status of your firm changes you need to complete another SBE affidavit. The City of St. Petersburg Government reserves the right to terminate or cancel this certification at anytime when it is found that the composition of the Organization has changed and no longer meets the definition established for SBE certification.

