

Qualifications for

# **Continuing Contract for Cost Estimating Engineering Consulting Services**

RFQ # 246-11374 | February 25, 2014

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# 2. Proposal Letter/Letter of Interest/ Proposal Signature Form

2. Proposal Letter/  
Letter of Interest/  
Proposal Signature Form

**Telephone: +1.954.733.7233**

Fax: +1.954.733.1101

**[www.atkinsglobal.com/northamerica](http://www.atkinsglobal.com/northamerica)**

February 25, 2014

James T. Hemphill, Sr. Procurement Specialist  
City of Fort Lauderdale  
City Hall, Division of Procurement Services  
100 N. Andrews Avenue, Room 619  
Fort Lauderdale, FL 33301

**Subject: Continuing Contract for Cost Estimating Engineering Consulting Services; RFQ # 246-11374**

Dear Mr. Hemphill and Selection Committee Members:

The City of Fort Lauderdale is seeking qualified project controls professionals in support of its Continuing Contract for Cost Estimating Engineering Consulting Services. Atkins has extensive experience providing reliable independent construction cost estimates at various stages of budgeting, planning, design, and construction; value engineering; negotiations support; scheduling services; constructability reviews; construction management (including schedule of values and pay application reviews, and cost and time change controls); and legal support services to mitigate and resolve claims. In accordance with the subject RFQ and associated addenda, Atkins is submitting one original, five copies, and a CD of our proposal.

The City is seeking an independent cost estimating consultant to support the planning and execution of its Community Investment Plan. The magnitude and complexity of infrastructure projects are unprecedented, and program coordination for these projects is crucial. In our current economic climate, the Atkins team understands the budgetary limitations that have been placed on public agencies. Our team also understands the opportunities that are available with much more competitive pricing from the contracting community as well as the need to plan and complete critical infrastructure projects, seamlessly and on time. Atkins believes that innovative leadership, state-of-the-art technology, and experienced personnel are necessary to drive these proposed projects to successful completion—on time and under budget.

To effectively support the City in managing these challenges, Atkins has assembled a qualified team of cost estimators and schedulers with local knowledge and extensive experience. We develop reliable cost estimates based on a strong understanding of the local market and trends, maximization of cost savings by applying value engineering techniques, time management to ensure that planned project schedules are maintained, minimization of project changes and change control, and associated legal support services. The Atkins team offers the following attributes to the City of Fort Lauderdale.

**Firm qualifications.** Atkins has provided cost estimating, scheduling, claims analysis, and related services to public agencies for more than \$20 billion in construction costs over the last decade. Atkins' program controls practice has experience with similar cost estimating and scheduling term contracts with various agencies including the City of Miami, City of Miami Beach, Orange County, Broward County Public Schools, School District of Palm Beach County, and many others. In addition, through Atkins' general engineering consultant contracts, we have provided similar cost estimating and scheduling services to Florida Department of Transportation (FDOT), Tri-Rail, PortMiami, City of Miramar, and Broward County Aviation Department. Our relevant cost estimating experience includes capabilities with all or the potential projects listed in the RFQ, such as office, operational, and public service building facilities and parking garages; water and wastewater; plants and distribution systems; storm drainage; parks and recreation; and roadway and bridge projects. Experience with contract delivery methods includes construction management-at-risk (CMAR), design-build (D-B), negotiated, and traditional design-bid-build (D-B-B). Through our experience in working with various agencies nationwide, we have collected and analyzed regional construction costs, particularly during the past few years when the market has transitioned from very inconsistent to very competitive.

**Team qualifications.** The proposed team has a combined experience of more than 216 years providing cost estimating and scheduling services to various public agencies in south Florida. Several team members are certified estimating professionals (CEP), project management professionals (PMP), Leadership in Energy and Environmental Design Accredited Professionals (LEED AP), planning and scheduling professionals (PSP), and active members of the Association for the Advancement of Cost Engineering (AACE) and U.S. Green Building Council (USGBC). We focus on established quality control procedures to assure that clients receive accurate cost estimates and reliable schedules. Our staff has a thorough working knowledge of design and construction practices as well as the cost, schedule, and contractual aspects of various project delivery methods. We provide cost estimating services during all project phases, including planning/budgeting, design, bidding, construction, and post-construction. We employ state-of-the-art technology such as digitized quantity take-offs using electronic documents, reliable regionalized cost databases, Primavera Enterprise, risk analysis software, and dashboard technologies.

**The Atkins team.** Atkins will serve as the prime consultant on this project, along with **Advance Consulting Engineering Services, Inc. (ACES)**, a local subconsultant and MBE-certified firm with directly applicable project experience providing facilities assessment services. We anticipate performing all of the services required for this contract through our team’s south Florida offices. Our strong local presence will facilitate efficient coordination and communication with the City of Fort Lauderdale, its consultants, and other agencies. Our depth of resources in cost estimating, scheduling, and claims analysis, along with a full complement of in-house architects and engineers in various disciplines, affords us the ability to handle multiple assignments for various types of projects simultaneously.

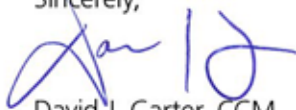
**Diego Clavijo, PMP, PSP,** will serve as Atkins’ project manager and the City’s single point of contact, managing all services from our Fort Lauderdale office—located less than 15 minutes from City offices. Mr. Clavijo has 26 years of experience in all facets of projects controls for construction projects, from concepts and planning to design, construction, and closeout. Through his extensive experience in managing similar services to various south Florida public agencies, he brings an ability to plan and complete project assignments, and to integrate stakeholder goals, values, and priorities. Mr. Clavijo’s representative project experience includes serving as project manager on similar cost estimating term contracts including City of Miami Capital Program Support Services (CPSS) for Capital Improvement Programs, Miami; School Board of Broward County (SBBC) Cost Estimating and Scheduling Services, Fort Lauderdale; Florida Department of Transportation (FDOT) General Consultant Districtwide Scheduling and Support Services, Fort Lauderdale; and Florida International University (FIU) Cost Estimating and Scheduling Services, Miami.

**Commitment.** Our large volume of repeat business—nearly 90 percent—reflects the team’s commitment to professionally complete assignments on time and within budget, seeking innovative and practical solutions to challenges. We are committed to assisting the City of Fort Lauderdale in prioritizing and completing necessary and critical infrastructure projects on time and within budget through quality project controls services. We appreciate this opportunity to present our qualifications and to express our team’s strong desire to be the City’s consultant of choice for these services. Our key contact information follows.

Points of contact for Atkins North America, Inc.				
Authorized person	Role	Telephone number	Fax number	Email
David Carter, CCM	Principal-in-Charge	305.514.3272	305.594.8616	david.carter@atkinsglobal.com
Diego Clavijo, PMP, PSP	Project Manager	954.733.7233, ext. 4013579	954.733.1101	diego.clavijo@atkinsglobal.com

Should you have any questions or need additional information, please contact me at 305.514.3272, or by email at david.carter@atkinsglobal.com. Mr. Clavijo can be reached at 954.733.7233, ext. 4013579, or by email at diego.clavijo@atkinsglobal.com.

Sincerely,



David J. Carter, CCM  
Senior Vice President/Principal-in-Charge

0007.038875.0214

BID/PROPOSAL SIGNATURE PAGE

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

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

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

Submitted by:  February 24, 2014  
(signature) (date)

Name (printed) David J. Carter, CCM Title: Senior Vice President

Company: (Legal Registration) Atkins North America, Inc.

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

Address: 2001 NW 107th Avenue

City Miami State: Florida Zip 33172

Telephone No. 305.514.3272 FAX No. 305.594.8616 Email: david.carter@atkinsglobal.com

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): 30 days

Payment Terms (section 1.04): 30 days Total Bid Discount (section 1.05): N/A

Does your firm qualify for MBE or WBE status (section 1.09): MBE N/A WBE N/A  
Atkins does not qualify for MBE or WBE status. However, we have included a certified minority subconsultant on our team.  
**ADDENDUM ACKNOWLEDGEMENT** - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>
N/A	

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

**Variations:**  
11.10 LIMITATION OF CITY'S LIABILITY, RFQ page 19. "Notwithstanding the foregoing, the parties agree and understand that the provisions of this Article 11.10 do not apply to monies owed, if any, for services rendered to **CONSULTANT CITY** by the **CITY CONSULTANT** under the provisions of this Agreement."

revised 11-29-11



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# 3. Qualifications of the Firm

3. Qualifications of the Firm



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## Company information

<b>Company name</b>	Atkins North America, Inc. (Atkins)
<b>Office address</b>	3230 West Commercial Boulevard Suite 100 Fort Lauderdale, FL 33309
<b>Corporate headquarters address</b>	4030 West Boy Scout Boulevard Suite 700 Tampa, Florida 33607 813.282.7275 phone 800.477.7275 toll free 813.282.9767 fax
<b>Primary contact</b>	Diego Clavijo, PMP, PSP (project manager) 954.733.7233, ext. 4013579 phone 954.733.1101 fax diego.clavijo@atkinsglobal.com
<b>Website</b>	www.atkinsglobal.com/northamerica
<b>Business structure</b>	Corporation, publicly traded
<b>Years of professional service</b>	54 years (incorporated in Florida 2-29-1960)

As one of the world’s leading engineering and design consultancies, Atkins provides expertise in a diverse range of specialized areas including project controls, construction management and administration services, program management, architectural engineering design and permitting, environmental, and support services. From initial regulatory approvals to permitting and from design to project management, Atkins’ team of professionals brings significant technical expertise to a wide range of commercial, office, transportation, institutional, infrastructure, mixed-use, municipal, state, and federal projects.

Ranked among *Engineering News-Record’s* annual list of the largest engineering firms in the nation, Atkins has 2,700 employees in 70 offices located across the United States. With 16 offices throughout Florida, we have nearly 200 employees in south Florida, and our Fort Lauderdale office is less than 15 minutes from the City of Fort Lauderdale’s office. Atkins’ nationwide employees by category include management (1,022), technical (1,103), and support (372).

## Project controls

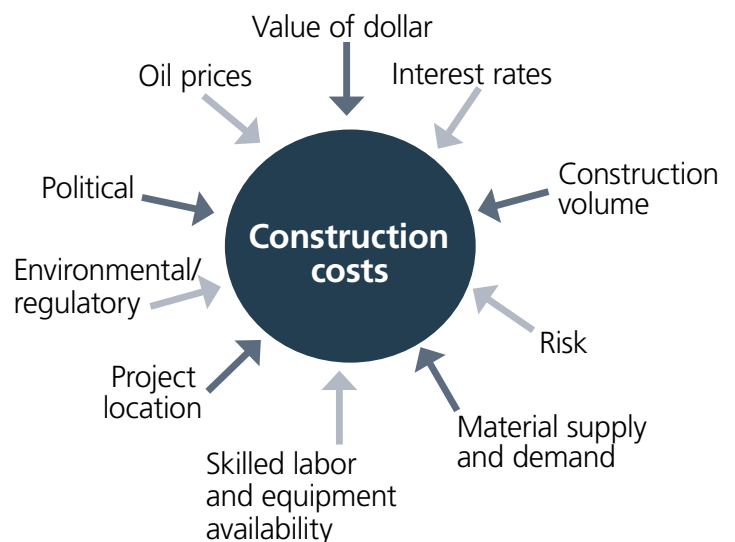
**Cost estimating and scheduling history:**  
Atkins’ project controls professionals have been providing cost, schedule, construction management, claims consulting, and program management services for projects in Florida since the 1970s.

- Cost estimating: 25+ years
- Project scheduling: 25+ years

Atkins’ national project controls practice has grown into a substantial, nationally focused group that continues to enhance and expand our project controls expertise. Atkins established this focused group of project controls staff to provide a consistent quality product to our clients nationwide. This team has grown and developed out of south Florida, which continues to be the cost estimating center of expertise. Our collaborative training in and understanding of project controls processes and procedures have helped us gain repeat clients throughout the nation, thus enabling us to provide services and recommendations to owners to facilitate successful projects. Our services include the following:

- A dedicated cost estimating staff that is familiar with cost trends (below graphic), and that has kept owners updated with accurate construction costs and information regarding cost increases from 2003 to 2007, and the subsequent decline and stabilization of costs.

### Variables influencing construction costs



- Specific experience in working for overall program/CIP level and detailed cost estimates for specific projects.
- Personnel with expertise in cost and time change control including review of project changes and assessment of change impacts, as well as expertise in mitigating and resolving claims and disputes.
- Experts in specific project controls areas such as claims analysis, risk management, and value engineering.
- Use of industry-best computer software and cost data to enhance the accuracy and efficiency of our services.
- Constructability reviews and document coordination.
- Extensive experience with various types of projects including facilities, renovations and upgrades, water and wastewater, and transportation.
- Thorough understanding of cost trends in the local south Florida market.

Technical personnel (registered engineers and architects) from our in-house architectural and engineering practices are consulted as necessary to provide technical guidance and clarifications to our cost and schedule personnel.

Based on local experience, our professional construction team members understand the intricacies of timely deliverables by providing staff with direct and immediate access to Atkins personnel for project control services including meetings and coordination needs.

Atkins has local staff certified by AACE International (AACEI—formerly the Association for the Advancement of Cost Engineering) and U.S. Green Building Council (USGBC).

## Cost estimating

Atkins' cost consultants have extensive experience developing cost estimates from the planning to bidding stages, including bidding strategies, alternatives analysis, value engineering, construction cost control, and post-construction support for various agencies and project types. We have experience with new projects, additions, upgrades, and renovation projects.

As we prepare the various design development estimates and constructability reviews, we evaluate potential errors and omissions, document coordination problems that could impact cost and time after contract award, and bring these issues to the attention of the designers. We can also evaluate alternatives and recommend alternate methods or materials based on their relative economy and life cycle.

Our estimators have extensive experience in the support of CIP program budget development and project prioritization. Through accurate project estimates during various design stages, we make sure that the design corresponds with the established project budget.

Atkins has provided cost estimating, scheduling, claims analysis, and related services to public agencies in south Florida for more than \$10 billion in construction costs in the last decade.

## Typical cost estimating services

### Planning and design phase

- Develop master plan/multiyear work program budgets
- Establish fixed limit of construction costs and preliminary budgets
- Develop and reconcile conceptual and detailed estimates
- Generate D-B and CMAR cost estimates
- Provide recommendations related to alternative construction materials and methods
- Assist in the selection of project delivery systems
- Review consultants' cost estimates and budgets
- Conduct constructability reviews
- Perform value engineering and value analysis
- Provide earned value, life-cycle cost analysis, and risk analysis
- Develop sustainable design evaluation and cost impacts

### Bidding phase

- Analyze bidding activity/strategies
- Review bids
- Provide bidding/letting recommendations
- Review guaranteed maximum price for CMAR projects
- Provide support during negotiations with contractors/construction managers

### Construction phase

- Provide partnering support
- Perform schedule of values reviews
- Conduct pay application reviews
- Evaluate change order reviews for cost and time
- Estimate owner-requested changes and unforeseen conditions

### Post-construction phase

- Provide punch-list/closeout support
- Support operations and maintenance cost development
- Assess cost impact of correcting construction defects
- Provide claims analysis and legal support services

### Estimating accuracy

Throughout our experience providing quality cost estimating services to various agencies, Atkins has produced cost estimates with high accuracy, as demonstrated by Table 1. Atkins has maintained a high level of accuracy despite turbulent years of major fluctuations, subsequent decline, and recent stabilization in costs.

### Change management

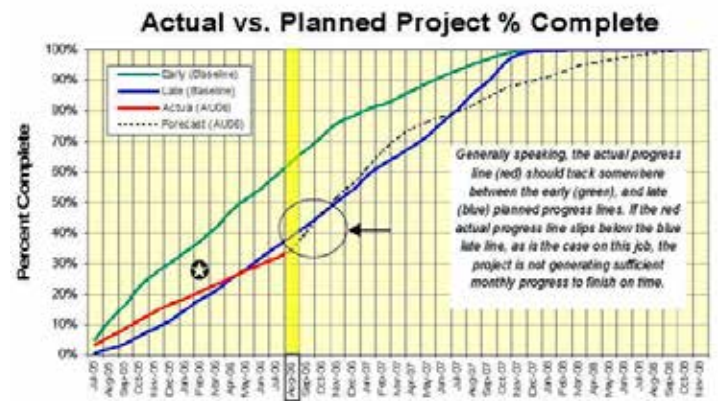
A key component of our cost management services during construction is managing changes to the contract. We track and document proposed changes to the project and estimate the cost impact to the project. Cost impacts may involve direct materials and labor or indirect changes such as schedule impacts. Understanding all of the potential cost impacts allow prudent decisions to be made before proceeding with changes. As a project moves into construction, we provide reviews on the contractor pay applications and proposed changes and make recommendations to the owner on these items. When reviewing a contractor’s changes, we confirm that the scope has been changed, that the change meets contract conditions, and that there is entitlement for the change. Our team will also verify that the cost of the change is reasonable for the scope. When our review is complete, we make an objective recommendation to the owner related to the change and in accordance with the contract.

Invariably in any construction undertaking, changes will occur. The challenge is managing change so that its impacts are understood during the decision-making process and that its scopes are executed correctly after a decision is made to move ahead. Our construction management staff will coordinate the changes that have been authorized and ensure that no one is working from an outdated plan.

### Schedule management

Atkins also offers dedicated schedule management personnel. Schedule management begins during the planning stages of a project, where a schedule is set up that includes planning, design, and construction. This schedule is then tracked and updated through the design phase, including the construction procurement, whether competitively bid, limited invitation, or negotiated.

As the project moves into construction, our schedule management team reviews the contractor’s proposed schedule, confirms that it meets contract requirements, and confirms that a proper schedule is being used for construction. Once this schedule is accepted, it becomes the baseline schedule and is used to monitor construction. If any variance from the contractor baseline schedule is noted, an action plan is put into place with the project team to avoid or mitigate any project delays. Should the contractor request a project delay, the request is reviewed by the construction manager and an objective recommendation is made to the owner related to the request.



**Table 1: Cost control on Atkins team projects (within last 2 years)**

Project	A. Project budget	B. Contractor’s bid	C. Atkins’ estimate	D. Final negotiated cost	Variance between C and D (%)	Variance between C and D (\$)
New Science Complex, Miami, FL	\$44M	\$45.8M	\$43.2M	\$43.5M	-0.69%	-\$300K
New Fire Rescue Facility, Doral, FL	\$26M	\$25.6M	\$25.2M	\$25.6M	-1.56%	-\$400K
Reconstruct Portland Cement Concrete Pavement, St. Petersburg, FL	\$6.8M	\$6.4M	\$6.8M	\$6.4M	-5.88%	-\$400K
New Municipal Complex, Miami Gardens, FL	\$40M	\$42.3M	\$40.2M	\$40.8M	+1.4%	+\$600K
Seawall Stabilization, Miami, FL	\$2.45M	\$2.37M	\$2.45M	\$2.37M	-3.2%	-\$80K
New Tennis Center, Miami Beach, FL	\$5.4M	\$5.5M	\$5.4M	\$5.5M	+1.85%	+\$100K

Our philosophy combines all of the above management practices into one cohesive project controls plan that results in successful delivery of construction projects for our clients. Our proactive approach to quality, risk, cost, and schedule protects owners' interests by allowing for issues to be identified early in the planning, design, or construction of a project, where they can be addressed and resolved prior to negatively impacting a project.

## Quality assurance/quality control plan

At Atkins, we weave quality into the fabric of our culture by achieving a passion for client-focused quality performance and continuous quality improvement (CQI) in all that we do. Atkins' QA/QC program is an important aspect of every project we undertake, regardless of size or complexity. There is no better demonstration of our commitment to clients than our CQI process.

Each of our cost estimates is checked by an independent quality control manager. Comments are checked back and reviewed with the estimating team, and adjustments are made as necessary. Our reviewer checks each cost estimate not only for the reliability of the quantities and unit pricing, but also to verify that all of the project scope is adequately covered in the cost estimate. In addition to these quality checks, our electronic quantity take-offs and pricing systems help our team maintain quality and consistency, and allow for efficient and timely cost estimating products.

## South Florida experience

Atkins has the expertise required to meet the City of Fort Lauderdale's needs, as defined in the RFQ. **Atkins has provided similar cost estimating services for south Florida municipalities since 1960.** All of these projects have involved multidisciplinary teams of engineers, planners, architects, cost estimators, construction experts, geologists, landscape architects, environmental scientists, and specialty subcontractors. Based on this experience, we have developed a solid appreciation for the broad range of multidisciplinary services that are typically required for these types of projects. We take great pride in our strong track record of assembling and efficiently managing a team of in-house personnel and subcontractors to complete the most challenging of tasks.

Our clients represent a mix of both the public and private sectors and include municipalities and counties; state departments of transportation; land developers; airports; power utilities; toll road agencies; contractors; and other regional, state, and federal agencies. We aim to be a single-source solution for clients through the provision of world class technology and personal service on all of our projects, large or small. A list of similar Florida cost estimating term contracts and projects follows.

Similar cost estimating/project controls contracts		
Client	Services	Dates
City of Miami	Program management support	2007–Present
School Board of Broward County	Cost estimating/scheduling	1997–2010
City of Miami Beach	Cost estimating/scheduling/claims	2006–Present
PortMiami	Construction management	2006–Present
School District of Palm Beach County	Cost estimating/value engineering	2006–2009
Florida International University	Cost estimating/scheduling	2008–Present
Miami-Dade County Public Schools	Cost estimating/scheduling/claims	1996–2011
Miami-Dade Water and Sewer Department	Value engineering	2005–2010
Martin County Public Schools	Cost analysis/market trends	2007
Florida Department of Transportation District Four	Program controls	2001–Present
Federal Highway Administration	Cost-based risk analysis	2006–Present

With our experience and expertise in south Florida, we are confident we can estimate any of the Community Investment Plan projects that the City has in its capital program, from preliminary concepts to detailed design estimates.

## Sustainable business practices

Atkins is committed to the implementation of sustainable design principles and believes it should be the role of every company engaged in the design of construction projects to act as a responsible steward of the earth's resources. Atkins further understands that environmental and economic goals are rarely mutually exclusive, especially during a time of escalating energy costs. Accordingly, our team members continually research materials and create designs that meet maintenance and sustainability requirements.

Our designs consider building orientation, construction, equipment and materials, and potential impacts on energy usage. The Atkins team has a keen awareness of the mandates for efficiency and sustainable resource use, as dictated by the Energy Independence and Security Act (EISA) and the implementing Executive Orders. We also advocate changed patterns of use by encouraging conservation and recycling, and provide for these changes in our designs.

Atkins has 66 LEED Accredited Professionals and 8 LEED Green Associates who are skilled in the science of preserving our environment and minimizing energy consumption. As a member of the U.S. Green Building Council, Atkins supports the efforts of USGBC and its LEED program. This nationally recognized effort aims to provide the most energy-efficient designs for both renovation and new construction projects, while recognizing the importance of our environment and its impact on quality of life. USGBC rates buildings on four levels of design excellence based on a minimum level of objective and qualitative goals. A national think tank of municipalities, developers, designers, environmentalists, and architects sets these goals, which include site sustainability, water efficiency, energy and atmosphere issues, use of materials and resources, indoor air quality issues, and innovative design approaches.

A majority of our work is conducted on behalf of governmental entities, institutions, and higher-education clients that all have specific mandates and legislation dictating levels of sustainability performance and efficiency. Atkins' clients include various agencies with mandated energy standards such as the U.S. Department of Labor, USACE, and National Park Service (NPS).

Our environmental awareness has increased dramatically during recent years, as vital information about construction materials has become available. Throughout our history, Atkins has always endeavored to act sensitively in regard to our thoughtful siting of facilities and careful selection of construction materials.

**Praveen Ommi, CEP, AVS, LEED AP**, our proposed QA/QC manager, is a certified estimating professional and LEED AP with a strong understanding of cost impacts of sustainable design.

As part of our sustainable business practice, we have cost estimators with the capabilities to price and compare sustainable designs, and to provide input on the cost/benefit of sustainable designs.

## Minority- or woman-owned business

Atkins is not a minority- or woman-owned business enterprise (M/WBE); however, our subconsultant, **Advance Consulting Engineering Services, Inc. (ACES)**, is an M/WBE firm that will provide facilities assessment services. Copies of ACES' certifications—M-DCPS M/WBE, Broward College M/WBE, School Board of Broward County M/WBE, Miami-Dade County SBE, and FDOT District Four DBE—are shown on pages 15 and 16.

## Standard Form 330

Our team's SF 330 is included at the end of this section.

## Licenses

Copies of Florida licenses for our team and staff members begin on page 13.



Florida's Turnpike Enterprise, FL – Atkins has been providing cost consulting services to Florida's Turnpike projects including roads, bridges, and operational facilities for more than 25 years.



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Atkins

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Atkins North America, 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  
Audit No: 228201503309

CA Lic. No: 24  
**Certificate of Authorization**

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

LICENSE NUMBER: AAC090723

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

ATKINS NORTH AMERICA INC  
4030 W BOY SCOUT BOULEVARD  
SUITE 700  
TAMPA FL 33607

RICK SCOTT GOVERNOR      ISSUED: 01/08/2013      SEQ # L130108000552      KEN LAWSON SECRETARY  
DISPLAY AS REQUIRED BY LAW

Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No: **LB24**  
Expiration Date: February 28, 2015

**Professional Surveyor and Mapper Business License**  
Under the provisions of Chapter 472, Florida Statutes

ATKINS NORTH AMERICA, INC.  
ATTN: LEGAL DEPT. 4030 W BOY SCOUT BLVD STE 700  
TAMPA, FL 33607-5713

ADAM H. PUTNAM  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
BOARD OF LANDSCAPE ARCHITECTURE

LICENSE NUMBER: LCC000052

The LANDSCAPE ARCHITECT BUSINESS  
Named below HAS REGISTERED  
Under the provisions of Chapter 481 FS.  
Expiration date: NOV 30, 2015

ATKINS NORTH AMERICA, INC  
HEATHER MADONNA  
4030 W BOY SCOUT BLVD STE 700  
TAMPA FL 33607

RICK SCOTT, GOVERNOR      ISSUED: 11/14/2013      SEQ # L1311140001019      KEN LAWSON, SECRETARY  
DISPLAY AS REQUIRED BY LAW

David Carter, CCM

**The Construction Manager Certification Institute**  
**CCM**  
**Certified Construction Manager**  
David J. Carter  
(MCI) (C) # 4091

*Having voluntarily met the prescribed criteria of the CCM program, with regard to formal education, field experience and demonstrated capability and understanding of the CCM body of knowledge, and having met the professional standards and having demonstrated a commitment to and interest in providing the highest quality professional CCM services available, has earned the designation of Certified Construction Manager.*

This certification is valid by the Construction Manager Certification Institute on the 14<sup>th</sup> day of September 2011.

Commissioner: *John A. Carter*

This certificate is valid through September 2015.

This certificate was last renewed on 8/11/2015.



**State of Florida**  
**Department of State**


I certify from the records of this office that ATKINS NORTH AMERICA, INC. is a corporation organized under the laws of the State of Florida, filed on February 29, 1960.

The document number of this corporation is 233840.

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 15, 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 Fifteenth day of January, 2014*



*Ken Putnam*  
**Secretary of State**

Authentication ID: CC2724529913

To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.  
<https://efile.sunbiz.org/certauthver.html>

Jimmy Suarez, PSP

**AACE INTERNATIONAL**  
Founded 1956

This certifies that  
**Jimmy Suarez**  
having given satisfactory evidence of qualifications and fitness, is hereby certified as a  
**Planning & Scheduling Professional**  
Originally certified January 25, 2012 No. 904-12

This 1<sup>st</sup> day of March 2012  
In Witness Whereof Our Hand and Seal  
This Certificate Expires: February 21, 2015  
ID Number: 05462

*John A. Carter, CCM*  
Viktor V. Vukobratovic, CCM  
Chair, Certification Board



www.aace.org

Mofa Hassoun, PE

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Mouaffak Youssef Hassoun, P.E.**

**Is licensed as a Professional Engineer under Chapter 471, Florida Statutes**

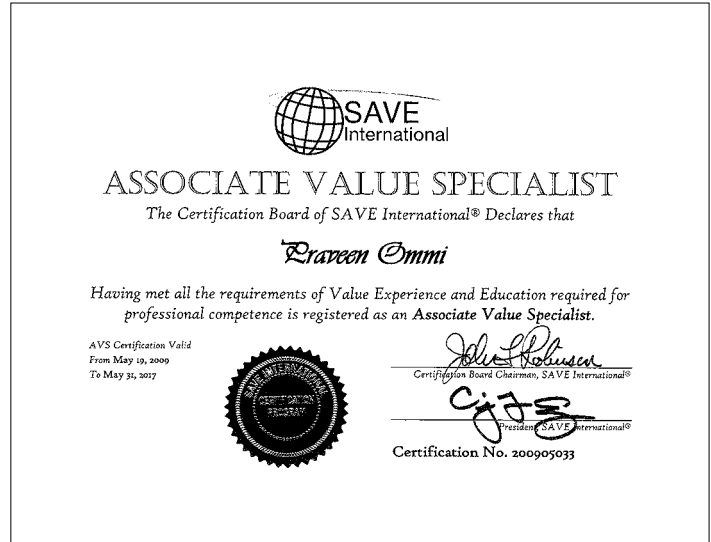
Expiration: 2/28/2015  
Audit No: 228201503400

P.E. Lic. No: 61969

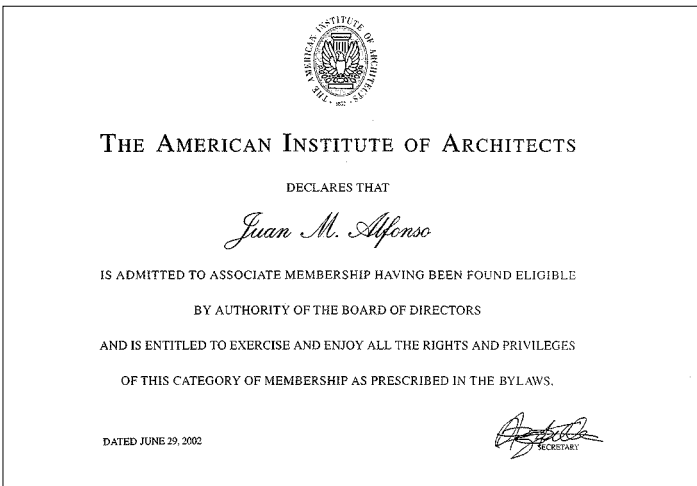
Diego Clavijo, PMP, PSP



Praveen Ommi, CEP, AVS, LEED AP



Juan Alfonso, Associate AIA



Advance Consulting Engineering Services, Inc.

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Advance Consulting Engineering Services, Inc.**



is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering service to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.  
Expiration: 2/28/2015  
Audit No: 228201500678  
Certificate of Authorization  
CA Lic. No. 7305

**BROWARD COLLEGE**  
PROCURMENT SERVICES  
Willis Holcombe Center  
Phone 954-201-7455 / Fax 954-201-7330  
www.broward.edu

January 6, 2010

Azucena Soto  
Advance Consulting Engineering Services, Inc d/b/a ACES, Inc  
7000 W Oakland Park Blvd, Suite 109  
Sunrise, FL 33351

**Congratulations!**  
Advance Consulting Engineering Services, Inc d/b/a ACES, Inc is certified as a Minority or Woman Business Enterprise (MBE/WBE) with Broward College.

As a courtesy to Minority and Woman Business Enterprise firms, Broward College extends its Certification to your firm based on your certification from another public or government agency, school district, municipality or nonprofit organization.

We have received the required certification documentation in accordance with the certification procedures at Broward College. Advance Consulting Engineering Services, Inc d/b/a ACES, Inc has successfully met our criteria.

Broward College has implemented a Total Supplier Management System - Seahawk Sourcing - which allows you to upload your certification documentation. You will now provide your certification information through the Seahawk Sourcing website. (See attached letter)

Seahawk Sourcing will greatly enhance our supplier management capabilities by allowing suppliers 24 hour access to their company information. The system has many features to give better visibility to suppliers such as the ability to login and update commodity codes, address and contact information, upload insurance certificates, W-9 forms and MBE/WBE information and certificates.

We encourage you to log on to the web link below in order to complete your company registration and to update your current MBE or WBE certification.

<http://seahawktsourcing.broward.edu/Login.aspx>

In the future, you will be notified via email when your certification is about to expire. Certifications will expire on the date indicated on the certification certificate.

During the certification period you are required to update your company information should there be any changes. Those changes must be made through Seahawk Sourcing.

We are here to assist you with building business partnerships with Broward College. Should you have any questions you may contact us at [csullivan@broward.edu](mailto:csullivan@broward.edu) or 954-201-7898.

Sincerely yours,  
  
Shirley Gaaney Labrada  
Director, Supplier Diversity

AN EQUAL ACCESS/EQUAL OPPORTUNITY INSTITUTION

**Azucena (Susie) Soto, RRO**

hereby recognizes

**Azucena Soto,  
RRO**

as a

**Registered Roof Observer (RRO)**

**0159** **12/31/2014**  
REGISTRATION # EXPIRATION DATE

**State of Florida  
Department of State**

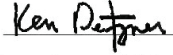
I certify from the records of this office that ADVANCE CONSULTING ENGINEERING SERVICES, INC. is a corporation organized under the laws of the State of Florida, filed on October 24, 1994.

The document number of this corporation is P94000077737.

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 13, 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 Thirteenth day of January, 2014*

  
**Secretary of State**

Authentication ID: CC4517420738

To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.  
<https://efile.sunbiz.org/certauthver.html>

**MIAMI-DADE COUNTY PUBLIC SCHOOLS**



MINORITY/WOMEN BUSINESS ENTERPRISE CERTIFICATE

THIS CERTIFIES THAT

**Advance Consulting Engineering Services, Inc.**  
IS A(N)  
Hispanic


OWNED AND CONTROLLED FIRM, PURSUANT TO  
MIAMI-DADE COUNTY PUBLIC SCHOOL BOARD POLICY 6320.02

5/14/2012  
ISSUE DATE

5/14/2014  
EXPIRATION DATE

6515806  
VENDOR NO.

  
MICHELLE HICKS-LEVY, COORDINATOR  
OFFICE OF COMPLIANCE AND BUSINESS SERVICES  
12555 NW 28TH AVENUE, ROOM 366  
MIAMI, FLORIDA 33167



**THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA**

**SUPPLIER DIVERSITY & OUTREACH PROGRAM**  
7720 W. Oakland Park Blvd., Suite 323  
Sunrise, FL 33351  
754-321-0550

**SCHOOL BOARD**

ANN MERRAY  
LARRY RICH LEVINSOHN  
ROBIN SMITH LEAN  
MAUREEN S. BENNETT  
PATRICIA COOKE  
DONNA P. KORN  
KATHERINE M. LEACH  
NORA RUFFERT  
BENJAMIN J. WILLIAMS

ROBERT W. BUNICE  
Superintendent of Schools

October 10, 2012

Advance Consulting Engineering Services, Inc.  
Ms. Azucena (Susie) Soto  
7800 West Oakland Park Blvd. Suite 109  
Sunrise, FL 33351

Dear Ms. Soto :

**CONGRATULATIONS!**

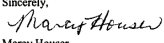
Your application for certification as a Minority/Women Business Enterprise (M/WBE) is approved. The enclosed certificate becomes valid when bids are advertised within your area of specialty. The Purchasing Department has entered into an agreement with DemandStar.com a government bid service provider. Although it is not necessary to be registered with them to do business with the SBBC, being a member of the DemandStar.com network provides many benefits. For more information on DemandStar.com, you may contact them at (800) 711-1712 or at [www.demandstar.com](http://www.demandstar.com). If your firm is qualified in the construction area please view <http://www.broward.k12.fl.us/constructioncontracts/home/home001.htm> for further assistance.

We encourage you to become an active bidder in the contracting and subcontracting opportunities with the School Board of Broward County. The following data reflects the manner in which your company is listed on the School Board's mainframe computer system.

Certificate Number: 7007-2506 - 96	
Certification Status: Oct 30, 2012 until Oct 30, 2015	
Minority Status: Hispanic-American (MBE)	
Trade or Service: Engineering Services	


Your certification is valid for a three (3) year period, and it is subject to review in order to verify continued eligibility. Should any change occur which may adversely affect the minority status of your company, please notify the Supplier Diversity & Outreach Program Office within fifteen (15) calendar days. Failure to do so may result in de-certification of your minority/women certification status.

Should you have any questions regarding your certification status with the School Board of Broward County, I may be reached at 754-321-0550. Also, if there are any questions regarding your certification status with the Broward Health, they may be reached at 954-831-2795 and Broward County Board of County Commissioners at 954-357-7800.

Sincerely,  
  
Nancy Houser  
M/WBE Specialist  
SUPPLIER DIVERSITY & OUTREACH PROGRAM

Enclosures (2)

Transforming Education: One Student at A Time  
Broward County Public Schools Is An Equal Opportunity/Equal Access Employer



miamidade.gov

Sustainability, Planning and Economic Enhancement Department  
111 NW 1 Street, 19<sup>th</sup> Floor  
Miami, Florida 33128  
T. 305-375-3111 F. 305-375-3160

February 1, 2012

Ms. Azucena Soto  
ADVANCE CONSULTING ENGINEERING SERVICES, INC.  
7800 W Oakland Park Blvd, Suite 109  
Sunrise, FL 33351

Dear Ms. Soto:


Small Business Development (SBD), a division of Sustainability, Planning and Economic Enhancement Department (SPEED) has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Community Business Enterprise (CBE) in accordance with section 2-10.4.01 of the Code of Miami Dade County.

This certification is valid for three years provided there are no changes rendering your firm ineligible for certification. You are required to submit a "Continuing Eligibility Affidavit" annually with specific supporting documents on or before your Anniversary Date as listed above. You will be notified in advance of your firm's Anniversary Date. Failure to comply with the said responsibilities may result in immediate action to decertify your firm. Every three years you will receive a full recertification review that may include an onsite investigation; SBD will also notify you accordingly.

If at any time during the certification period, there is a material change in your firm, including, but not limited to ownership, officers, Director, scope of work being performed, daily operations, affiliations with other business (es) or physical location of the firm, you must notify this office in writing within (30) days. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary.

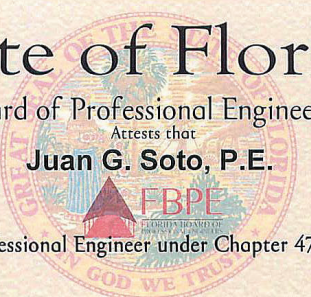
Your company is certified in the following categories as listed below, affording you the opportunity to bid and participate on contracts with small business measures. Please note that the categories listed are very general and are used only to assist our customers in searching the directory for certified firms to meet contract needs. The directory for all certified firms can be accessed on the Miami-Dade County SPEED website <http://www.miamidade.gov/sba>.

Thank you for doing business with Miami Dade County.

Sincerely,  
  
Sighn McGriff, Director  
Business Opportunity Support Services  
Small Business Development Division  
Sustainability, Planning and Economic Enhancement Department

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)  
GEOTECHNICAL & MATERIALS ENGINEERING SERVICES (CBE)  
ROOF TESTING AND CONSULTING (CBE)  
ENGINEERING SERVICES (CBE)

**Juan Soto, PE**



**State of Florida**  
Board of Professional Engineers  
Attests that  
**Juan G. Soto, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015 P.E. Lic. No: 42759  
Audit No: 228201507503

**BizNet Profile: ADVANCE CONSULTING ENGINEERING SERVICES INC**

<b>Name:</b> ADVANCE CONSULTING ENGINEERING SERVICES INC
<b>Business Description:</b> ENGINEERING SERVICES
<b>Street:</b> 7800 W OAKLAND PARK BLVD SUITE 109
<b>City:</b> SUNRISE <b>State:</b> FL <b>Zip:</b> 33351
<b>County:</b> BROWARD <b>District:</b> DISTRICT FOUR
<b>Phone:</b> (954) 746-6868 <b>Fax:</b> (954) 677-2230
<b>E-mail:</b> <a href="mailto:juansoto@acesinc.us">juansoto@acesinc.us</a>
<b>Work Location:</b>
<b>County:</b> ST. LUCIE BROWARD INDIAN RIVER MARTIN PALM BEACH
<b>District:</b> DISTRICT FOUR
<b>Contact:</b> JUAN G SOTO
<b>UCP Cert. DBE State Cert.:</b> OBE <b>UCP Certifying Member:</b> FDOT
<b>First SC:</b> 943 <b>First NAICS:</b> 54133
<b>2nd SC:</b> 300 <b>3rd SC:</b> 4th SC: 5th SC: 6th SC: 7th SC: 8th SC: 9th SC: 10th SC:
<b>2nd NAICS:</b> 3rd NAICS: 4th NAICS: 5th NAICS: 6th NAICS: 7th NAICS: 8th NAICS: 9th NAICS: 10th NAICS:
<b>ACDBE:</b> No

# ATKINS

## ARCHITECT-ENGINEER QUALIFICATIONS

### PART I—CONTRACT SPECIFIC QUALIFICATIONS

#### A. CONTRACT INFORMATION

1. TITLE AND LOCATION (CITY AND STATE)

**Continuing Contract for Cost Estimating Engineering Consulting Services**  
Miami, FL

2. PUBLIC NOTICE DATE  
February 2, 2014

3. SOLICITATION PROJECT NUMBER  
RFQ # 246-11374

#### B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Diego Clavijo, PMP, PSP, Vice President/Senior Program Manager

5. NAME OF FIRM

Atkins North America, Inc.

DUNS NUMBER

077283752 (Fort Lauderdale)

6. TELEPHONE NUMBER

954.733.7233,  
ext. 4013579

6B. CELL NUMBER

786.236.9147

7. FAX NUMBER

954.733.1101

8. EMAIL ADDRESS

diego.clavijo@atkinglobal.com

#### C. PROPOSED TEAM

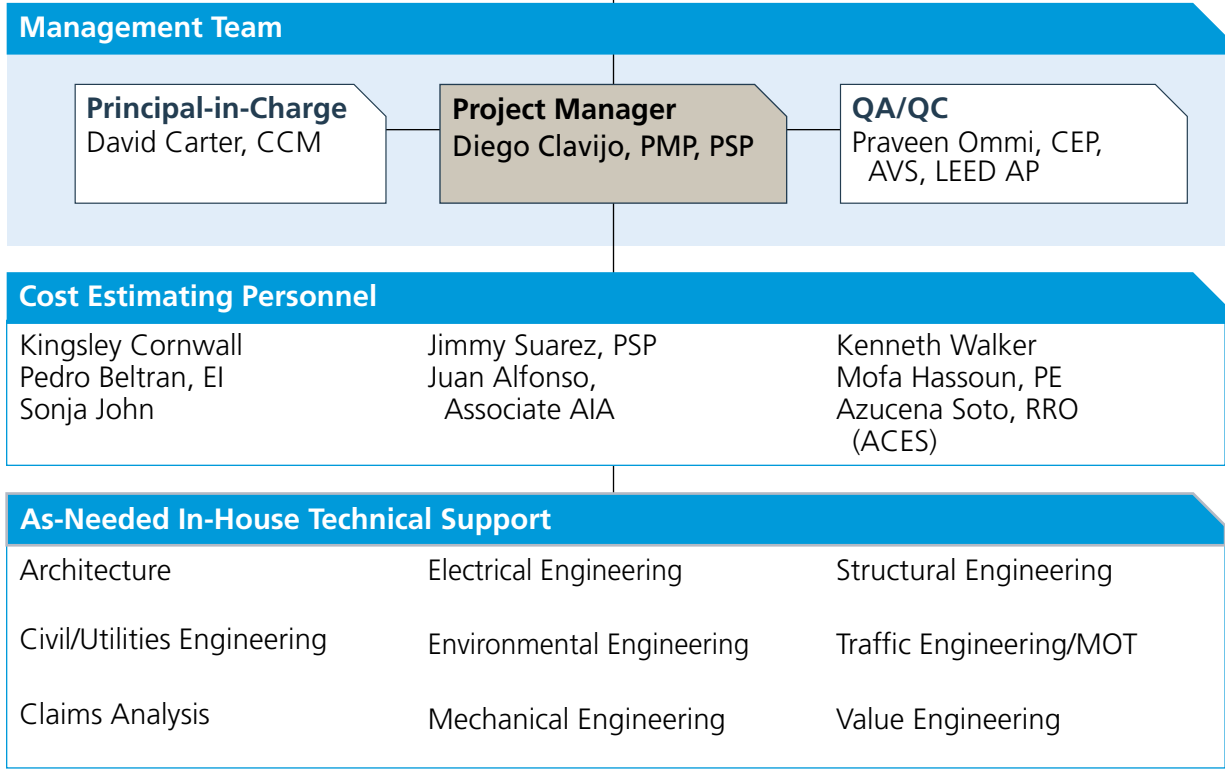
(Complete this section for the prime contractor and all key subcontractors.)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	JV PARTNER	SUBCON-TRACTOR			
a.	<input checked="" type="checkbox"/>			<small>[X] CHECK IF BRANCH OFFICE</small>	3230 W. Commercial Boulevard Suite 100 Fort Lauderdale, FL 33309	Project Management, Facilities Assessment
a.	<input checked="" type="checkbox"/>			<small>[X] CHECK IF BRANCH OFFICE</small>	2001 NW 107th Avenue Miami, FL 33172	Principal-in-Charge, Cost Estimating
b.	<input checked="" type="checkbox"/>			<small>[X] CHECK IF BRANCH OFFICE</small>	482 South Keller Road Orlando, FL 32810	Quality Control
c.			<input checked="" type="checkbox"/>	<small>[X] CHECK IF BRANCH OFFICE</small>	7800 W. Oakland Park Boulevard #109 Sunrise, FL 33351	Facilities Assessment  <i>M/WBE</i>

#### D. ORGANIZATIONAL CHART OF PROPOSED TEAM [X] (Attached)

Proposed team organization

**City of Fort Lauderdale**



**Subconsultant**  
 Advance Consulting Engineering Services, Inc. (ACES) *M/WBE*

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

(Complete one Section E for each key person.)

<b>12. NAME</b>	<b>13. ROLE IN THIS CONTRACT</b>	<b>14. YEARS OF EXPERIENCE</b>	
<b>David Carter, CCM</b>	Principal-in-Charge	a. TOTAL 32	b. WITH CURRENT FIRM 24

**15. FIRM NAME AND LOCATION (City and State)**  
Atkins, Miami, FL

<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b>	<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b>
B.S. / Architectural Engineering	N/A

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

David Carter is the national manager of construction consulting services, managing projects nationwide and performing construction consulting functions such as cost estimating, scheduling, document control, construction claims, and construction technology services. His 32 years of experience have included a range of projects, from billion-dollar programs to small municipal projects, for which he has been responsible for detailed cost estimating, scheduling, site inspection and testing, change orders, claims review and analysis, value engineering, and economic analysis. He has developed and statused project schedules, action items lists, and punch lists; performed building inspections and produced reports including cost estimates on repairs; and assisted in project management functions including review of contractor pay applications and schedule progress. Mr. Carter has extensive experience with project control software systems including Primavera and Microsoft Project. **Certification:** Certified Construction Manager (CCM). **Software:** Crystal Ball, MCACES/MII, Microsoft Project, Primavera, @ Risk. **Professional affiliations:** Association for the Advancement of Cost Engineering (AACE); Construction Management Association of America (CMAA).

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>Miami-Dade County Public Schools (M-DCPS) Construction Cost Estimating and Scheduling Contract, Miami, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Principal-in-charge/quality assurance</b> directly involved and/or supervises and provides quality assurance for all services—cost estimates at all stages of projects, life-cycle costs, and comparative analysis, and review of contractor schedules during construction, significantly reducing the claims submitted on school construction projects—including design-bid-build, design-build (D-B), and construction-management at-risk (CMAR) delivery methods. Cost: \$1B (est.).		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>Miami Dade College (MDC) Plans Review and Inspection Services, Miami, FL</b>	2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Principal-in-charge</b> for this MDC project consisting of performing code-related plan reviews and inspection services for various projects for all MDC campuses. Cost: \$50M+.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>School Board of Broward County (SBBC) Cost Estimating and Scheduling Services, Fort Lauderdale, FL</b>	2007	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Principal-in-charge</b> for this 3-year contract with SBBC, the second reselection to provide total program management support for the implementation of SBBC's 5-year work program. Cost: \$3M.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>School Buildings Recertification Inspections and Disability-Related Architecture-Engineering (A-E) Services, Miami, FL</b>	2004	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Principal-in-charge</b> for this miscellaneous services contract with M-DCPS involving 40-year recertification inspections and A-E services. Work orders addressed Americans with Disabilities Act (ADA) deficiencies at 22 schools. General completed tasks included identifying problems with exterior building envelopes that would allow water damage or contribute to mold and mildew within the building, upgrading toilet rooms, modifying sinks and drinking fountains, providing ramps and elevators, creating accessible parking spaces, and modifying fire alarm systems to meet current accessibility standards. Total Cost: \$5M (est.).		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>Tri-Rail Golden Glades Station Expansion Construction Management Services, Pompano Beach, FL</b>	2005	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager</b> for this South Florida Regional Transportation Authority (SFRTA) project that involved construction of a new passenger platform between tracks ML-1 and ML-2 at the Tri-Rail Golden Glades Station. Construction management and inspection services were provided for the platform, which included an information booth, vending area, and ticket vending area as well as canopies furnished with lights, message boards, benches, and trash receptacles. Cost: \$384K.		



### 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 OF EXPERIENCE	
<b>Diego Clavijo, PMP, PSP</b>	Project Manager	a. TOTAL 26	b. WITH CURRENT FIRM 17

15. FIRM NAME AND LOCATION (City and State) Atkins, Miami, FL
--

16. EDUCATION (DEGREE AND SPECIALIZATION) M.S. / Construction Management; M.B.A.; B.S. / Mechanical Engineering	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A
---	---

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

Diego Clavijo has 26 years of experience in program management, project management, scheduling, cost control, and claims. He has served as project manager on numerous contracts providing technical support for capital improvement programs (CIP) for clients including FDOT District Four (scheduling and other support services), Florida International University, City of Miami, SBBC, and M-DCPS. Mr. Clavijo has experience in, and a thorough understanding of, the processes and tools for CIPs including work program scheduling and programming, program management, project controls, project dashboard tools, funding allocation, database integration, and web reporting. He has also participated in several construction litigation cases as an expert consultant in the field of scheduling and cost estimating. **Certifications:** Project Management Professional (PMP), #55782, 2002. **Software:** Primavera, Project Planner (P3, P5, P6), SureTrak, Microsoft Project, RS Means. **Professional affiliations:** Project Management Institute; Association for the Advancement of Cost Engineering (AACEI).

#### 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>City of Miami – Capital Program Support Services, Miami, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager</b> for this support services contract for the City's CIP. Atkins provides core and supplemental staff to support the City's CIP operations including the areas of cost estimating, scheduling, claims analysis, civil engineering, GIS, structural engineering, traffic analysis, and right-of-way. Cost: \$750M (est.).		
	<b>FIU Cost Estimating and Scheduling Services, Miami, FL</b>	2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager</b> for this cost estimating and scheduling contract in support of FIU's Facilities Management Department. Support tasks performed under this contract included forensic investigation of curtainwall systems at the Recreation Center, conceptual cost estimate for underground utilities in preparation for the University's 5- and 10-year work program for expansion of the Medical Campus, and cost estimating for final GMP negotiation for the Health Network Center at PG5. Cost: \$100M.		
	<b>M-DCPS Construction Cost Estimating and Scheduling Contract, Miami, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Lead scheduler</b> responsible for leading a team of project controls personnel in schedule reviews, cost estimating, market studies, constructability reviews, site/facility assessments, change order reviews, claims/time analysis reviews, and GMP reviews for various significant projects at M-DCPS. Atkins is providing cost estimates at all stages of projects, life-cycle costs, and comparative analysis, and review of contractor schedules during construction, significantly reducing the claims submitted on school construction projects. Cost: \$1B (est.).		
	<b>FDOT District Four General Consulting – Scheduling, Web Development, GIS, and Database Support Services, Fort Lauderdale, FL</b>	2011	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager</b> for this scheduling and other support services contract. Contract Value: \$5.5M.		
	<b>School Board of Broward County (SBBC) Cost Estimating and Scheduling Services, Fort Lauderdale, FL</b>	2007	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager</b> for this 3-year contract with SBBC, the second reselection to provide total program management support for the implementation of SBBC's 5-year work program. Cost: \$3M.		



**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 OF EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
<b>Praveen Omni, CEP, AVS, LEED AP</b>	QA/QC	19	18

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

Atkins, Orlando, FL

**16. EDUCATION (DEGREE AND SPECIALIZATION)**

M.S. / Construction Management; B.S. / Civil Engineering

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

N/A

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

Praveen Omni has vast experience providing project control services on a variety of building, transportation, civil, and marine projects. He has extensive experience using estimating and scheduling software including MII, Micro-Computer-Aided Cost Engineering Systems (MCACES), Timberline, Primavera, and Microsoft Project. His experience includes developing cost estimates and schedules from conceptual stages to final design; participating in value engineering studies, bid analysis, site adaptation and GMP cost reviews, contract negotiations, pay application reviews, and change order reviews for cost and time extensions; and executing addenda and supplemental agreements for various projects. **Certifications:** Certified Estimating Professional (CEP), AACEI; Associate Value Specialist (AVS); LEED AP, USGBC. **Professional affiliation:** Society of Cost Estimating and Analysis.

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>SBBC Cost Estimating and Scheduling Services, Fort Lauderdale, FL</b>	2007	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimating project manager</b> for cost estimates and schedules for elementary, middle, and high schools. Some of the projects included new construction, repairs, renovations, and additions with task assignments that covered cost estimates and GMP reviews, bid analysis, schedule of values, pay application reviews, and change order reviews for cost and time extensions. Cost: \$3M.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>M-DCPS Construction Cost Estimating and Scheduling Contract, Miami, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Lead cost estimator</b> for cost estimates at all stages of projects, life-cycle costs, comparative analysis, and review of contractor schedules during construction, significantly reducing the claims submitted on school construction projects. Cost: \$1B (est.).		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>M-DCPS Life Safety and ADA Upgrades, Miami, FL</b>	2008	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Lead cost estimator</b> as part of A-E design services that included programming, design, construction documents, bidding, and construction administration to address fire safety deficiencies identified by the local fire marshal at 17 schools. Cost: \$6.3M (est.).		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>FIU Cost Estimating and Scheduling Services, Miami, FL</b>	2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>QC manager</b> for this cost estimating and scheduling contract in support of FIU's Facilities Management Department. Support tasks performed under this contract included forensic investigation of curtainwall systems at the Recreation Center, conceptual cost estimate for underground utilities in preparation for the University's 5- and 10-year work program for expansion of the Medical Campus, and cost estimating for final GMP negotiation for the Health Network Center at PG5. Cost: \$100M.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>Orange County Corrections Facility Booking and Release Center HVAC, BAS, and FA System Retrofit Project, Orlando, FL</b>	2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimating project manager</b> for development of a detailed construction cost estimate, a time determination schedule reflecting sequencing of the four construction phases, and a constructability review based on final construction drawings. This project involved retrofitting the HVAC, building automatic system (BAS), and fire alarm (FA) system supporting several floors of the facility. Due to the 24-hour ongoing critical and secure operations, construction is scheduled to be phased with significant nighttime work. Cost: \$883K.		



### 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 OF EXPERIENCE	
<b>Kingsley Cornwall</b>	Senior Estimator	a. TOTAL 21	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION (City and State)
Atkins, Miami, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
M.S., B.S. / Construction Management	N/A

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

Kingsley Cornwall has 21 years of experience that include construction and consulting, with a special emphasis in conceptual estimates, quantity surveying, and cost control. His experience covers both facilities and horizontal/infrastructure projects. Mr. Cornwall has extensive experience in developing estimates and providing cost controls for projects from concept through design and construction. Projects range in costs from \$10,000 to more than \$100 million. He has experience working on projects for various public and private clients, particularly local municipalities and educational agencies. Mr. Cornwall also has experience with various contract delivery methods including design-bid-build, D-B, and CMAR. **Certifications:** Certificate in Project Management, Institute of Management and Production, 2003; Occupational Safety and Health Administration (OSHA) 30-Hour OSHA Training Course. **Software:** Microsoft Projects, Primavera, On-Screen Takeoff, RS Means

#### 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>School District of Broward County Cost Estimating, Broward County, FL</b>	PROFESSIONAL SERVICES 2007	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimator</b> responsible for supporting review of change orders for several school projects. Developed independent estimates and assisted project managers in negotiating with contractors. Duties also included review of contractors bid proposals and making recommendations, performing site visits, attending site meetings, and performing facilities assessments for maintenance estimates (HVAC upgrades and general repairs). Cost: \$3M.		
	<b>City of Miami Capital Program Support Services (CPSS) for the Capital Improvement Program (CIP), Miami, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimator.</b> Under Atkins' current CPSS contract, Mr. Cornwall initially supported the implementation of best cost estimating practices for job order contracting (JOC) and individual projects. He also implemented state-of-the-art electronic quantity takeoffs software (On-Screen) to improve accuracy of JOC quantity verification. Mr. Cornwall also developed conceptual cost estimates to support the City's budgeting process for projects with limited design information including but not limited to parks, fire stations, utilities, offices, infrastructure, and facilities. His responsibilities under the CPPS contract have also included review of proposals for proper use of JOC items, verification of quantities, and negotiations with contractors and the City's project manager to arrive at fair and reasonable prices and proposals. Vertical and horizontal JOC projects have included the Police Department UPS upgrade, Police Department outdoor storage, Morningside Park building renovation, Shenandoah Recreation building renovation, Coral Gate roadway and wall improvements, NW 2nd Avenue (Overtown) roadway improvements, and Flagami Traffic calming circles. Cost: Varied.		
	<b>Broward County Debris Management Services, Broward County, FL</b>	PROFESSIONAL SERVICES 2006	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimator</b> responsible for developing cost estimates through site assessments for budgeting and FEMA recovery purposes for repairs and renovations caused by the damages to many infrastructure and facilities projects countywide. He assisted in assessing the damages, determined the appropriate means for repairs, prepared cost estimates and schedules to document the anticipated cost of the repairs; prepared documentation of all repairs in a format acceptable to FEMA; assisted in applying for and negotiating reimbursement from FEMA, and other agencies and organizations; and monitored the progress of the repairs of the damaged facilities which included parks, fire stations, utilities and offices. Cost: \$8M.		
	<b>Florida International University (FIU) Parking Garage No. 5 Interior Build-out (Heath Care Network), Miami, FL</b>	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Senior estimator</b> responsible for providing cost estimating support in the development of Atkins' independent cost estimate based on the architect's 100-percent construction documents. Mr. Cornwall was also involved in reviewing the construction manager's GMP proposal as well as developing potential cost-saving solutions, developing the estimate's pricing, and incorporating subcontractor's and vendor quotes. He used On-Screen software to provide an independent estimate of project quantities and compared against the construction manager's GMP estimating quantities. Cost: \$1.5M (est.).		

**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 OF EXPERIENCE	
<b>Pedro Beltran, EI</b>	Senior Estimator	a. TOTAL 21	b. WITH CURRENT FIRM 14

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

Atkins, Miami, FL

**16. EDUCATION (DEGREE AND SPECIALIZATION)**

B.S. / Civil Engineering

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

N/A

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

Pedro Beltran has 21 years of experience in the fields of construction management and contract administration associated with large work programs—from the solicitation process to bid, award, and additional work negotiations. He has in-depth knowledge of the design and construction of vertical and horizontal projects and has supported governmental clients in the preparation of RFQ/RFPs, project scoping, scoping meetings, prebid meetings, preconstruction meetings, bid reviews and negotiations, and award recommendations. Mr. Beltran has also managed multiple construction contracts and negotiated change orders for extra work and time. He has proven experience and abilities serving as an extension of staff for such clients as the City of Miami and Miami-Dade County Seaport Department. As an extension of City of Miami staff, Mr. Beltran has a comprehensive understanding of job order contracting (JOC), project activation, project funding, and closeout processes, among others. His proven ability to help manage the JOC program is demonstrated by his management of more than 400 construction work orders totaling approximately \$43 million. His past experience includes the management of quality control programs and construction engineering for governmental projects including educational, office building, highway, rail, and recreational facilities. Mr. Beltran's work experience ranges from the administration of conventional design-bid-build and construction manager-at-risk projects to award-winning design-build contracts. **Certifications:** Engineer Intern (EI), Florida 1100003846, 1994; Stormwater Management Inspector Certification, 2129; Advanced Work Zone Traffic Control Certification. **Software:** JOC, RS Means.

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>Capital Improvement Projects, City of Miami, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Job order contracting (JOC) program administrator</b> responsible for the procurement, change order, and project closeout processes of construction projects via work orders. In the same capacity, Mr. Beltran is in charge of cost estimating for the program. Cost: \$25M (annual total).		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>FDOT District Four, Intelligent Transportation System (ITS) Operations Facility, Broward County, FL</b>	2011	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project administrator</b> responsible for overseeing the construction inspections and contract administration of this two-story, 43,000-square-foot office facility, including the review and processing of pay estimates; review of updated schedules; processing of supplemental agreements; and coordination with the general contractor, systems subcontractor, architect-of-record, engineer-of-record, and code agencies. As <b>ITS coordinator</b> and <b>member of the ITS committee</b> setup for this project, Mr. Beltran was responsible for oversight of the ITS contractor's subsystems and systems design submittals, shop drawing and systems acceptance test plan reviews, coordination with FDOT ITS and the Design Criteria Engineer during design, implementation, deployment, and acceptance of the ITS System, premises wiring, and plant fiber-optic installed in connection with this facility. He was also responsible for the project budget and the request for additional funding as well as obtaining approval for additional scope from the Federal Highway Administration (FHWA). Cost: \$10.5M.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>South Florida Regional Transportation Authority (SFRTA), Tri-Rail Double Tracking Project, Miami-Dade, Broward and Palm Beach Counties, FL</b>	2005	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Field oversight manager</b> responsible for overseeing all quality assurance as well as the field auditor staff of the 45-mile double tracking project, which includes the construction of 12 train stations for Tri-Rail. As part of the program management consultant team, Mr. Beltran was also responsible for overseeing the design-build firm's quality assurance program with the assistance of six, full-time construction auditors. Cost: \$334M.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>FDOT District Four, I-95 Pump Station, Broward County, FL</b>	2002	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager</b> responsible for managing, overseeing inspections and contract administration for this design-build project, including the review and processing of pay estimates, review of updated schedules, and processing of extra work and supplemental agreements. Cost: \$11.2M.		



### 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 OF EXPERIENCE	
<b>Sonja John</b>	Estimator	a. TOTAL 10	b. WITH CURRENT FIRM 7

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

Atkins, Miami, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
M.Sc. / Construction Management B.A. / Architecture	N/A

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

With 10 years of experience as an estimator/scheduler, Sonja John is responsible for preparing cost estimates and developing construction schedules. She has experience developing cost estimates for educational facility, transportation, and civil engineering projects. She also has experience using Microsoft Project, R.S. Means, and AutoCAD. Her experience includes developing cost estimates from the conceptual stages of a project through final design for new projects, renovations, and remodeling projects, as well as change order reviews for cost and time extensions. **Software:** Microsoft Project, R.S. Means, AutoCAD, On-Screen Takeoff. **Professional development:** Occupational Safety and Health Administration (OSHA) 30-Hour Occupational Safety and Health Training Course in Construction Safety and Health.

#### 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>School District of Broward County Cost Estimating, Broward County, FL</b>	2007	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimator</b> responsible for supporting review of change orders for several school projects. Ms. John developed independent estimates and assisted project managers in negotiating with contractors. Her duties also included review of contractors bid proposals and making recommendations, performing site visits, attending site meetings, and performing facilities assessments for maintenance estimates (HVAC upgrades and general repairs). Cost: \$3M.		
	<b>City of Miami Capital Program Support Services (CPSS) for the Capital Improvement Program (CIP), Miami, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimator</b> supporting the City's budgeting process for projects with limited design information including but not limited to parks, fire stations, utilities, offices, infrastructure, and facilities. Cost: Varied.		
	<b>M-DCPS Construction Cost Estimating and Scheduling Contract, Miami, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimator</b> for cost estimates at all stages of projects, life-cycle costs, comparative analysis, and review of contractor schedules during construction, significantly reducing the claims submitted on school construction projects. Cost: \$1B (est.).		
	<b>Florida International University (FIU) Parking Garage No. 5 Interior Build-out (Heath Care Network), Miami, FL</b>	2011	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimator</b> responsible for providing cost estimating support in the development of Atkins' independent cost estimate based on the architect's 100-percent construction documents. Also involved in reviewing the construction manager's GMP proposal as well as developing potential cost-saving solutions, developing the estimate's pricing, and incorporating subcontractor's and vendor quotes. Used OnScreen software to provide an independent estimate of project quantities and compared against the construction manager's GMP estimating quantities. Cost: \$1.5M (est.).		

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

(Complete one Section E for each key person.)

<b>12. NAME</b>	<b>13. ROLE IN THIS CONTRACT</b>	<b>14. YEARS OF EXPERIENCE</b>	
<b>Jimmy Suarez, PSP</b>	Senior Scheduler	a. TOTAL 11	b. WITH CURRENT FIRM 7

**15. FIRM NAME AND LOCATION (City and State)**  
Atkins, Miami, FL

<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b>	<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b>
M.S., B.S. / Construction Management; A.A. / Architecture	N/A

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

Jimmy Suarez is a senior scheduler in the project controls group, which is responsible for developing and reviewing construction schedules and preparing cost estimates. His 11 years of experience includes developing and reviewing schedules and supporting claims analysis from the conceptual stages of a project through construction. Project experience includes transportation, transit, facilities, commercial, and civil projects. **Certifications/licenses:** Planning & Scheduling Professional (PSP), Association for the Advancement of Cost Engineering International (AACEI), Certificate No. 904-12, 2012; Occupational Safety and Health Administration (OSHA) 30-Hour OSHA Training Course in Construction Safety and Health. **Software:** AutoCAD, Timberline, Primavera Project Planner P3, Primavera Project Management P5 & P6, SureTrak, Microsoft Projects, Schedule Analyzer Pro, Schedule Analyzer Enterprise, Claim Digger.

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>Port of Miami (POM) Wharf and Capital Improvement Plan Projects Construction Engineering and Inspection Services, Miami, FL</b>	2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Senior scheduler</b> responsible for reviewing baseline schedules with an emphasis on logic, cost, and resource analysis (using Primavera P6, P3, and Microsoft Projects). During construction, Mr. Suarez. reviews schedule updates and time extension requests. He also provides POM with project status based on cost and resource analysis. Construction projects include new construction, renovations, and additions. Atkins is providing construction oversight and management on behalf of the Miami-Dade Seaport Department, serving as an extension of the County's staff and working with the best interest of the public in mind during execution of all project tasks. Cost: Varied.		
	<b>Collier Area Transfer (CAT) Intermodal Station at Collier County Government Center, Naples, FL</b>	2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Senior scheduler</b> responsible for developing a construction schedule for a building addition (using Primavera P6). This project involved the addition of new CAT offices, new passenger terminal platform, and busway to an existing parking garage in the Collier County Government Center. Atkins provided architectural-engineering services for the design of a new, 10,300-square-foot facility for the Department of Alternative Transportation Modes (ATM). Cost: \$4.5M.		
	<b>M-DCPS Construction Cost Estimating and Scheduling Contract, Miami, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As <b>senior estimator/scheduler during preconstruction</b> , reviewed preliminary schedules as well as baseline schedules in SureTrak, P3, and P6, emphasizing logic, cost, and resource analysis. During construction, he reviewed schedule updates and time extensions for various elementary, middle, and high schools. He provides client with project status based on cost and resource analysis, emphasizing compliance with contract documentation, logic, cost, and resources. Cost: \$1B (est.).		
	<b>City of Miami Capital Program Support Services (CPSS) for the Capital Improvements Program, Miami, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Senior scheduler</b> for support services associated with program coordination/management, job order contracting (JOC) program management, cost estimating, project controls, planning and scheduling, facility assessment, contract compliance, and forensic investigation, among others. Cost: \$750M (est.).		
	<b>SBBC Cost Estimating and Scheduling Services, Fort Lauderdale, FL</b>	2007	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As <b>senior estimator/scheduler</b> , reviewed baseline schedules, schedule updates, and time extensions for various middle, elementary, and high schools. He provided the client with project status based on cost and resource analysis. Projects included new construction, repairs, renovations, and addition. Cost: \$3M.		

### 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 OF EXPERIENCE	
<b>Juan Alfonso, Associate AIA</b>	Lead Estimator	a. TOTAL 18	b. WITH CURRENT FIRM 16

15. FIRM NAME AND LOCATION (City and State)  
Atkins, Miami, FL

16. EDUCATION (DEGREE AND SPECIALIZATION) | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
M.S., Construction Management; B.A. / Architecture | N/A

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

Juan Alfonso is a results-oriented project controls professional with 18 years of substantial experience in scheduling, estimating, claims, and design development experience involving project controls and software systems. He has extensive experience developing cost estimates from the conceptual to bidding stages, bidding strategies, comparative analysis, and value engineering, as well as supporting other related functions such as review of construction managers' cost estimates and guaranteed maximum price (GMP), review of contract documents, and negotiations support for various municipal, governmental, public and private, and federal clients. He has been supporting these types of projects for many years and has developed a focused approach to provide accurate costs for projects that has enabled him to maintain a high level of accuracy in his cost estimates for clients. **Certifications:** Certified Uniform Building Code Inspector (UBCI); American Institute of Architects (AIA), US30218671.

#### 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>South Pointe Park Pier Design and Construction Administration Services, Miami Beach, FL</b>	2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimator/project manager</b> responsible for managing a team of cost estimators and providing claims/time analysis reviews. Atkins is developing a new design, overseeing permitting efforts with multiple agencies, and providing construction administration services for redesign and replacement of the \$4 million, South Pointe Park Pier for the City of Miami Beach. The pier's superstructure will be replaced within a similar footprint, while also improving the aesthetic appearance and user experience in a manner that is complementary to the current South Pointe Park identity. Cost: \$4M.		
	<b>Arthur Snyder Tennis Complex Construction Documents City of North Miami Beach, FL</b>	2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimator/scheduler</b> for assistance with full master planning services, architectural design for the clubhouse, landscape architecture, civil engineering, and ecological science services for the site development of the project. Cost estimating was also provided at the master plan level to support the City's effort with regard to budgetary and funding issues. Cost: \$5.5M.		
	<b>M-DCPS Construction Cost Estimating and Scheduling Contract, Miami, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager</b> responsible for leading a team of project controls personnel in cost estimating, market studies, schedule reviews, constructability reviews, site/facility assessments, change order reviews, claims/time analysis reviews, and GMP reviews for various significant projects at M-DCPS. Atkins is providing cost estimates at all stages of projects, life-cycle costs, and comparative analysis, and review of contractor schedules during construction, significantly reducing the claims submitted on school construction projects. Cost: \$1B (est.).		
	<b>Construction Cost Estimating Services, Broward County, FL</b>	2007	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Cost estimator</b> for the development of cost estimates and schedules for elementary, middle, and high schools. Some of the projects included new construction, repairs, renovations, and additions with task assignments that covered cost estimates and GMP reviews, bid analysis, schedule of values, pay application reviews, and change order reviews for cost and time extensions. This 3-year contract with the School Board of Broward County (SBBC) is the second reselection to provide total program management support for the implementation of SBBC's 5-year work program. From pre-construction to post-construction activities, comprehensive project control services have included cost estimating, scheduling, document management, inspection, and the development of a master project schedule for more than 120 schools and administrative facilities for the SBBC facilities needs assessment. Cost: \$5.5M.		

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

(Complete one Section E for each key person.)

<b>12. NAME</b>	<b>13. ROLE IN THIS CONTRACT</b>	<b>14. YEARS OF EXPERIENCE</b>	
<b>Kenneth Walker</b>	Senior Estimator	a. TOTAL 30	b. WITH CURRENT FIRM N/A

**15. FIRM NAME AND LOCATION (City and State)**  
Independent Contractor, Miami, FL

<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b>	<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b>
B.S. / Construction Engineering Technology A.A., A.S. / Building Construction Technology	N/A

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

Kenneth Walker has 30 years of experience (more than 15 of which were with Atkins) with various projects in the construction industry, including developing and updating cost estimates, reviewing change orders, developing schedules, performing site inspections, producing reports, and assisting with project management functions. Mr. Walker has extensive cost estimating and controls experience in higher educational facilities, housing facilities, environmental, railroad and transportation projects and will be an asset to this project team. Mr. Walker's experience developing cost estimates spans from the conceptual through all the design phases and includes bid analysis and negotiations support with contractors as well as change order reviews and other cost control measures during construction. **Certifications:** Supervisor Certification Program, 1993; Certificate of Achievement/Construction Engineer (DAC). **Software:** RS Means, Primavera, MCACES, Microsoft Project. **Professional affiliations:** Association for the Advancement of Cost Engineering (AACE), Association of General Contractors (AGC), Habitat for Humanity.

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>Miami-Dade County School Board, Miami, FL</b>	2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Senior cost estimator/scheduler</b> developed cost estimates from conceptual to detailed cost estimates, performed bid analysis reviews, reviewed change orders, represented the owner in the administration of construction coordination and quality oversight activities, and monitored the progress of work by each construction inspection services (CIS) consultant. Projects included Horace Mann Middle School (remodeling and renovations cost estimate); Hialeah Miami Lakes Senior High School (modular building cost estimate); QZAB Campbell Middle School and Miami Southridge Senior High (cost estimates); Holmes Elementary and Norland Middle Portable Replacement Project (cost estimates); Eugenia B. Thomas Elementary Site Adaptation Modular Building (cost estimate); Brownsville Middle School Additions and Renovations (cost estimate); Caribbean Elementary School (independent cost estimate and analysis of contractor's bids); Uniform Building Code Inspections (UBCI) Closeout Projects at Six Schools (cost estimates); Coral Reef Elementary Closeout (punchlist, site work, and allowances); North Dade Middle School, 8-inch Force Main and Pump Station (cost estimate); Coral Gables Senior High Sanitary Sewer Connection (cost estimate); Design and Architecture Senior High School Renovations (cost estimate); NE Transportation Center (order of magnitude cost estimate for relocation of the NE Transportation Center); Maya Angelou School (claims support); North Central School (claims support); State School PPP (review of schedule update #28); Westview Middle School (change order request review #003); and State School HHH (change order request review #46). Cost: Varied.		
	<b>School Board of Broward County, Broward County, FL</b>	2007	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Senior cost estimator/scheduler</b> for projects that included Royal Palm Elementary (cost estimating and scheduling); Circle Site PLC (cost estimating and scheduling); State School LL (cost estimate for closeout documents); Sunshine Elementary ADA Restrooms (cost estimate); The Quest Center – ADA Restrooms Compliance (cost estimate); North Andrews Gardens Elementary (change order reviews); Western High School, Softball Gender Equity (independent cost estimate); Fort Lauderdale High School, Fire Alarm and Master/Clock Renovations (independent cost estimate); and Dillard High School – Recording Studio (independent cost estimate). Cost: \$3M.		
	<b>Bus Transit Facility and Office/Maintenance Facility with Fuel Facility and Bus Wash, City of Key West, FL</b>	2009	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Senior cost estimator</b> responsible for developing the conceptual cost estimate for this 10,000-gsf bus transit facility. Cost: \$8M+.		
	<b>FLL New Runway 9R-27L Expansion Design and Design-Build Support, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL</b>	2013	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Senior cost estimator</b> for developing detailed cost estimates. the design of the new airport runway. Cost: \$225M (est.).		

### 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 OF EXPERIENCE	
<b>Mofa Hassoun, PE</b>	Facilities Assessment	a. TOTAL 27	b. WITH CURRENT FIRM 13

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

Atkins, Fort Lauderdale, FL

#### 16. EDUCATION (DEGREE AND SPECIALIZATION) | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

B.S. / Civil Engineering

FL, MO / Professional Engineer

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

Mofa Hassoun has 27 years of experience in providing project engineering, program and project management, construction administration, code enforcement inspection, and technical plans review. His background also involves performing condition assessments, coordinating the preparation of cost estimates, developing construction schedules, coordinating biddability and constructability reviews, and providing water resources and environmental services. He has managed the preparation of inspection reports for field observations and associated estimated/escalation costs for a range of construction projects for commercial/residential buildings, community colleges, civil works, public schools, and rail systems. **Certifications/licenses:** UBCI Certification, 1994–2004; State Requirements for Educational Facilities (SREF) and Chapter 423 of the Florida Building Code (FBC) Certificate, 2004, 2006, and 2011; Department of Community Affairs (DCA), Hurricane Shelters Evaluation Certificate, 2005; Florida Principles & Practices (P&P) Certification, 2007. **Professional affiliations:** American Society of Civil Engineers (ASCE); CMAA; Florida Educational Facilities Planners Association (FEFPA); International Code Council (ICC), formerly known as Southern Building Code Congress International (SBCCI).

#### 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>MDC Plans Review and Inspection Services, Miami, FL</b>	2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager and lead plan reviewer/building code inspector</b> responsible for overall staffing requirements and coordination for various projects to verify compliance with all applicable building and life-safety codes. This project for MDC consists of performing code-related plan reviews and inspection services for various projects for all MDC campuses. Total Cost: \$50M+.		
	<b>Westside Booster Pump Station, Miami International Airport, FL</b>	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager</b> responsible for construction of a new sewage booster pump station for the Miami-Dade Aviation Department (MDAD) cargo area. Provided review and documentation such as responses to requests for information (RFI), change orders (CO), maintenance-of-traffic plans (MOT), requisitions for payments, and all correspondence with the MIA project manager, A-E, and contractor, inclusive of all financial tracking for the project. Cost \$2.2M.		
	<b>MDC Wolfson Campus, Miami Culinary Institute, Miami, FL</b>	2011	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager</b> responsible for project management and served as lead building code inspector and plans reviewer to verify compliance with all applicable building and life safety codes. Atkins provided complete A-E design services for this MDC project, which achieved LEED Gold certification. The eight-story landmark urban infill building boasts state-of-the-art cooking labs, television studio, restaurant, and café. Cost: \$17.5M.		
	<b>M-DCPS Castaldi Studies, Miami, FL</b>	2009	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager and lead field inspector</b> responsible for the inspection of existing conditions at various schools. Fee: \$26K (est.).		
	<b>M-DCPS 5-Year Educational Plant Survey Consultant, Miami, FL</b>	2003	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project manager and lead field inspector</b> responsible for overall staffing coordination of field assessments and general QA/QC of all deliverables including recommendation for corrective work based on field assessment findings and associated cost estimates. This project involved 5-year educational plant survey assessments of more than 50 school facilities within Miami-Dade County. Cost: \$10K–\$500K.		



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

(Complete one Section E for each key person.)

<b>12. NAME</b>	<b>13. ROLE IN THIS CONTRACT</b>	<b>14. YEARS OF EXPERIENCE</b>	
<b>Azucena (Susie) Soto, RRO</b>	Facilities Assessment	a. TOTAL 28	b. WITH CURRENT FIRM 14
<b>15. FIRM NAME AND LOCATION (City and State)</b>			
Advance Consulting Engineering Services, Sunrise, FL			
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b>	
B.S., Civil Engineering		USA / Registered Roof Observer 0159, RCI	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publication, Organizations, Training, Awards, etc.)</b>			

Susie Soto has 28 years of extensive experience in the construction industry related to facility assessment, testing, roofing, and waterproofing. As a senior consultant, Ms. Soto is responsible for client development, project proposals, and scheduling activities. In this capacity, she is responsible for technical and administrative functions associated with the preparation of plans and specifications, multiple nondestructive moisture survey techniques, water intrusion studies and testing, development of operations, maintenance, and multiple roof testing and related services. Ms. Soto's extensive experience with computer programs assists in the development of the most site-specific, detailed roof services available. **Professional affiliations:** RCI, ASCE, WPI. **Professional development:** University of Puerto Rico, Mayaguez Campus, 2 years of post-graduate master studies in geotechnical engineering, 1984.

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>City of Sunrise Fire Stations #39 and #83, Sunrise, FL</b>	2009	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Subconsultant to Atkins/senior consultant</b> for the stucco investigation at these two fire stations. A full perimeter wall tapping test was performed to determine areas of delaminated stucco. These areas were marked on the walls. Roof cores were taken to determine the stucco composition. Cost: \$585K (est.).		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Florida International University (FIU) Wellness Center, Miami, FL</b>	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Subconsultant to Atkins/senior consultant</b> involved in water intrusion investigation due to building envelope failures. This project involved window American Architectural Manufacturers Association (AAMA) water testing, stucco sounding, and coring tests; roof survey; and flood test. Ms. Soto developed building survey reports. Cost: N/A.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Miami Beach Water Intrusion Investigation at Parking Garage, Miami Beach, FL</b>	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Subconsultant to Atkins/ACES consultant</b> to determine the possible source(s) of water intrusion inside the parking garage located under a pool deck. Past of the technical support team for negotiations. Roof survey to develop a roof maintenance program. Cost: \$678K (est.).		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>FLL New Runway 9R-27L Expansion Design and Design-Build Support, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Subconsultant to Atkins/ACES project manager</b> during the geotechnical investigation for the design of the new airport runway. Locating more than 100 SPT borings, CBRs, and percolation tests. Cost: \$225M (est.).		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Flagler Station, Medley, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Roof consultant</b> for managing the repair process and maintenance program for more than 39 buildings with roof areas ranging from 100,000 to 300,000 square feet. This project includes roof assessment and testing, development of roof plans and specifications for reroofing projects, water intrusion studies, pull out tests, and moisture survey. Cost: \$250K.		



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

20. EXAMPLE PROJECT KEY NUMBER

1

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

21. TITLE AND LOCATION (CITY AND STATE) <b>City of Miami Capital Program Support Services (CPSS) for the Capital Improvements Program</b> Miami, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

A. PROJECT OWNER City of Miami	B. POINT OF CONTACT NAME Jeovanny Rodriguez, PE, Assistant Director, Capital Improvement Program	C. POINT OF CONTACT TELEPHONE NUMBER 305.416.1225
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)**

**RFQ relevancy**

- Cost estimating (for all CSI divisions)
- Capital costs estimating
- Program cost estimating
- Projects prioritization support
- Quantity surveying
- Detailed quantity take-off
- Bid analysis
- Cost evaluation
- Market trends price analysis
- Cost control
- JOC management

**Project team members**

- David Carter, CCM
- Diego Clavijo, PMP, PSP
- Praveen Ommi, CEP, AVS, LEED AP
- Kingsley Cornwall
- Pedro Beltran, EI
- Sonja John
- Jimmy Suarez, PSP
- Juan Alfonso, Associate AIA
- Kenneth Walker
- Mofa Hassoun, PE

**Estimated construction cost:**  
\$750 million (various projects)

The City of Miami's Capital Improvement Program (CIP) is responsible for the planning, coordination, implementation, and monitoring of all construction-related capital projects in the city and for the financial management of all capital funds. The City's current CIP and multiyear plan encompass more than 300 projects valued at nearly \$750 million for FY2008–2013. The City's work program includes parks, roadways, recreational facilities, police and fire stations, drainage improvements, and other key vertical and horizontal projects.

Atkins completed more than 90 work orders, providing program support staff and specialty services to efficiently assist the City's CIP Office in the delivery and control of its capital plan. Through Atkins' flexible staffing capabilities, the City was able to adjust the required level of support services for core staff (full-time professionals collocated with City CIP staff) and supplemental staff to be assigned to specific project tasks on an as-needed basis. Support services were provided in program coordination/management, job order contracting (JOC) program management, cost estimating, project controls, planning and scheduling, facility assessment, contract compliance, and forensic investigation, among others.

Atkins' program controls professionals assist the City to prepare the final cost estimate report that is the basis for validation and update of the CIP budget. The accuracy and completeness of the project scope and corresponding cost estimates prepared by Atkins have a direct bearing on the overall capital project plan's budget calculations and funding needs. Our professionals also assist in the preparation of the CIP budget (from initial budget to actual expenditures), cash flow, spend-down, and status for each project, including solicitation.



College of Policing/School for Law Studies, Homeland Security and Forensic Sciences

"Since 2008, Atkins has been providing Capital Program Support Services (CPSS) for the City's CIP. To date, the firm has successfully executed more than 90 work orders in all areas of program/project management... Atkins has provided a qualified and responsive team of engineering and construction professionals ... the working relationship between the City of Miami and Atkins has been to our utmost satisfaction..."

—Albert Sosa, PE, Director, City of Miami Capital Improvement Program, September 26, 2012

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

a.	(1) FIRM NAME Atkins	(2) FIRM LOCATION Fort Lauderdale, FL <sup>1</sup> ; Miami, FL <sup>2</sup> ; Orlando, FL <sup>3</sup>	(3) ROLE <sup>2</sup> Program Management; <sup>2,3</sup> Estimating; <sup>2</sup> Scheduling; <sup>1</sup> Construction Administration
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(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

21. TITLE AND LOCATION (CITY AND STATE) <b>City of Miami Beach Constructability, Cost, and Value Engineering Review Services</b> Miami Beach, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

A. PROJECT OWNER City of Miami Beach	B. POINT OF CONTACT NAME David Martinez, PE, LEED AP, Director, Capital Improvement Projects	C. POINT OF CONTACT TELEPHONE NUMBER 305.673.7071
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)

**RFQ relevancy**

- Cost estimating (for all CSI divisions)
- Program cost estimating
- Quantity surveying
- Market trends price analysis
- Cost control
- Cost evaluation
- Material pricing
- Claims mitigation

**Project team members**

- David Carter, CCM
- Diego Clavijo, PMP, PSP
- Praveen Ommi, CEP, AVS, LEED AP
- Kingsley Cornwall
- Pedro Beltran, El
- Sonja John
- Jimmy Suarez, PSP
- Juan Alfonso, Associate AIA
- Kenneth Walker
- Mofa Hassoun, PE
- Azucena Soto, RRO (ACES)

**Estimated construction cost:**

\$100,000–\$5 million (various projects)

The City of Miami Beach is in the process of implementing a capital improvement program with active projects representing approximately \$700 million in total value. Atkins is supporting the City by helping identify constructability issues and minimize unforeseen conditions in projects, which will mitigate the attendant impact on project costs and schedules. These services are intended to bring forth a more expansive approach to determining cost adjustments during the design process, as well as through the bidding and value engineering (VE) stages of a project. Atkins' scope of services consists of the following:

- Provide detailed quantity take-off of materials required to complete projects.
- Provide detailed estimate of labor and material costs in an Excel spreadsheet format showing unit prices, based on past comparable unit costs specifically associated with the south Florida market.
- Provide detailed constructability review with recommendations for alternate means and methods of construction activities, VE, scheduling, and construction sequencing that will potentially reduce costs of the project.
- Provide a cost comparison to a recognized construction cost estimating service adjusted for south Florida construction (RS Means or equivalent).
- Identify any comparable projects (including completion dates) that were used to develop construction cost estimates.
- Support City staff and participate in VE reviews with contractor.
- Support City staff in the bidding and award phase of projects.

Cost estimating projects to date include the following:

- New Public restrooms at 53rd and 6th street locations
- City Hall, 2nd floor renovations
- Collins Park Garage
- Flamingo Park, Tennis Center
- Murano Grande, recreational deck restoration
- Scott Rakow Youth Center, addition and renovations
- Muss Park renovations
- Par 3 Golf Course
- South Pointe Park Pier
- Venetian Islands ROW infrastructure improvement



Scott Rakow Youth Center



Muss Park



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

a.	(1) FIRM NAME Atkins	(2) FIRM LOCATION Fort Lauderdale, FL <sup>1</sup> ; Miami, FL <sup>2</sup> ; Orlando, FL <sup>3</sup>	(3) ROLE <sup>2,3</sup> Cost Estimating; <sup>2</sup> Scheduling; <sup>1</sup> Construction Administration
b.	(1) FIRM NAME ACES	(2) FIRM LOCATION Sunrise, FL	(3) ROLE Facilities Assessment

**ATKINS****F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT***(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

**3**

21. TITLE AND LOCATION (CITY AND STATE) <b>Miami-Dade County Seaport Department Cost Estimating and Scheduling Services for Parking Garage D and E</b> Miami, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

A. PROJECT OWNER PortMiami	B. POINT OF CONTACT NAME Juan Bergouignan, Construction Manager	C. POINT OF CONTACT TELEPHONE NUMBER 305.347.4974
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)****RFQ relevancy**

- Cost estimating (for all CSI divisions)
- Detailed quantity take-off
- Material pricing
- Cost evaluation
- Scheduling
- Cost control
- Constructability reviews

**Project team members**

- David Carter, CCM
- Diego Clavijo, PMP, PSP
- Praveen Ommi, CEP, AVS, LEED AP
- Kingsley Cornwall
- Pedro Beltran, EI
- Sonja John
- Jimmy Suarez, PSP
- Juan Alfonso, Associate AIA
- Kenneth Walker

**Estimated construction cost:**  
\$10.4 million

Serving as a subconsultant, Atkins was responsible for construction cost estimating, scheduling, and constructability reviews; and civil, electrical, and mechanical engineering for two 870-space parking garages at PortMiami.

Atkins was the engineer-of-record for the two parking facilities that are four-story precast concrete structures located directly opposite new cruise terminals D and E at the port. Parking Garage E has been designed and is on hold until funds become available to build it. Parking Garage D was bid and awarded at a construction cost of \$12.5 million with construction completed in November 2010. The facility is a state-of-the-art parking complex for cruise ship passengers with a full complement of parking controls, security, and revenue collection systems.

Currently each parking level consists of 61,500 square feet for a total parking facility area of 248,309 square feet. The parking garages were designed with the intent to expand the facility to six stories for an additional 350 parking spaces.



Parking Garage D

Atkins' program controls group performed constructability reviews and prepared detailed construction cost estimates including quantity takeoffs and unit pricing for materials and labor. The program controls group also reviewed and analyzed bids received and prepared a bid evaluation record for use by PortMiami.

Atkins also provided construction administration services to PortMiami for construction of Parking Garage D. Services included reviewing contractor submittals (shop drawings) and requests for substitutions, interpreting contract documents, and reviewing contractor pay applications. Atkins also attended construction progress meetings and performed periodic site reviews during construction.

Atkins' program controls group performed constructability reviews and prepared detailed construction cost estimates including quantity take-offs and unit pricing for materials and labor. The group also reviewed and analyzed bids received and prepared a bid evaluation record for use by PortMiami.

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

a.	(1) FIRM NAME Atkins	(2) FIRM LOCATION Miami, FL <sup>1</sup> ; Orlando, FL <sup>2</sup>	(3) ROLE <sup>1,2</sup> Cost Estimating; <sup>1</sup> Scheduling
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(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

21. TITLE AND LOCATION (CITY AND STATE) <b>Miami-Dade County Bicentennial Park Seawall Structural Investigation – Parcel B</b> Miami, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION (if applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

A. PROJECT OWNER Miami-Dade County	B. POINT OF CONTACT NAME Daniel Castilla, PE, Project Manager	C. POINT OF CONTACT TELEPHONE NUMBER 305.375.4296
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)

**RFQ relevancy**

- Cost estimating
- Quantity surveying
- Forensic analysis
- Detailed quantity take-off
- Structural engineering
- Geotechnical investigation
- Cost evaluation
- Material pricing

**Project team members**

- David Carter, CCM
- Diego Clavijo, PMP, PSP
- Praveen Ommi, CEP, AVS, LEED AP
- Kingsley Cornwall
- Pedro Beltran, El
- Sonja John
- Jimmy Suarez, PSP
- Juan Alfonso, Associate AIA
- Kenneth Walker
- Mofa Hassoun, PE

**Estimated construction cost:**  
\$300,000 (repairs)

Construction of Parcel B, Phase IV Bicentennial Park Seawall Replacement project was completed in late 2009. The seawall was designed and constructed similar to that used in Phases I, II, and III using combination king pile and intermediate steel sheet pile sections. Phases I, II, and III were completed under the auspices of the City of Miami.

The Parcel B, Phase IV project commenced at the south terminus of the Phase III project, and extends approximately 611 feet in a southerly direction close to the PortMiami vehicular access bridge. This project also included installation of a concrete walkway contiguous to and along the length of the new seawall.

Atkins' marine structural engineers and claims professionals investigated the design and construction of the Parcel B, Phase IV seawall, which reportedly exhibited signs of outward movement and possible vertical settlement, walkway, and related backfill settlement as well as loss of material from behind the seawall.

The investigations focused on the determination of the probable cause or causes of the notable deficiencies including but not limited to wall movement, walkway settlements, and loss of backfill materials.

Work performed by Atkins included kickoff meeting attendance, review of project records (survey, as-built drawings, shop drawings, and original project engineering), surface and underwater inspections, analysis and evaluation of technical data, cost estimating of repairs, and report preparation.



Bicentennial Park seawall

The purpose of the COM Parcel B study was to investigate the design and construction of the Parcel B seawall, which reportedly exhibited signs of outward lateral movement and vertical displacement, concrete walkway and backfill settlement, and the apparent loss of earthen fill materials from behind the seawall. The investigations focused on the determination of the probable cause or causes of the notable deficiencies, including but not limited to wall movement, walkway settlements, and loss of backfill materials.

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

a.	(1) FIRM NAME Atkins	(2) FIRM LOCATION Fort Lauderdale, FL <sup>1</sup> ; Miami, FL <sup>2</sup> ; Orlando, FL <sup>3</sup>	(3) ROLE <sup>2,3</sup> Cost Estimating; <sup>2</sup> Scheduling; <sup>1</sup> Facility Assessments
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**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

20. EXAMPLE PROJECT KEY NUMBER

**5**

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

21. TITLE AND LOCATION (CITY AND STATE) <b>Miami-Dade Water and Sewer Department (MDWASD) South District Wastewater Treatment Plant, Value Engineering Studies</b> Miami, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

A. PROJECT OWNER Owner	B. POINT OF CONTACT NAME Jim Ferguson, PE, Senior Project Manager	C. POINT OF CONTACT TELEPHONE NUMBER 786.268.5775
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)**

**RFQ relevancy**

- Cost estimating (for all CSI divisions)
- Program cost estimating
- Project costing
- Quantity surveying
- Cost evaluation
- Cost control
- Life-cycle costing
- Material pricing
- Value engineering

**Project team members**

- David Carter, CCM
- Diego Clavijo, PMP, PSP
- Praveen Ommi, CEP, AVS, LEED AP
- Kingsley Cornwall
- Sonja John
- Jimmy Suarez, PSP
- Juan Alfonso, Associate AIA
- Kenneth Walker

**Estimated construction cost:**  
\$400+M (multiple projects)

Atkins facilitated several cost and value engineering (VE) studies for various MDWASD projects at the South and Central District WWTPs, for projects totalling over \$600 million in construction costs. The Atkins team included certified value specialists, cost estimators, construction professionals, and experts in engineering and architecture to provide technical guidance and expertise. Following is a summary of a sample VE study and results:

**South District WWTP**

**High Level Disinfection (HLD) – Electrical Distribution System.** As a result of the increase in hydraulic capacity to 285 million gallons per day (mgd), the project scope included a new electrical distribution system to condition and feed power to new equipment to meet the new required capacity. The total construction cost for this equipment addition is approximately \$48.6 million. Atkins facilitated the VE study including a team of experts to identify potential VE alternatives. The implemented results from the VE study included cost savings of approximately \$4.2 million.

Other South District WWTP VE projects:

- HLD – Oxygenation Tank No. 7
- HLD – Deep bed sand filter system
- HLD – Temporary field office facilities and site preparation
- HLD – Effluent Pump Station No. 2
- Influent screening improvements
- 21-mgd water reclamation plant



South District WWTP

The implemented results for **HLD – Deep Bed Sand Filter System (Contract No. S-805)** included potential cost savings of approximately \$636,000; the implemented results for **HLD – Electrical Distribution System (Contract No. S-808)** included potential cost savings of approximately \$4.2 million; the implemented results for **HLD – Temporary Field Office Facilities (Contract No. S-825) and Site Preparation (Contract No. S-828)** included potential cost savings of approximately \$400,000.

**Central WWTP Project – 1.55-mgd Water Reclamation Facility**

The South Florida Water Management District (SFWMD) has designated Miami-Dade County as a “critical water supply problem area.” In discussions between SFWMD and M-DWASD concerning the renewal application for the consumptive use permit, SFWMD required identification of alternative sources of water to offset additional potable water demands from growth within the county. M-DWASD then identified several wastewater reuse opportunities including construction of a 1.55-mgd WRF at the CDWWTP with an estimated project cost over \$22 million.

Atkins facilitated the VE study, which included a team of engineering experts to identify potential VE alternatives. The VE team produced 15 alternatives and 14 design suggestions with potential cost savings of over \$1.5 million in construction costs that helped create an even stronger end product as the design moved to construction.

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

a.	(1) FIRM NAME Atkins	(2) FIRM LOCATION Miami, FL; Orlando, FL	(3) ROLE VE, Alternatives Analysis
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(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

21. TITLE AND LOCATION (CITY AND STATE) <b>Orange County Cost Estimating and Scheduling Evaluation Services</b> Orange County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

A. PROJECT OWNER Orange County	B. POINT OF CONTACT NAME Sara Flynn-Kramer, Manager, Orange County Capital Projects Division	C. POINT OF CONTACT TELEPHONE NUMBER 407.836.0048
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)

**RFQ relevancy**

- Cost estimating (for all CSI divisions)
- Capital costs estimating
- Program cost estimating
- Project costing
- Quantity surveying
- Detailed quantity take-off
- Cost evaluation
- Cost forecasting
- Cost control
- Life-cycle costing
- Material pricing
- Market trends price analysis

**Project team members**

- Diego Clavijo, PMP, PSP
- Praveen Omni, CEP, AVS, LEED AP
- Kingsley Cornwall
- Sonja John
- Jimmy Suarez, PSP
- Juan Alfonso, Associate AIA

**Estimated construction cost:**  
\$50,000–\$4.5 million



Atkins' cost estimate for the Orange County Corrections Facility Booking and Release Center HVAC, BAS, and FA System Retrofit Project (\$890,200) was within 0.78% of the bid award amount (\$883,330).

Atkins is providing as-needed cost estimating and scheduling services for various countywide facility projects for the Orange County Capital Projects Division. Projects include new construction and renovation/upgrades of existing facilities. Cost estimates are developed at the conceptual stages with minimal project information during the construction documents phase. Scope also includes change order reviews, baseline schedule reviews, time impact analysis, and negotiations support.

**Sample projects**

**Public Works Facilities Smoke Damper Replacement.** The project scope included replacement of the smoke dampers in three facilities at the Public Works complex. The dampers required framing and drywall scope not anticipated (discovered during construction). Scope of assignment included developing an independent not-to-exceed cost estimate of the change, along with recommendations on actions to bring a closure to the change proposal.

**Coalition for Homeless, New Men's Service Center.** The project scope included construction of a new facility and associated site improvements. Atkins' scope included review of the revised baseline schedule submitted by the contractor. In addition to the baseline review, Atkins schedulers reviewed the time impact analysis due to project delays caused by conflicts with existing overhead electrical utility lines relocation. Support included meeting with the contractor team and assisting the County's project management team in bringing closure to the change proposal.

**Correctional Facility Booking and Release Center, HVAC and Fire Alarm System Retrofit.** The scope of this project included retrofitting the HVAC system, building automation system (BAS), and fire alarm upgrades in four floors of the existing facility. Construction was phased and included extensive nighttime work to account for the secure and 24-hour operations at this facility. Atkins developed an independent cost estimate using final construction documents and a time determination schedule using Microsoft Project, and performed a constructability review to avoid conflicts during construction. Atkins' support resulted in a successful bid for the project.

**Sheriff's Office Fire Alarm Replacement.** The project scope included a cost estimate for the installation of a complete addressable analog fire detection system at Sector IV of this existing facility.

**Correctional Facility, Communication Rooms Upgrades.** The project scope included upgrade and additions to the existing communication rooms throughout the Corrections Complex. The scope of this assignment involved developing a conceptual order-of-magnitude cost estimate/budget based on a site walk-through and observations.

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

a.	(1) FIRM NAME Atkins	(2) FIRM LOCATION Miami, FL; Orlando, FL	(3) ROLE Cost Estimating, Scheduling, Value Analysis
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**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

20. EXAMPLE PROJECT KEY NUMBER

7

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

21. TITLE AND LOCATION (CITY AND STATE) <b>Florida International University                  Cost Estimating and Scheduling Services</b> Miami, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

A. PROJECT OWNER Florida International University	B. POINT OF CONTACT NAME Sylvia Berenguer, Director of Construction	C. POINT OF CONTACT TELEPHONE NUMBER 305.348.4077
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)

**RFQ relevancy**

- Cost estimating (for all CSI divisions)
- Capital costs estimating
- Program cost estimating
- Project costing
- Quantity surveying
- Detailed quantity take-off
- Cost evaluation
- Cost forecasting
- Cost control
- Life-cycle costing
- Material pricing
- Market trends price analysis

**Project team members**

- David Carter, CCM
- Diego Clavijo, PMP, PSP
- Praveen Ommi, CEP, AVS, LEED AP
- Kingsley Cornwall
- Pedro Beltran, EI
- Sonja John
- Jimmy Suarez, PSP
- Juan Alfonso, Associate AIA
- Kenneth Walker
- Mofa Hassoun, PE
- Azucena Soto, RRO (ACES)

**Estimated construction cost:**  
\$350,000–\$45 million

Atkins provided cost estimating, scheduling, facilities assessment, forensic investigation, claims support, utilities planning, and value engineering (VE) services for Florida International University's (FIU) Facilities Department. Projects ranged from facilities-type projects and civil improvements to forensic analysis with construction costs.

This contract included K-20 facilities and infrastructure-related projects such as Parking Garage No. 5, Parkview New Housing Complex, Recreation Center, and New Science Classroom Complex, as well as infrastructure improvements for the Modesto Maidique Campus. Throughout this contract, Atkins successfully prepared accurate independent cost estimates for the University. FIU also relied on Atkins' project controls team to validate and negotiate contractor's fees for CMAR contracts, realizing significant cost savings.

**Sample project**

Developed conceptual estimate for campuswide infrastructure improvements (5- and 10-year), including:

- Sanitary sewer improvements
- Electrical distribution
- Water main improvements
- Chilled water loop upgrade
- Road and stormwater improvements



Atkins developed cost estimates and reviewed the construction manager's GMP submittal for the New Science Classroom Complex.



Atkins developed detailed cost estimates for the design development and permit documents for the Parkview New Student Housing Complex.

"Great firm to work with! Puts the contractors on edge because they challenge them with accurate #s! Since they are a full service firm they bring alternatives to the table. Great to work with!"

—Sylvia Berenguer, Director of Construction, FIU, May 10, 2012

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

a.	(1) FIRM NAME Atkins	(2) FIRM LOCATION Fort Lauderdale, FL <sup>1</sup> ; Miami, FL <sup>2</sup> ; Orlando, FL <sup>3</sup>	(3) ROLE <sup>2,3</sup> Cost Estimating; <sup>2</sup> Scheduling; <sup>1</sup> Facility Assessments
b.	(1) FIRM NAME ACES	(2) FIRM LOCATION Sunrise, FL	(3) ROLE Facilities Assessment

21. TITLE AND LOCATION (CITY AND STATE) <b>Miami-Dade County Public Schools Construction Cost Estimating Services</b> Miami-Dade County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

A. PROJECT OWNER Miami-Dade County Public Schools	B. POINT OF CONTACT NAME Raul Perez, Executive Director – Office of Facilities Construction	C. POINT OF CONTACT TELEPHONE NUMBER 305.995.4701
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)**

**RFQ relevancy**

- Cost estimating (for all CSI divisions)
- Capital costs estimating
- Program cost estimating
- Project costing
- Quantity surveying
- Detailed quantity take-off
- Cost evaluation
- Cost forecasting
- Cost control
- Life-cycle costing
- Material pricing
- Market trends price analysis

**Project team members**

- David Carter, CCM
- Diego Clavijo, PMP, PSP
- Praveen Ommi, CEP, AVS, LEED AP
- Kingsley Cornwall
- Pedro Beltran, EI
- Sonja John
- Jimmy Suarez, PSP
- Juan Alfonso, Associate AIA
- Kenneth Walker
- Mofa Hassoun, PE

**Estimated construction cost:**  
\$3 billion

Atkins' program controls group was reselected for a fifth consecutive term by Miami-Dade County Public Schools (M-DCPS) to provide the cost estimating and other project controls services required by this program—services that the firm has provided to M-DCPS since 1996. Atkins project controls staff has performed cost estimating, constructability reviews, and value engineering tasks for more than 200 projects totaling more than \$3 billion in construction value resulting in substantial cost savings for M-DCPS. Our project controls professionals have prepared cost estimates for conceptual, design, and construction documents development and have assisted M-DCPS at various bidding stages including bidding strategies, comparative analyses, value engineering (VE), construction cost control, and guaranteed maximum price (GMP) negotiations.

Cost estimating support services have included developing cost estimates at various stages of design including preparing preliminary budgets; conducting site visits; performing facilities assessments, value analysis, alternatives and bid analyses; developing site adaptation cost estimates; conducting change order reviews; and providing post-construction support such as punch-list/closeout cost estimates.

Atkins jointly worked with M-DCPS staff on contract compliance issues such as the review, analysis, and negotiations of change orders; claims; and litigation support. Our staff has developed in-depth familiarity with M-DCPS project delivery methods such as design-bid-build (traditional), construction management at-risk (CMAR), CMAR (miscellaneous), and design-build. Atkins' experience with M-DCPS capital projects includes new schools, school additions, phased replacements, school renovations, and special programs such as the modular program, ADA renovations program, and the major paint program.



Carol City Senior High School



Miami Beach Senior High School

"Please be advised that Atkins [formerly PBS&J] has been providing construction cost consulting services...since 1996... I highly recommend the construction cost consulting services of Mr. Ommi and [Atkins] for any potential client."

—Alberto Destrade, Former Director of CM at-Risk Department, M-DCPS, December 7, 2006

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

a.	(1) FIRM NAME Atkins	(2) FIRM LOCATION Fort Lauderdale, FL <sup>1</sup> ; Miami, FL <sup>2</sup> ; Orlando, FL <sup>3</sup>	(3) ROLE <sup>2,3</sup> Cost Estimating; <sup>2</sup> Scheduling; <sup>1</sup> Facility Assessments
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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 agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION (CITY AND STATE) <b>School Board of Broward County Cost Estimating and Scheduling Services</b> Broward County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

A. PROJECT OWNER School Board of Broward County	B. POINT OF CONTACT NAME Dave Archer, Project Manager III	C. POINT OF CONTACT TELEPHONE NUMBER 754.321.1660
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)

**RFQ relevancy**

- Cost estimating (for all CSI divisions)
- Capital costs estimating
- Program cost estimating
- Project costing
- Quantity surveying
- Detailed quantity take-off
- Cost evaluation
- Cost forecasting
- Cost control
- Material pricing
- Market trends price analysis

**Project team members**

- David Carter, CCM
- Diego Clavijo, PMP, PSP
- Praveen Ommi, CEP, AVS, LEED AP
- Kingsley Cornwall
- Pedro Beltran, EI
- Sonja John
- Jimmy Suarez, PSP
- Juan Alfonso, Associate AIA
- Kenneth Walker
- Mofa Hassoun, PE

**Estimated construction cost:**  
\$800 million

Atkins was selected in 1996 to provide cost estimating and scheduling services for the School Board of Broward County (SBBC), and has been reselected twice for additional 3-year terms. As an integral part of the project management team for SBBC, Atkins provided capital program support to implement the 5-year work program and specific project controls services on an as-needed basis for many schools. Individual projects included elementary, middle, and high schools and education centers. Atkins' project controls professionals supported projects with various project delivery methods such as hard bid projects, CMAR, total program management, and minor project continuing term contracts.

Atkins provided cost estimating services for minor projects such as site improvements; Americans with Disabilities Act (ADA) upgrades; heating, ventilation, air conditioning (HVAC) repairs and replacements; and exterior remediation. Atkins' cost estimating professionals also developed cost estimates for various programs such as the class size reduction program and roofing projects.

Equally important, Atkins also assisted SBBC with hurricane damage assessment after Hurricanes Wilma and Katrina. Specifically, Atkins performed field visits to verify and document repairs to roof-mounted mechanical equipment performed by contractors. Atkins' estimating professionals also performed constructability reviews to help SBBC identify potential errors and omissions and construction document discrepancies to be corrected prior to the bidding stage.

Atkins provided scheduling, change orders, and claims support for more than 150 school projects/assignments; prepared detailed reviews of critical path method (CPM) schedules for contract and technical compliance; and monitored the contractor's performance. Atkins' schedulers enabled the SBBC project management team to take a proactive approach in identifying and resolving issues impacting the timely completion of projects. Atkins' schedulers also successfully assisted SBBC in the resolution, negotiation, and, in some instances, litigation of delay claims.



Apollo Middle School

"Atkins North America has provided a consistent good product which demands the respect of both Owners and Contractors. The logic and format of the presentations are made easy to follow and therefore makes it a reliable tool in arriving at significant decisions."

—Dave Archer, Project Manager III, SBBC, July 11, 2012

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

a.	(1) FIRM NAME Atkins	(2) FIRM LOCATION Fort Lauderdale, FL <sup>1</sup> ; Miami, FL <sup>2</sup> ; Orlando, FL <sup>3</sup>	(3) ROLE <sup>2,3</sup> Cost Estimating; <sup>2</sup> Scheduling; <sup>1</sup> Facility Assessments
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21. TITLE AND LOCATION (CITY AND STATE) <b>School District of Palm Beach County Cost Estimating and Value Engineering Services</b> Palm Beach County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

A. PROJECT OWNER Owner	B. POINT OF CONTACT NAME John Andrews, Director of Project Controls	C. POINT OF CONTACT TELEPHONE NUMBER 561.882.1956
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)

**RFQ relevancy**

- Cost estimating (for all CSI divisions)
- Capital costs estimating
- Program cost estimating
- Project costing
- Quantity surveying
- Detailed quantity take-off
- Cost evaluation
- Cost forecasting
- Cost control
- Life-cycle costing
- Material pricing
- Market trends price analysis

**Project team members**

- David Carter, CCM
- Diego Clavijo, PMP, PSP
- Praveen Ommi, CEP, AVS, LEED AP
- Kingsley Cornwall
- Sonja John
- Jimmy Suarez, PSP
- Juan Alfonso, Associate AIA
- Kenneth Walker

**Estimated construction cost:**  
\$200,000–\$100 million

“...Atkins [formerly PBS&J] was not only instrumental in the initial estimating system design and installation, but has continued on throughout the period performing system modifications, input of data supplied by SDPBC personnel, design and production of monthly reports, and from time to time, change order review, scheduling, and assisted in construction claims analysis...It was a pleasure to have an organization like [Atkins] to count on...during the course of this assignment.”  
—John Andrews, Director of Project Controls, School District of Palm Beach County, June 28, 2010

Atkins provided cost estimating and value engineering services for elementary, middle, and high schools in the School District of Palm Beach County (SDPBC). Under this 3-year task order contract, projects involved new schools, additions, renovations, repair, and maintenance projects, as well as facility assessments. Construction costs ranged from \$200,000 to \$100 million for projects that ranged from traditional design-bid-build and design-build to CMAR contracts.

Atkins’ full-time project controls professionals provided cost estimating and scheduling support for the successful delivery of the District’s capital plan. Working as an extension of staff, our project controls professionals prepared cost estimates for conceptual, design development, and construction documents development and assisted SDPBC during various bidding stages including bidding strategies, comparative analyses, value engineering, construction cost control, and guaranteed maximum price (GMP) negotiations. Atkins’ professionals also provided cost control support during the construction phase. This support included review of schedule of values, change orders, and pay applications. Our professionals also supported SDPBC with the review of contractor’s estimates for school site adaptations. Atkins’ professionals reviewed more than 40 GMP estimates with an aggregate construction cost of approximately \$500 million and more than 5,000 change orders totaling over \$20 million in construction cost.

Atkins also provided scheduling, change orders, and claims support for school projects. Atkins prepared detailed reviews of critical path method (CPM) schedules for contract and technical compliance and monitored the contractor’s performance. Atkins’ schedulers helped SDPBC project managers take a proactive approach to identify and resolve resolution of issues impacting the timely completion of projects. Atkins’ schedulers also successfully assisted SDPBC in the resolution and negotiation of delay claims.

Working as an extension of staff, Atkins’ professionals supported SDPBC with the development of cost estimates for its needs assessment for schools and administrative facilities, validated the scope of work, and prepared conceptual cost estimates that were used by SDPBC for establishing project budgets for the capital plan. Atkins also prepared independent cost estimates for projects at various design stages from conceptual design through construction documents, performed constructability reviews, provided value engineering support analyses, and developed a database application for tracking SDPBC’s project and program costs, which was a critical assignment. Our cost estimators, with the support of our information solutions professionals, developed a database that was used on a districtwide basis to control and report all construction costs and change order costs. This database enhanced the District’s cost control efforts and allowed all project managers and Atkins staff to take a proactive cost management approach by maintaining an up-to-date Capital Program cost.



William Dwyer Senior High School

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

a.	(1) FIRM NAME Atkins	(2) FIRM LOCATION Miami, FL; Orlando, FL	(3) ROLE Cost Estimating, Change Order Reviews
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G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS											
26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	26. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
David Carter, CCM	Principal-in-Charge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Diego Clavijo, PMP, PSP	Project Manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Praveen Ommi, CEP, AVS, LEED AP	QA/QC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Kingsley Cornwall	Senior Estimator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pedro Beltran, EI	Senior Estimator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Sonja John	Estimator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Jimmy Suarez, PSP	Senior Scheduler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Juan Alfonso, Associate AIA	Lead Estimator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Kenneth Walker	Senior Estimator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mofa Hassoun, PE	Facilities Assessment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Azucena Soto, RRO (ACES)	Facilities Assessment		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>			

29. EXAMPLE PROJECTS KEY			
NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	City of Miami Capital Program Support Services (CPSS) for the Capital Improvements Program, Miami, FL	6	Orange County Cost Estimating and Scheduling Evaluation Services, Orange County, FL
2	City of Miami Beach Constructability, Cost, and Value Engineering Review Services, Miami Beach, FL	7	Florida International University Cost Estimating and Scheduling Services, Miami, FL
3	Miami-Dade County Seaport Department Cost Estimating and Scheduling Services for Parking Garage D and E, Miami, FL	8	Miami-Dade County Public Schools Construction Cost Estimating Services, Miami, FL
4	Miami-Dade County Bicentennial Park Seawall Structural Investigation – Parcel B, Miami, FL	9	School Board of Broward County Cost Estimating and Scheduling Services, Broward County, FL
5	Miami-Dade Water and Sewer Department (MDWASD) South District Wastewater Treatment Plant, Value Engineering (VE) Studies, Miami, FL	10	School District of Palm Beach County Cost Estimating and Value Engineering Services, Palm Beach County, FL

H. ADDITIONAL INFORMATION

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

### Why the Atkins team?

The City of Fort Lauderdale will receive the following benefits by selecting the Atkins team for the Continuing Contract for Cost Estimating Engineering Consulting Services:

- A project manager with extensive experience with similar projects and a full understanding of the CIP process
- A focused project controls team with decades of experience providing cost estimating services in the south Florida market
- Strong understanding of the cost impacts of various types of projects and at different stages of a project life cycle
- A full-service team including in-house architectural-engineering resources located within south Florida
- A results-oriented team with extensive experience working with City of Fort Lauderdale
- A financially sound firm with extensive professional resources
- An established team ready to hit the ground running ... no learning curve

We are committed to assisting the City of Fort Lauderdale in prioritizing and completing necessary and critical infrastructure projects on time and within budget through quality project controls services.



I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

February 24, 2014

33. NAME AND TITLE

David J. Carter, CCM, Senior Vice President

# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

RFQ # 246-11374

## 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>Atkins North America, Inc.</b>			3. YEAR ESTABLISHED 2011	4. DUNS NUMBER 077283752
2b. STREET 3230 West Commercial Boulevard, Suite 100			5. OWNERSHIP	
2c. CITY Fort Lauderdale			2d. STATE FL	2e. ZIP CODE 33309-3400
6a. POINT OF CONTACT NAME AND TITLE Diego Clavijo, PMP, PSP, Vice President/Senior Program Manager			a. TYPE Corporation	
6b. TELEPHONE NUMBER 954.733.7233, ext. 4013579			6c. E-MAIL ADDRESS diego.clavijo@atkinsglobal.com	
8a. FORMER FIRM NAME(S) (if any) Post, Buckley, Schuh & Jernigan, Inc. (d/b/a PBS&J)			7. NAME OF FIRM (if block 2a is a branch office) The Atkins North America Holdings Corporation	
			8b. YR. ESTABLISHED 1970	8c. DUNS NUMBER 077283752

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	372	1	A05	Airports, Navajds, Airport Lighting, Aircraft Fueling	2
UD1	Airfield Engineer	32	1	A06	Airports, Terminals, Hangars, Freight Handling	8
12	Civil Engineer	184	3	B02	Bridges	3
UD5	Coastal Engineer/Scientist	20	1	UD6	Bus/Transit Terminals	2
14	Computer Programmer	21	1	C15	Construction Management	4
15	Construction Inspector	144	2	C18	Cost Est., Eng.and Analysis, Parametric Costing	2
16	Construction Manager	128	2	D04	Design-Build – Preparation of Requests for Proposals	2
18	Cost Engineer/Estimator	19	1	UD13	Emergency Response	1
23	Environmental Engineer	37	1	UD18	Grants, Grant Writing	1
29	GIS Analyst	54	1	H07	Highways, Streets, Airfield Paving, Parking Lots	8
UD16	ITS Specialist	75	1	UD22	Indefinite Delivery Type Contract	2
39	Landscape Architect	31	3	L03	Landscape Architecture	6
53	Scheduler	19	2	UD26	Management, Program Management, General Engineering Consulting	5
UD24	Software Developer	21	1	UD35	Plan Check/Development Review	3
57	Structural Engineer	61	2	R03	Railroad and Rapid Transit	2
58	Technician/Analyst	43	1	R04	Recreational Facilities (Parks, Marinas, etc.)	3
60	Transportation Engineer	286	6	R06	Rehabilitation (Buildings, Structures, Facilities)	1
UD28	Transportation Planner	60	1	S09	Structural Design, Special Structures	2
				T02	Testing and Inspection Services	2
				T03	Traffic and Transportation Engineering	3
	Other Employees	890	0	UD49	Transportation Planning, PD&E, Corridors	5
	<b>Total</b>	<b>2,497</b>	<b>31</b>	UD52	Web Site Development	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	10	1. LESS THAN \$100,000	6. \$2 MILLION TO LESS THAN \$5 MILLION
b. Non-Federal Work	10	2. \$100,000 TO LESS THAN \$250,000	7. \$5 MILLION TO LESS THAN \$10 MILLION
c. Total Work	<b>10</b>	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 February 24, 2014
--	------------------------------

c. NAME AND TITLE  
David J. Carter, CCM, Senior Vice President

# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)  
RFQ # 246-11374

## PART II – GENERAL QUALIFICATIONS

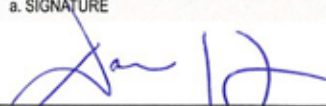
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME <b>Atkins North America, Inc.</b>			3. YEAR ESTABLISHED 2011	4. DUNS NUMBER 050439223
2b. STREET 2001 NW 107th Avenue			5. OWNERSHIP	
2c. CITY Miami			2d. STATE FL	2e. ZIP CODE 33172
6a. POINT OF CONTACT NAME AND TITLE Diego Clavijo, PMP, PSP, Vice President/Senior Program Manager			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 954.733.7233, ext. 4013579		6c. E-MAIL ADDRESS diego.clavijo@atkinsglobal.com		
8a. FORMER FIRM NAME(S) (If any) Post, Buckley, Schuh & Jernigan, Inc. (d/b/a PBS&J)			8b. YR. ESTABLISHED 1960	8c. DUNS NUMBER 050439223
7. NAME OF FIRM (If block 2a is a branch office) The Atkins North America Holdings Corporation				

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			
06	Architect	45	13	UD26	Management, Program Management, GEC	6
07	Biologist	16	1	C10	Commercial Building (low rise), Shopping Centers	6
08	CAD Technician	79	9	H01	Harbors, Jetties, Piers, Ship Terminal Facilities	6
12	Civil Engineer	184	2	T04	Topographic Surveying and Mapping	6
UD5	Coastal Engineer/Scientist	20	1	UD4	Architecture	6
16	Construction Manager	128	12	UD43	Scheduling	6
18	Cost Engineer/Estimator	19	6	UD52	Web Site Development	5
21	Electrical Engineer	12	3	T03	Traffic and Transportation Engineering	5
24	Environmental Scientist	101	2	H07	Highways, Streets, Airfield Paving, Parking Lots	5
28	Geodetic Surveyor	11	1	UD42	Right-of-Way	5
29	GIS Analyst	54	1	C15	Construction Management	5
38	Land Surveyor	43	8	UD41	Retail/Shopping Centers/Malls	5
42	Mechanical Engineer	17	4	C18	Cost Est., Eng. and Analysis, Parametric Costing	5
UD23	Right-of-Way Agent	34	1	UD44	Site/Civil Engineering	4
UD24	Software Developer	21	7	G01	Garages, Veh. Maint. Facilities, Parking Decks	3
57	Structural Engineer	61	5	L02	Land Surveying	3
UD27	Technician/Designer	95	6	H09	Hospitals and Medical Facilities	3
60	Transportation Engineer	286	5	G05	Geospatial Data Conversion: Scanning, Digitizing, Compilation, Attributing, Scribing, Drafting	3
UD28	Transportation Planner	60	1	UD49	Transportation Planning, PD&E, Corridors	3
				E01	Ecological and Archeological Investigations	3
	Other Employees	1,211	7	E02	Educational Facilities, Classrooms	3
	<b>Total</b>	<b>2,497</b>	<b>95</b>	<b>E11</b>	<b>Environmental Planning</b>	<b>3</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			
a. Federal Work	10	1. LESS THAN \$100,000	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	10	2. \$100,000 TO LESS THAN \$250,000	9. \$25 MILLION TO LESS THAN \$50 MILLION	10. \$50 MILLION OR GREATER	
c. Total Work	10	3. \$250,000 TO LESS THAN \$500,000			
		4. \$500,000 TO LESS THAN \$1 MILLION			
		5. \$1 MILLION TO LESS THAN \$2 MILLION			

**12. AUTHORIZED REPRESENTATIVE**  
The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE February 24, 2014
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c. NAME AND TITLE  
David J. Carter, CCM, Senior Vice President



# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

RFQ # 246-11374

## 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>Atkins North America, Inc.</b>			3. YEAR ESTABLISHED 2011	4. DUNS NUMBER 098371917
2b. STREET 482 South Keller Road			5. OWNERSHIP a. TYPE Corporation	
2c. CITY Orlando	2d. STATE FL	2e. ZIP CODE 32810	b. SMALL BUSINESS STATUS No	
6a. POINT OF CONTACT NAME AND TITLE Diego Clavijo, PMP, PSP, Vice President/Senior Program Manager			7. NAME OF FIRM (If block 2a is a branch office) The Atkins North America Holdings Corporation	
6b. TELEPHONE NUMBER 954.733.7233, ext. 4013579		6c. E-MAIL ADDRESS diego.clavijo@atkinsglobal.com		
8a. FORMER FIRM NAME(S) (If any) Post, Buckley, Schuh & Jernigan, Inc. (d/b/a PBS&J)			8b. YR. ESTABLISHED 1974	8c. DUNS NUMBER 098371917

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			
UD1	Airfield Engineer	32	5	A05	Airports, Nav aids, Airport Lighting, Aircraft Fueling	6
06	Architect	45	3	A06	Airports, Terminals, Hangars, Freight Handling	6
08	CADD Technician	79	12	UD4	Architecture	6
12	Civil Engineer	184	17	B02	Bridges	6
16	Construction Manager	128	6	C15	Construction Management	7
23	Environmental Engineer	37	2	C18	Cost Est., Eng. and Analysis, Parametric Costing	7
24	Environmental Scientist	101	6	E09	Environmental Impact Studies, Assessments or Statements	7
29	GIS Analyst	54	3	H07	Highways, Streets, Airfield Paving, Parking Lots	8
UD16	ITS Specialist	75	15	UD20	Hydraulic Modeling	6
38	Land Surveyor	43	5	I04	Intelligent Transportation Systems (ITS)	7
39	Landscape Architect	31	7	L03	Landscape Architecture	6
42	Mechanical Engineer	17	8	UD26	Management, Program Management, GEC	9
UD21	Planner: Aviation	4	2	P12	Power Generation, Transmission, Distribution	6
47	Planner: Urban/Regional	26	1	R04	Recreational Facilities (Parks, Marinas, etc.)	6
UD23	Right-of-Way Agent	34	3	UD43	Scheduling	6
52	Sanitary Engineer	8	2	UD44	Site/Civil Engineering	6
57	Structural Engineer	61	9	S07	Solid Wastes, Incineration, Landfill	6
UD27	Technician/Designer	95	7	T02	Testing and Inspection Services	6
60	Transportation Engineer	286	35	T03	Traffic and Transportation Engineering	7
				UD49	Transportation Planning, PD&E, Corridors	6
	Other Employees	1,157	51	UD53	Wetlands	5
	<b>Total</b>	<b>2,497</b>	<b>199</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	
a. Federal Work	10	1. LESS THAN \$100,000	6. \$2 MILLION TO LESS THAN \$5 MILLION
b. Non-Federal Work	10	2. \$100,000 TO LESS THAN \$250,000	7. \$5 MILLION TO LESS THAN \$10 MILLION
c. Total Work	10	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 February 24, 2014
---	------------------------------

c. NAME AND TITLE  
David J. Carter, CCM, Senior Vice President

# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(if any)*  
**RFQ # 246-11374**

## 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>Advance Consulting Engineering Services, Inc</b>			3. YEAR ESTABLISHED <b>19</b>	4. DUNS NUMBER <b>N/A</b>
2b. STREET <b>7800 W. Oakland Park Blvd, Suite 109</b>			5. OWNERSHIP	
2c. CITY <b>Sunrise</b>	2d. STATE <b>FL</b>	2e. ZIP CODE <b>33351</b>	a. TYPE <b>Corporation</b>	
6a. POINT OF CONTACT NAME AND TITLE <b>Azucena Z. Soto, RRO / Vice President</b>			b. SMALL BUSINESS STATUS <b>DBE</b>	
6b. TELEPHONE NUMBER <b>(954) 746-6868</b>		6c. E-MAIL ADDRESS <b>azsoto@acesinc.cc</b>		
8a. FORMER FIRM NAME(S) <i>(if any)</i> <b>N/A</b>			8b. YR. ESTABLISHED <b>N/A</b>	8c. DUNS NUMBER <b>N/A</b>
			7. NAME OF FIRM (If block 2a is a branch office) <b>N/A</b>	

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 <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
	Geotechnical	1			Geotechnical & Roof consulting Services	3
	Roof Consulting	2				
	Other Employees	1	0			
<b>Total</b>		<b>4</b>	<b>0</b>			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>	PROFESSIONAL SERVICES REVENUE INDEX NUMBER																				
<table style="width: 100%;"> <tr> <td style="width: 30%;">a. Federal Work</td> <td></td> <td>1. Less than \$100,000</td> <td>6. \$2 million to less than \$5 million</td> </tr> <tr> <td>b. Non-Federal Work</td> <td style="text-align: center;"><b>3</b></td> <td>2. \$100,000 to less than \$250,000</td> <td>7. \$5 million to less than \$10 million</td> </tr> <tr> <td>c. Total Work</td> <td></td> <td>3. \$250,000 to less than \$500,000</td> <td>8. \$10 million to less than \$25 million</td> </tr> <tr> <td></td> <td></td> <td>4. \$500,000 to less than \$1 million</td> <td>9. \$25 million to less than \$50 million</td> </tr> <tr> <td></td> <td></td> <td>5. \$1 million to less than \$2 million</td> <td>10. \$50 million or greater</td> </tr> </table>	a. Federal Work		1. Less than \$100,000	6. \$2 million to less than \$5 million	b. Non-Federal Work	<b>3</b>	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million	c. Total Work		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	
a. Federal Work		1. Less than \$100,000	6. \$2 million to less than \$5 million																		
b. Non-Federal Work	<b>3</b>	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million																		
c. Total Work		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																		

<b>12. AUTHORIZED REPRESENTATIVE</b> The foregoing is a statement of facts.	
a. SIGNATURE 	B. DATE February 19, 2014
c. NAME AND TITLE <b>Azucena Z. Soto, RRO / Vice President</b>	

# 4. Qualifications of the Project Team



4. Qualifications of the Project Team

## 4. Qualifications of the Project Team

### Team experience

Atkins' cost estimating staff is experienced with planning, design, and construction cost management and the review and management of contractor bids and change proposals. Our relevant project experience includes office, operational, and public service building facilities; water and wastewater; storm drainage; parks and recreation; and roadway and bridge projects. Contract delivery methods include construction manager-at-risk (CMAR), design-build (D-B), and negotiated and traditional design-bid-build (D-B-B). Through our experience working with various agencies nationwide, we have collected and analyzed regional construction costs, particularly during the past few years when the market has transitioned from very inconsistent to very competitive. As an industry leader, we can provide the City of Fort Lauderdale with quality and comprehensive cost estimating services to meet any of your upcoming project needs.

For this contract, we offer:

**Experience in cost estimating services.** Atkins has successfully completed cost estimating services for facilities and civil projects of similar size and scope for various municipal, private, state, and federal agencies—from planning through successful project completion. Our cost estimating experience with similar Florida term contracts and projects is provided on page 10.

**Understanding of City of Fort Lauderdale's needs.** We understand that the nature of this assignment is for planning and budgeting support; providing as-needed cost estimating services for projects within the CIP; and estimating, reviewing, and verifying contractor costs or quotes—from initial concepts through successful construction completion to meet the City's requirements.

**Scope of projects.** We understand that these services may be required at various stages of a project's life cycle. Atkins' cost estimating team has experience in providing reliable and accurate cost consulting services for the various project types required in this RFQ including park and recreation facilities, storage and maintenance buildings, parking facilities, utilities, water and wastewater infrastructure, marine facilities including seawalls and docks, fire stations, auditoriums, community centers, roads and bridges, and stormwater improvements. Through our experience in working for various south Florida municipalities for these types of projects, we have a thorough understanding of the various design, contractual, and construction complexities of each of these project types and take those into account during the development of our deliverables.

**Qualified personnel.** We are proposing **Diego Clavijo, PMP, PSP**, as project manager. He is a seasoned and experienced project controls manager with 26 years of experience. Mr. Clavijo has extensive project experience in all facets of projects controls for construction projects, from CIP planning, design, construction, and closeout. Additionally, we have more than 50 project controls personnel with extensive working knowledge of the local construction industry on projects from planning through construction completion.

With nearly 200 professionals in our Fort Lauderdale/Miami/West Palm Beach offices, we have established staff in multiple disciplines that can assist on any additional aspects of your projects. To augment our team's capabilities, we have teamed with **Advance Consulting Engineering Services, Inc. (ACES)** (subconsultant) to provide facilities assessment services.

**Knowledge of market conditions.** Atkins has been supporting south Florida public agencies with various project cost estimates since 1971, and we have a thorough understanding of the various influences impacting project costs and time in this region. Cost impacting variables include availability of resources (materials, labor, equipment, supplies, and subcontractors), and project types such as renovation and repairs, location, bidding environment, complexity, and delivery method. Ongoing operations within existing facilities and traffic management along with severe weather delays could have a significant impact on project costs. Through our experience in developing cost estimates for projects in south Florida, we have developed a strong understanding of the various cost impacts that influence project costs in this region including availability of resources, and incorporate that knowledge into project estimates and budgets that we develop.

**Proven approach.** Our proposed staff strives to manage, coordinate, properly document, record, and retrieve vital information that allows us to quickly resolve cost and time issues encountered during design and construction. This proven process avoids delays and mitigates impacts to project budgets. Our staff will proactively collaborate with all stakeholders to produce a successful project. Our AACE and PMI-certified staff follow established processes to develop accurate cost information.

**Commitment.** Our goal is to meet and exceed the City's expectations for this contract. Our team will deliver responsive, quality service for all of the City's cost estimating needs. Success on this contract will require a team with expertise in various utility, horizontal, and vertical construction projects. Atkins has provided similar services on projects and successfully completed a range of projects for municipal, state, and federal agencies around the country. Our team brings the right combination of experience, understanding, and motivation to meet all of the City of Fort Lauderdale's needs.

### Project team members

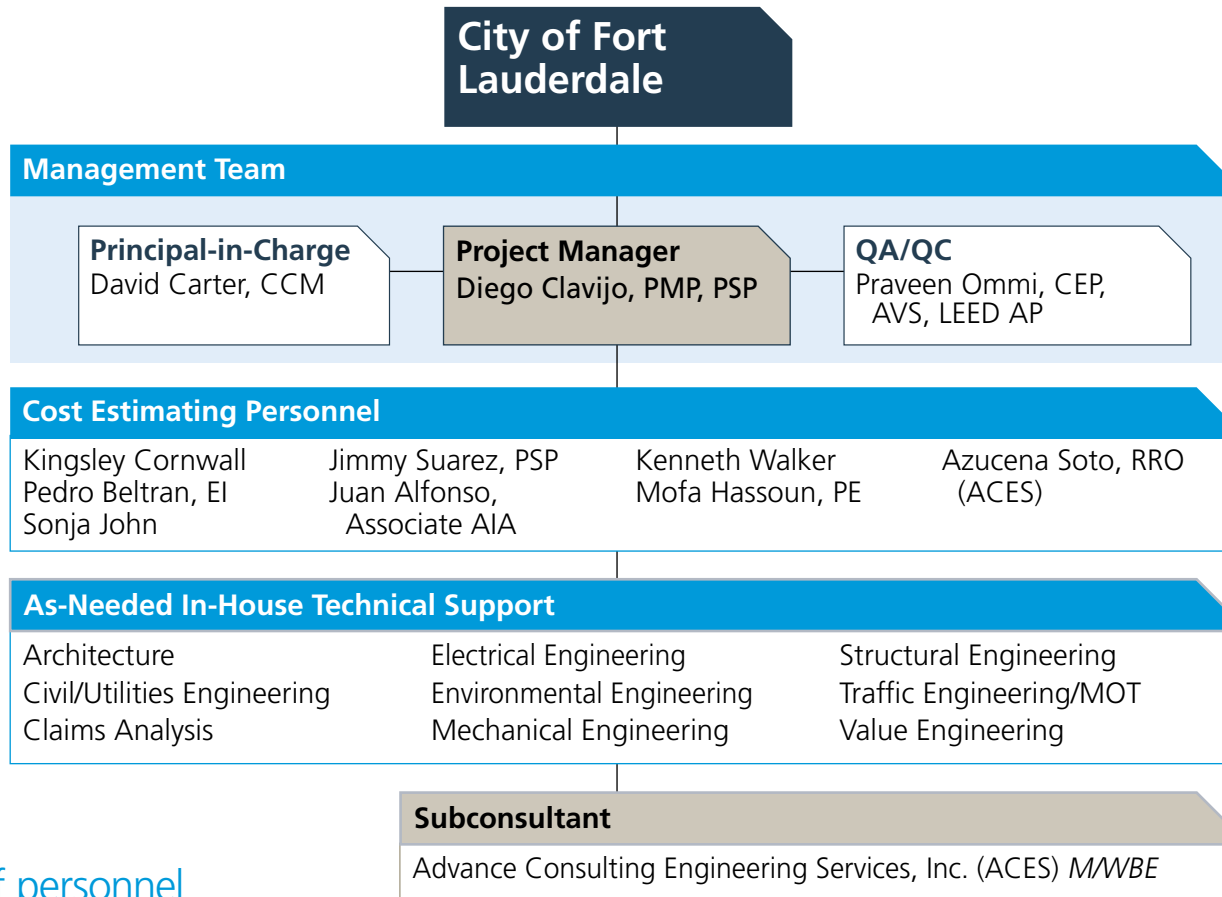
Atkins has assembled an exceptional group of professionals to work closely with City of Fort Lauderdale staff as a team. The Atkins team has the depth of experience, quality of management, technical expertise, state-of-the-art resources, and QA/QC procedures in place to provide the City with the services it expects and requires.

Depending on the technical expertise needed, Atkins' resources will be used to provide the City with the skills required to complete each project. Our principal team members provide an unmatched wealth of experience. Following is a summary of the experience and skills of our proposed team members.



## Team organization

Teamwork is the ability to work together toward a common vision. It is the ability to direct individual accomplishments toward organizational objectives. It is the fuel that allows ordinary people to attain extraordinary results.



## List of personnel

Name	Licenses/certifications	Education	Role	Years of experience
David Carter	CCM	B.S., Arch. Eng.	Principal-in-Charge	32
Diego Clavijo	PMP, PSP	M.S., CM; M.B.A.; B.S., Mech. Eng.	Project Manager	26
Praveen Ommi	CEP; AVS; LEED AP	M.S., CM; B.S., Civil Eng.	QA/QC	19
Kingsley Cornwall	PM; OSHA	M.S., B.S., CM	Senior Estimator	21
Pedro Beltran	EI: FL; Stormwater Management Inspector; Advanced Work Zone Traffic Control Certification	B.S., Civil Eng.	Senior Estimator	21
Sonja John	N/A	M.Sc., CM; B.A., Arch.	Estimator	10
Jimmy Suarez	PSP	M.S., B.S., CM; A.A., Arch.	Senior Scheduler	11
Juan Alfonso	Associate AIA; UBCI	M.S., CM; B.A., Arch.	Lead Estimator	18
Kenneth Walker	N/A	B.S., Const. Eng. Tech.; A.A., and A.S., Building Const. Tech.	Senior Estimator	30
Mofa Hassoun	PE: FL, MO	B.S., Civil Eng.	Facilities Assessment	27
Azucena (Susie) Soto (ACES)	RRO	B.S., Civil Eng.	Facilities Assessment	28

## Brief resumes

## Management Team

## ATKINS



## Diego Clavijo, PMP, PSP

### Project Manager

Diego Clavijo has 26 years of experience in program management, project management, scheduling, cost estimating, cost control, and claims. He has served as project manager on numerous contracts related to providing technical support for capital improvement programs (CIP) including FDOT District Four scheduling and other support services, Florida International University (FIU), City of Miami, School Board of Broward County (SBBC), and Miami-Dade County Public Schools (M-DCPS). Mr. Clavijo has experience in and a thorough understanding of the processes and tools for CIPs including work program scheduling and programming, program management, project controls, project dashboard tools, funding allocation, databases integration, and web reporting. He has also participated in construction litigation cases as an expert consultant in the field of scheduling and cost estimating. His project experience includes:

#### Education

M.S., Construction Management, Florida International University

M.B.A., Business Administration, Instituto de Alta Direccion Empresarial

B.S., Mechanical Engineering, Universidad de los Andes

#### Certifications

Project Management Professional (PMP), 55782, 2002

Planning & Scheduling Professional (PSP), Association for the Advancement of Cost Engineering International (AACEI), Certificate No. 22746, 2012

#### Professional affiliations

Project Management Institute  
AACEI

#### Software

Primavera, Project Planner (P3), Primavera Project Planner for Engineering and Construction (P3e/c, P5), SureTrak, and Microsoft Project, RS Means

**Florida International University (FIU) Cost Estimating and Scheduling Services, Miami, FL.** Since 2008, project manager for this contract in support of FIU's CIP. Tasks have included conceptual and detailed cost estimates, forensic investigations, facilities assessments, utilities planning, and claims support. For the Cost Estimating and Conceptual Cost Estimating for Infrastructure Improvements at the Modesto A. Maidique Campus task assignment, Atkins prepared an order-of-magnitude cost estimate for infrastructure improvements to support planned 5- and 10-year development at the campus. Mr. Clavijo was the project manager for the assessment team that included professionals in mechanical, electrical, and civil engineering; and cost estimating. The team interacted with FIU's Planning and Maintenance staff and performed site investigations to determine current and future constraints, and analyzed possible utility routes and layouts, and current and future impacts based on capital development planning. Infrastructure analyzed included electrical power, communications, potable water, chilled water lines, gas lines, sewer lines, and sewer lift stations.

**FDOT General Consultant Districtwide Scheduling and Support Services, Fort Lauderdale, FL.** Project manager for the joint Atkins/FDOT scheduling and support services team, where he is in charge of contract management, staffing, and coordinating and executing work orders. For the past 10 years, Atkins has assisted FDOT's Program Management Office with production management processes for the 5-Year Work Program. As an extension of FDOT staff, Atkins has provided on-site and off-site support services consisting of program management scheduling, website development, database administration and development, and GIS development and maintenance. We also provide support in areas of contract administration, Local Agency Program (LAP) support, ITS, and risk analysis. Using state-of-the-art scheduling software, Primavera P6, Atkins program controls professionals developed and implemented the District's work program schedule, which is being used to track more than 400 projects in the FDOT 5-Year Program. Atkins has a group of eight full-time program controls and software programming professionals assisting the District in the delivery, control, and reporting of its work program.

**SBBC Work Program Scheduling, Fort Lauderdale, FL.** Atkins' project manager for development and implementation of the Project Management and Control System (PMCS) for SBBC's Facility and Construction Division. He was in charge of contract management, staffing, and coordination. This project consisted of development and implementation of a scheduling system to track and control all capital construction projects. This effort included development of project templates using Primavera Scheduling System P5, discovery of existing and new projects with project managers, training project management staff to use the scheduling platform, creating a centralized database warehouse, and implementing a web interface for project reporting. This project also included providing data integration support for SBBC's SAP implementation.





### Education

B.S., Architectural Engineering,  
University of Colorado

### Certifications

Certified Construction Manager  
(CCM), A0897

## David Carter, CCM

### Principal-in-Charge

David Carter serves as national manager of Atkins' program controls business sector, supervising employees and performing construction consulting functions including cost estimating, scheduling, document control, construction claims, and construction technology services. Throughout his 32 years of construction-related experience, he has worked on various public and private-sector projects including Cities of Miami, Coral Gables, and Coral Springs; Miami-Dade County; Miami-Dade Transit Agency; Miami-Dade Water and Sewer Department; and Port of Miami. He has extensive experience with project control software systems including Primavera and Microsoft Project. Mr. Carter's Atkins experience includes:

**School Board of Broward County, FL.** Principal-in-charge for multiple construction claims, cost estimating, change order review, scheduling, and uniform building code projects.

**Miami-Dade County Public Schools, Various Construction and Cost Estimating Services, Miami, FL.** Principal-in-charge for projects involving construction claims consulting services, cost estimating and scheduling services for educational facilities, and construction engineering and inspection. Atkins has been reselected twice to provide cost estimating, document coordination, and claims analysis services.

**Florida Department of Transportation (FDOT) District Four, Scheduling and GIS Services.** Principal-in-charge of contract to provide scheduling and technology-related services.

**Florida International University, Cost Estimating and Scheduling Services, Miami, FL.** Principal-in-charge for contract to provide project controls services for various capital improvement programs throughout the University's various campuses.



### Education

M.S., Construction  
Management, Florida  
International University

B.S., Civil Engineering, Nagarjuna  
University

### Certifications

Certified Estimating Professional  
(CEP), AACEI

Associate Value Specialist (AVS),  
SAVE International, Certificate  
No. 200905033

Leadership in Energy and  
Environmental Design Accredited  
Professional (LEED AP), U.S.  
Green Building Council (USGBC)

## Praveen Ommi, CEP, AVS, LEED AP

### QA/QC

With 19 years of experience, Praveen Ommi has expertise providing project control services for a variety of building, transportation, civil, and marine projects. He has extensive expertise in the use of estimating and scheduling software including Timberline, MCACES, Primavera, and Microsoft Project. His project experience includes developing cost estimates and schedules from the conceptual stages of a project through final design; participating in value engineering studies, bid analysis, site adaptation, and guaranteed maximum price cost reviews; negotiating with contractors; reviewing pay applications and change orders for cost and time extensions; and executing addenda and supplemental agreements for various types of projects. Mr. Ommi's representative project experience includes the following:

#### Cities, parks, and recreational facilities

- Broward County, Hurricane Damage Assessments and Cost Estimates
- City of Miami, Capital Improvement Program, various planning projects
- City of Miami Beach, Parking Garage and Office Building
- City of Homestead, New City Hall
- City of Sunrise, New Public Works Complex
- City of Clearwater, Concession Stand, Family Aquatic Center
- Village of Key Biscayne, Water and Sewer Improvements

#### Educational facilities

- University of Miami, Football and Athletic Fields, Miami, Florida
- Stetson University, College of Law, Gulfport, Florida
- Florida International University School of Architecture, Miami, Florida
- School Board of Broward County, several projects
- Miami-Dade County Public Schools, multiple projects
- Orange County Public Schools, several projects
- School District of Palm Beach County, several projects



## Cost Estimating Personnel



### Kingsley Cornwall Senior Estimator

Kingsley Cornwall has 21 years of experience that includes construction and consulting, with special emphasis in conceptual estimates, quantity surveying, and cost control. His experience covers both facilities and horizontal/infrastructure projects. Mr. Cornwall has extensive experience in developing estimates and providing cost controls for projects from concept through design and construction. Projects have ranged in costs from \$10,000 to more than \$100 million. He has experience working on projects for various public and private clients, particularly local municipalities and educational agencies. He also has experience with various contract delivery methods including design-bid-build, design-build (D-B), and construction manager-at-risk (CMAR). His Atkins project experience includes:

#### Education

M.S., Construction Management, Florida International University

B.S., Construction Management, University of Technology, Jamaica

#### Certifications

Certificate in Project Management, Institute of Management and Production, 2003

OSHA 30-Hour Occupational Safety and Health Training Course

#### Software

Microsoft Projects, Primavera, On-Screen Takeoff, RS Means

**School District of Broward County Cost Estimating, Broward County, FL.** Supported review of change orders for several school projects. Developed independent estimates and assisted project managers in negotiating with contractors. Duties also included review of contractors bid proposals and making recommendations, performing site visits, attending site meetings, and performing facilities assessments for maintenance estimates (HVAC upgrades and general repairs).

**Florida International University (FIU) Parking Garage No. 5 Interior Buildout (Heath Care Network), Miami, FL.** Senior estimator responsible for providing cost estimating support in the development of Atkins' independent cost estimate based on the architect's 100-percent construction documents. Mr. Cornwall was also involved in reviewing the construction manager's GMP proposal as well as developing potential cost-saving solutions, developing the estimate's pricing, and incorporating subcontractor's and vendor quotes. He used On-Screen software to provide an independent estimate of project quantities and compared against the construction manager's GMP estimating quantities.



### Pedro Beltran, EI Senior Estimator

Pedro Beltran has 21 years of experience in the fields of construction management and contract administration associated with large work programs—from the solicitation process to bid, award, and additional work negotiations. He has in-depth knowledge of the design and construction of vertical and horizontal projects and has supported governmental clients in the preparation of RFQ/RFPs, project scoping, scoping meetings, prebid meetings, preconstruction meetings, bid reviews and negotiations, and award recommendations. Mr. Beltran has also managed multiple construction contracts and negotiated change orders for extra work and time. He has proven experience and abilities serving as an extension of staff for such clients as the City of Miami and Miami-Dade County Seaport Department. As an extension of City of Miami staff, Mr. Beltran has a comprehensive understanding of job order contracting (JOC), project activation, project funding, and closeout processes, among others. His proven ability to help manage the JOC program is demonstrated by his management of more than 400 construction work orders totaling approximately \$43 million. His experience includes the management of quality control programs and construction engineering for governmental projects including educational, office building, highway, rail, and recreational facilities. Mr. Beltran's work ranges from the administration of conventional design-bid-build and CMAR projects to award-winning D-B contracts. His representative project experience includes:

**School Board of Broward County (SBBC), Broward County, FL.** Provided construction management support to SBBC capital improvement projects including new projects, phased replacements, and remodeling. He conducted site visits, attended progress meetings, monitored project critical path method schedule to assess actual progress versus forecast progress, and provided assessments of contractor's actual manpower versus forecast resources per the project schedule. He reviewed pay applications, change orders, and contractor's delay claims and assisted SBBC project managers in the analysis and negotiations of change orders and claims.

**Miami-Dade County Public Schools (M-DCPS), Miami-Dade County, FL.** Responsible for the preparation of cost estimating associated with additional work, negotiations with contractors, and code inspections for school facilities throughout Miami-Dade County. Mr. Beltran participated in a countywide condition assessment program of all portable facilities.





# ATKINS



## Sonja John Estimator

With 10 years of experience as an estimator/scheduler, Sonja John is responsible for preparing cost estimates and developing construction schedules. She has experience developing cost estimates for educational facilities, transportation, and civil engineering projects. She also has experience using Microsoft Project, RS Means, and AutoCAD. Her experience includes developing cost estimates from the conceptual stages of a project through final design for new projects, renovations, and remodeling projects, as well as change order reviews for cost and time extensions. Her relevant experience with Atkins includes:

### Education

M.Sc., Construction Management, Florida International University

B.A., Architecture, Florida International University

### Software

Microsoft Project, R.S. Means, AutoCAD, On-Screen Takeoff

### Professional development

Occupational Safety and Health Administration (OSHA) 30-Hour

Occupational Safety and Health Training Course in Construction Safety and Health

**Miami-Dade County Public Schools (M-DCPS), Miami, FL.** As estimator/scheduler, developed cost estimates for various middle, elementary, and high schools for the past 5 years. Projects included new construction, repairs, renovations, and additions in the Modular Building Program for various schools (districtwide); New Senior High School, State School JJJ; New Prototype Middle School, State School PP-1; and New Medical Academy for Science and Technology, State School SSS-1, Norman Edelcup – Sunny Isles K-8 (classroom addition), Thomas Jefferson Middle School (ADA upgrades), and North Miami Senior High School (gymnasium renovations).

**School Board of Broward County (SBBC), Fort Lauderdale, FL.** As estimator/scheduler, developed cost estimates for various middle, elementary, and high schools for the past 3 years. Projects involving new construction, repairs, renovations, and additions have included single point of entry-safety/security modifications to various schools (districtwide), HVAC additions and alterations to various schools (districtwide), and a new ITV tower (Banyan Elementary School and Deerfield Park Elementary School).



## Jimmy Suarez, PSP Senior Scheduler

Jimmy Suarez has 11 years of experience that includes extensive development and review of construction schedules and development of cost estimates for educational facilities, transit, commercial, and residential projects. He also has extensive experience using project controls software including Primavera Project Planner P3 and P6, Project Management Suite, SureTrak, Microsoft Project, and design software such as AutoCAD. Mr. Suarez is a task manager for the south Florida scheduling group, where his responsibilities include assisting with the management of scheduling personnel and tasks as well as quality control of schedule reviews, time extension reviews, and change order reviews. His experience includes developing schedules and cost estimates from the conceptual stages of a project through final design for new projects, renovations, and remodeling projects, as well as schedule and time extension reviews. His relevant experience since joining Atkins includes:

**Marlins Stadium Parking Garages, Miami, FL.** As senior estimator/scheduler, provided construction scheduling support for the Marlins Stadium Parking Garages project.

**Miami-Dade County Public Schools, Miami, FL** As senior estimator/scheduler during preconstruction, reviewed preliminary schedules as well as baseline schedules in SureTrak, P3, and P6 with an emphasis on logic, cost, and resource analysis.

**Port of Miami Wharf and Capital Improvement Plan Projects Construction Engineering and Inspection Services, Miami, FL.** Senior scheduler responsible for reviewing baseline schedules with an emphasis on logic, cost, and resource analysis (using Primavera P6, P3, and Microsoft Projects). During construction, Mr. Suarez reviews schedule updates and time extension requests. He also provides the Port of Miami with project status based on cost and resource analysis.

### Education

M.S., Construction Management, Florida International University (Ongoing)

B.S., Construction Management, Florida International University

### Certifications

Planning & Scheduling Professional (PSP), Association for the Advancement of Cost Engineering International (AACEI), Certificate No. 904-12, 2012

OSHA 30-Hour Occupational Safety and Health Training Course in Construction Safety and Health

# ATKINS



## Juan Alfonso, Associate AIA

### Lead Estimator

Juan Alfonso is a results-oriented project controls professional with 18 years of substantial experience in scheduling, estimating, claims, and design development involving project controls and software systems. He has extensive experience developing cost estimates from the conceptual to bidding stages, bidding strategies, comparative analysis, and value engineering, as well as supporting other related functions such as review of construction managers' cost estimates and guaranteed maximum price, review of contract documents, and negotiations support for various municipal, governmental, public and private, and federal clients.

Mr. Alfonso will help ensure that a reasonable budget is established at the early stages of the project, that it is checked against the design so that there are no deviations from the baseline, that a design schedule is established and kept in line with the City's expectations and critical milestones, and that contractor bids are reasonable and in line with the design and budget expectations as well as the current market environment. As the project kicks off, change management support and schedule monitoring will be provided on an as-needed basis.

**South Pointe Pier Park, Miami Beach, FL.** Project controls manager for the design and replacement of the existing fishing pier located at the Government Cut waterway access to the Port of Miami.

**Arthur Snyder Park Tennis Center, North Miami Beach, FL.** Project controls manager for the development of estimates of probable construction cost during the design progress stages and to reconcile with the project budget for this 7,500-square-foot center and café.

#### Education

M.S., Construction Management, Florida International University

B.A., Architecture, University of Miami

#### Certifications/licenses

Certified Uniform Building Code Inspector (UBCI)

American Institute of Architects (AIA), US30218671



## Kenneth Walker

### Senior Estimator

Kenneth Walker has more than 30 years of experience in various projects in the construction industry. His experience includes developing and updating cost estimates, reviewing change orders, developing schedules, performing site inspections, producing reports, and assisting with project management functions. Mr. Walker has extensive cost estimating and controls experience in higher educational facilities, housing facilities, environmental, railroad and transportation projects and will be an asset to this project team. His experience developing cost estimates spans from the conceptual through all the design phases and includes bid analysis and negotiations support with contractors as well as change order reviews and other cost control measures during construction. Mr. Walker's project experience includes:

**Miami-Dade County School Board, Miami, FL.** As senior cost estimator/scheduler, developed cost estimates from conceptual to detailed cost estimates, performed bid analysis reviews, reviewed change orders, represented the owner in the administration of construction coordination and quality oversight activities, and monitored the progress of work by each construction inspection services (CIS) consultant.

**School Board of Broward County, Broward County, FL.** Senior cost estimator/scheduler for projects that included Royal Palm Elementary (cost estimating and scheduling); Circle Site PLC (cost estimating and scheduling); State School LL (cost estimate for closeout documents); Sunshine Elementary ADA Restrooms (cost estimate); The Quest Center – ADA Restrooms Compliance (cost estimate); North Andrews Gardens Elementary (change order reviews); Western High School, Softball Gender Equity (independent cost estimate); Fort Lauderdale High School, Fire Alarm and Master/Clock Renovations (independent cost estimate); and Dillard High School – Recording Studio (independent cost estimate).

**Fort Lauderdale International Airport Access Roads, Fort Lauderdale, FL.** Cost estimator/scheduler for detailed cost estimates.

#### Education

B.S., Construction Engineering Technology, FAMU, 2002

#### Certifications

Supervisor Certification Program, 1993

Certificate of Achievement/Construction Engineer (DAC)

#### Software

RS Means, Primavera, MCACES, Microsoft Project



# ATKINS



## Education

B.S., Civil Engineering, North Dakota State University

## Registrations/licenses

Professional Engineer  
Florida 61969, 2004  
Missouri 2003014979, 2003

## Certifications

Florida Principles & Practices (P&P) Certification, 2007

Department of Community Affairs (DCA), Hurricane Shelters Evaluation Certificate, 2005

State Requirements for Educational Facilities (SREF) and Chapter 423 of the Florida Building Code (FBC) Certifications, 2004, 2006, and 2011

## ACES

Consulting Engineers



## Education

B.S., Civil Engineering, University of Puerto Rico

## Registrations

Registered Roof Observer, 0159, 1996

## Professional development

Master's studies, University of Puerto Rico

## Mofa Hassoun, PE Facilities Assessment

Mofa Hassoun has 27 years of project engineering, program and project management, construction administration, emergency management, and projects code enforcement supervision plan reviews and inspections experience. He has managed the preparation of technical engineering and inspection reports as related to field observations, condition assessments, remediation work and closeouts following natural disasters and recovery, inclusive of associated estimated and escalation costs for a wide range of construction projects. His technical experience of projects includes public schools, community colleges, commercial/residential buildings, rail systems, civil works, private developers, and airports. Mr. Hassoun has managed both personnel and projects, and his strengths lie in his excellent communication and written skills as well as extensive project field and code requirements experience. His key representative projects include:

### Bayshore Neighborhoods Right-of-Way Improvements Resident Project

**Representative Services, City of Miami Beach, FL.** As project manager for the City of Miami Beach Central Bayshore, Lower North Bay Road, and Lake Pancoast Neighborhood Capital Improvement Projects Office's water main and stormwater improvement project in Neighborhood No. 8, Mr. Hassoun worked closely with the City to manage the assigned on-site resident project representatives (RPR) responsible for observations of contractor's work, determine if the provisions of the contract documents and permit conditions are being fulfilled, and protect the City against defects and deficiencies in the work of the contractor. Other duties included coordination and management of requests for information (RFI); change orders (CO); maintenance of traffic (MOT) plans; requisitions for payments; and all correspondence with the City's project coordinator(s), engineer-of-record, and the contractor as well as all financial tracking of the project.

**Plans Review and Inspection Services Contract, Miami Dade College, Miami, FL.** Served as project manager, lead building code inspector, and plans reviewer for various projects to verify compliance with all applicable building and life safety codes.

## Azucena (Susie) Soto, RRO Facilities Assessment

Susie Soto has 28 years of extensive experience in the construction industry related to material testing, roofing, and waterproofing. As a senior consultant, Ms. Soto is responsible for client development, project proposals, and scheduling activities. In this capacity, she is responsible for technical and administrative functions associated with the preparation of plans and specifications, multiple nondestructive moisture survey techniques, water intrusion studies and testing, development of operations, maintenance, and multiple roof testing and related services. Ms. Soto's extensive experience with computer programs assists in the development of the most site-specific, detailed roof services available. Her project experience includes:

**Wellness Center, Florida International University, Miami, FL.** Water intrusion study and water testing.

**Various Miami-Dade County Public Schools, Miami-Dade County, FL.** Services included stucco testing, water intrusion study and water testing, expert witness in Miami, and QA/QC on system applications.

**Michael Krop Senior High, Miami-Dade County Public Schools, Ives Estates, FL.** Water intrusion study and testing.

**Lawton Chiles Middle School, Miami-Dade County Public Schools, Hialeah, FL.** Water intrusion study and testing.

**Carlos J. Finlay Elementary, Miami-Dade County Public Schools, Miami, FL.** Water intrusion study and testing.

**Marjory Stoneman Douglas Elementary School, Miami-Dade County Public Schools, Tamiami, FL.** Water intrusion and forensic study.

## 5. Project Manager's Experience



## 5. Project Manager's Experience



After a close analysis of the scope of services, Atkins selected **Diego Clavijo, PMP, PSP**, to serve as project manager for this effort. He will also oversee overall project delivery. He has served as a project manager and/or technical lead on numerous cost

estimating services contracts over his 26-year career, and led many of Atkins' cost estimating/scheduling assignments in south Florida, including those with the City of Miami, School Board of Broward County, and Florida Department of Transportation (FDOT) District Four. Mr. Clavijo has the requisite experience to manage cost estimating engineering services for this contract.

Mr. Clavijo has assembled an outstanding project team that can provide the City of Fort Lauderdale, its citizens, visitors, and stakeholders with the quality of service they expect and deserve. Our team possesses a wide range of skills and significant project-specific experience in the areas requested in the RFQ.

As a vice president/senior program manager, Mr. Clavijo is responsible for making sure all project-related issues are resolved in the most efficient, cost-effective manner. In addition to his experience with multiple similar contracts encompassing cost estimating engineering services with the City of Fort Lauderdale, Mr. Clavijo is supported by an Atkins team with the depth of experience, quality of management, technical expertise, state-of-the-art resources, and QA/QC procedures necessary to make this project a success. He will coordinate project issues with City staff and serve as our team's single point of contact for contract coordination. His availability and commitment for this contract is 100 percent.

**Mr. Clavijo will be available in person, by telephone, email, and/or mobile phone 24/7 to maintain communication with the City on the status of ongoing activities.** When face-to-face communication is necessary, Atkins' proximity to the City of Fort Lauderdale office will enable a prompt response to the City's needs. Coordination among our staff, City personnel, and subconsultants will occur through staff meetings, telephone, or email. All coordination will be documented in the project file.

Atkins understands effective communication is essential to the success of any project, and our team prides itself on its excellent communication skills. We have an established communication and coordination process for this assignment. Under the guidance of our project manager, Atkins will assist or directly maintain coordination efforts with each of the stakeholders throughout the duration of this project.

### Key qualifications

- Has served as a project manager and/or technical lead on numerous cost estimating services contracts in south Florida for more than 15 years
- Is a certified Project Manager Professional (PMP) – PMI, and a certified Planning and Scheduling Professional (PSP) – AACEI
- Led many of Atkins' program management support assignments in south Florida including those with the City of Miami, School Board of Broward County, and FDOT District Four
- Has managed several task order contracts for similar services including those for City of Miami, M-DCPS, SBBC, and FIU
- Extensive experience with management of project controls for CIP programs

Mr. Clavijo has the requisite experience as evidenced by the projects below:

1. **City of Miami Capital Program Support Services (CPSS) for Capital Improvement Programs (CIP), Miami, FL.** Mr. Clavijo serves as officer-in-charge and program coordinator for this contract to assist the City with its program and production, and provides construction management expertise and professional support in various areas including cost estimating, work program scheduling, job order contracting management, construction scheduling, and roadway design management. Atkins also provides support in other areas including work program estimating and environmental tasks. He also confirms that all work assignments are clearly defined and that the team has a clear direction to provide the required CIP support.
2. **School Board of Broward County (SBBC) Cost Estimating and Scheduling Services, Fort Lauderdale, FL.** Mr. Clavijo served as Atkins' project manager for this 3-year contract with SBBC, the second reselection to provide total program management support for the implementation of SBBC's 5-year work program.
3. **Florida International University (FIU) Cost Estimating and Scheduling Services, Miami, FL.** Since 2008, Mr. Clavijo has served as project manager for this contract in support of FIU's work program. Tasks have included conceptual and detailed cost estimates, forensic investigations, facilities assessments, utilities planning, and claims support. For the Cost Estimating and Conceptual Cost Estimating for Infrastructure Improvements at the Modesto A. Maidique Campus task assignment,



Atkins prepared an order-of-magnitude cost estimate for infrastructure improvements to support planned 5- and 10-year development at the campus. Mr. Clavijo was the project manager for the assessment team that included professionals in mechanical, electrical, and civil engineering; and cost estimating. The team interacted with FIU’s Planning and Maintenance staff and performed site investigations to determine current and future constraints, and analyzed possible utility routes and layouts, and current and future impacts based on capital development planning. Infrastructure analyzed included electrical power, communications, potable water, chilled water lines, gas lines, sewer lines, and sewer lift stations.

4. **FDOT General Consultant Districtwide Scheduling and Support Services, Fort Lauderdale, FL.** Mr. Clavijo serves as project manager for the joint Atkins/FDOT scheduling and support services team, where he is in charge of contract management, staffing, and coordinating and executing work orders. For the past 10 years, Atkins has assisted FDOT’s Program Management Office with production management processes for the 5-Year Work Program. As an extension of FDOT staff, Atkins has provided on-site and off-site support services consisting of program management scheduling, website development, database administration and development, and GIS development and maintenance. We also provide support in areas of contract administration, Local Agency Program (LAP) support, ITS, and risk analysis. Using state-of-the-art scheduling software, Primavera P6, Atkins program controls professionals developed and implemented the District’s work program schedule, which is being used to track more than 400 projects in the FDOT 5-Year Program. Atkins has a group of eight full-time program controls and software programming professionals assisting the District in the delivery, control, and reporting of its work program.

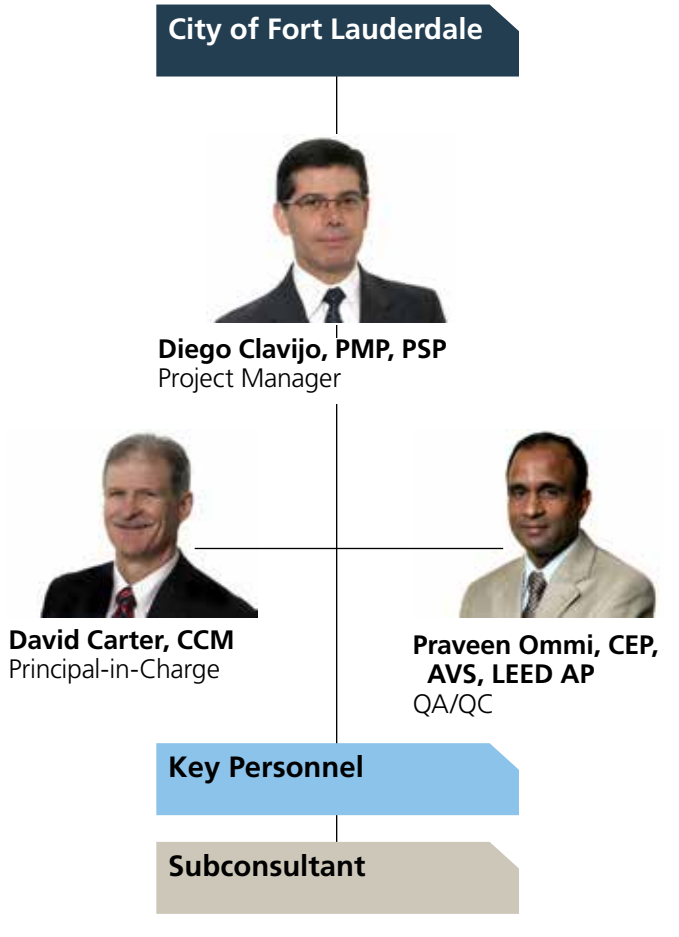
5. **Claims Consulting Services for M-DCPS, Miami-Dade County, FL.** Mr. Clavijo served as manager of claims services, senior claims analyst, and expert witness responsible for providing claims consulting services to M-DCPS on construction claims associated with multiple school construction projects. Tasks included providing expert analysis and directing a staff of employees working with M-DCPS staff, outside counsel, and other consultants to successfully defend contractor and surety claims against M-DCPS. Work involved detailed cost and schedule analysis, construction deficiencies analysis, depositions, mediations, and full litigation support. Claims from contractors have been for \$500,000 to \$20 million and included items such as delays, errors and omissions, unforeseen conditions, and improper termination. M-DCPS saved an estimated tens-of-millions of dollars through Atkins’ strong defense.

“His leadership has helped us negotiate better GMPs!... We have saved several times over his fees! Diego is very owner/client driven! Great firm...great program coordinator.”

—Sylvia Berenguer, Director of Construction, FIU, May 11, 2012

**Communication plan**

Mr. Clavijo will be the single point-of-contact to the City for the successful execution of these projects, which includes keeping open lines of communication with the City, potential stakeholders, and all team members.



“I commend the quality of services that have been provided by Mr. Clavijo and the Atkins team, as they have continuously demonstrated their commitment to support the City in the successful delivery of capital improvement projects.”

—Albert Sosa, PE, Director, Capital Improvement Program, City of Miami, September 26, 2012

## 6. Approach to Scope of Work



## 6. Approach to Scope of Work

### Understanding of the City’s needs, goals, and objectives on this project

#### Project understanding

City of Fort Lauderdale is in the process of planning and executing its Community Investment Plan. Scope of projects include infrastructure, transportation, parks, and buildings. Projects in this plan include both short-term and long-term capital improvements and capital maintenance projects. The intent of the City is to implement this plan in a strategic manner to maximize economic development and improve quality of life for its residents, visitors, and businesses by incorporating a sustainable infrastructure. Typical projects include water and wastewater infrastructure, streetscape enhancements, parking facilities, fire stations, ADA upgrades, pier/seawall repairs, parks, and recreational facilities. The complexity and challenges of projects involve coordinating with ongoing operations, maximizing space utilization, aging infrastructure, unforeseen and existing conditions, coordinating with various stakeholders, confirming the safety of visitors and residents, and completing projects on time and under budget.

Based on current economic conditions, project funding has become a challenge for many agencies with limited sources of funds and increased competition for those funds. In addition, revenue projections have been changing due to higher operating costs, aging infrastructure, technology upgrades, and increased project needs. Construction costs continue to fluctuate, particularly with higher risks on those materials dependent on oil prices. Continued focus on sustainable (green) initiatives and environmental concerns contribute more than ever to project costs and schedules. However, there are also opportunities with current competitive pricing from the contracting community. Increased competitive bidding has allowed agencies to reassess project priorities. Extensive coordination with other agencies such as permitting and regulatory agencies, utility departments, various stakeholders, and the local communities significantly impacts the execution of programmed projects and their costs and timely completion. Success will be dependent on the City’s continued ability to plan, execute, manage risks, and capitalize on opportunities.

#### Goals and objectives

To plan and manage its funding and meet these objectives, the City has the need for experienced and qualified cost estimating consultants to provide reliable and accurate cost engineering services for projects from planning through design and successful construction completion. Reliable budgets and accurate cost estimates, comprehensive cost and time change controls during construction, and risk and claims mitigation will be key to successful completion of planned projects. The City requires these services for projects of varying scope, size, complexity, criticality, and cost. During early planning stages,

development of reliable program budgets will allow the City to make timely decisions to prioritize and plan projects within its Community Investment Plan. As each of the projects progress through design, detailed and accurate cost estimates and reconciliations will ensure projects are conforming with the intended scope and established budgets. Value engineering (VE) and alternatives analysis support will provide the necessary options to confirm best value is being targeted for projects success. At the bidding phase, timely bid analysis and review will allow the City to ensure that the bids are balanced, complete, and validated prior to selection of the construction entity. A thorough understanding of local market conditions and trends, and escalation factors, will allow for the cost consultants to provide invaluable input to ensure successful bidding. From the initiation of construction through project completion, our cost professionals can review pay applications, baseline and progress schedules, and any changes with respect to cost and time controls in a timely manner. Proper documentation will be necessary during construction to prevent and mitigate potential claims.

The Atkins team understands the City’s needs to provide quality and value-added cost consulting services. Our team of seasoned and experience cost and schedule professionals will work alongside a full-service architectural and engineering team. The ability of our cost professionals to tap into the expertise of in-house design professionals allows the City to be able to engage a large design firm with the services of a focused and experienced group of cost, schedule, and project management controls professionals.





Atkins has a proven approach in assisting agencies to successfully complete projects on time and under budget through effective management of costs and schedules—from planning to construction completion.

## Overall approach

Atkins' cost estimators, schedulers, and project management professionals use proven approaches and methods at various stages of projects from planning, design, and construction. As a project progresses from concepts through completion, we have significant experience providing preconstruction, construction, and post-construction phase services including budgeting, conceptual and detailed cost estimates, constructability reviews, VE, bidding support, pay application reviews, change control, contractor's baseline schedule reviews, monthly progress schedule reviews, time impact analysis, document controls, and construction administration. Our estimators follow guidelines established by ACEI, PMI, AIA, ASCE, and SAVE in developing our deliverables. We follow guidelines from the ACEI Total Cost Management (TCM) Cost Estimating and Budgeting process. This approach is detailed below and is applied to all of our cost estimates at various stages of design completion (15%, 30%, 60%, 90%, and 100%) with varying levels of design information, evaluating a change order, and project component life-cycle cost.

### Typical project approach

Prior to initiating the technical work for a typical project (i.e., a detailed cost estimate for a park improvement or program cost estimating to establish budgets for multiple Community Investment Plan projects being planned by the City) requiring cost estimating services, Atkins uses the following project initiation process:

#### Project initiation

- Initiate contact with/by City project manager or agent.
- Gather data about project.
  - » **Documents.** Drawings including as-builts, specifications, and contract documents.
  - » **Site visit.** Observe and document existing and ongoing conditions.
  - » **Scope of work.** New, renovations, repair, modernization, and sustainable design features.
  - » **Type of project.** Building, utilities, roadway, and site improvements.
  - » **Stage of design.** Planning, design development, 90 percent construction documents.
  - » **Contractual method.** D-B-B, CMAR, and D-B.
  - » **Estimate format.** Construction Specifications Institute (CSI) format or MasterFormat.
  - » **Complexities.** Phasing, operations impact, maintenance of traffic (MOT), community impacts, specialized equipment, existing conditions, and restrictive construction conditions (night, noise).
  - » **Deliverable.** Submittal deliverable needs such as timeline, report format, and software.

- » **Other services.** Negotiations support, extensive meetings, alternatives analysis, value engineering, constructability reviews, future design submittal estimates and schedule (100 percent or final CD), if required.
- » **Intent of estimate.** Validate project budget, prepare for bids, change order, and negotiations.
- » **Intent of schedule.** Establish construction duration, phasing definition, community awareness, owner planning, and time extension review.
- Identify and assign team resources (Atkins and consultants).
- Establish fee proposal and finalize submittal schedule for cost estimate/schedule deliverables.
- Upon notice to proceed, coordinate with City project manager and/or A-E for clarifications.
- Confirm that estimators and schedulers have all required and available documents (plans, specifications, front-end documents, addenda/supplementals, and site visit reports).
- Organize project management plan including resources, milestones, software, and level of detail.
- Thoroughly review all project documents.
- Confirm with the A-E on the remaining scope not detailed in drawings (planning and preliminary design).
- Confirm in-contract and not-in-contract scope.
- Identify long lead items (specialized equipment that requires vendor pricing).
- Conduct a more thorough site visit/inspection, if required.

#### Upon notice to proceed

- Coordinate and conduct thorough site visit/inspection and document findings.
- Ensure that estimating team has all required and available documents (as-built plans, specifications, scope of work, site visit reports, etc.).
- Communicate project management plan to team including milestones, software, and level of detail.
- Thoroughly review all project documents for scope validation and understanding of facility functions.
- Coordinate with contracting officer (CO) for any clarifications.
- Confirm in-contract and not-in-contract scope with CO (such as furnishings, loose equipment, etc.).
- Identify long lead items (specialized component equipment that requires vendor pricing).

Pursuant to and in addition to the project initiation and notice to proceed activities listed above, Atkins will use the following approach to develop detailed cost estimates:

#### Process for developing cost estimates

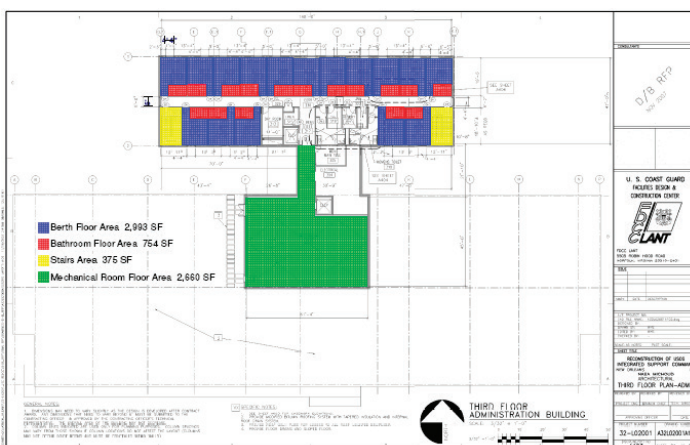
- Quantify all known division items (substructure, superstructure/shell, interiors, component equipment, and specialties using digitized take-off software).
- Establish major metrics such as overall gross square feet (gsf), net square feet (sf), and sf per floor area.

- Identify various functional aspects of the facilities (training areas, common areas, dining, auditoriums).
- Solicit pricing of specialized component equipment and furnishings.
- Develop cost estimate report with quantities.
- Establish unit pricing for line items using reliable sources such as RS Means Building.
- Adjust pricing to account for local conditions and project-specific complexities.
- Develop summary report of estimate including all basis, assumptions, exclusions, and qualifications.
- Establish general conditions including supervision, inspection, and overhead (SIOH) costs.
- Apply sufficient design contingencies to account for design stage.
- Apply costs for inflation, construction contingencies, and any non-construction activities (as required).
- Compile draft cost estimate report.
- Conduct quality control of cost estimate for completeness and accuracy.
- Submit draft estimate to City project manager for review and comments.
- Incorporate any comments and finalize cost estimate.
- Submit final deliverable and follow-up.

### Quantity validation

Material quantity take offs (MTO) will be performed using On-Screen Takeoff software (see below graphic). Using this tool will provide:

- Efficiency.
- Documentation (visual).
- Ability for better comparisons with other estimates.
- Better backup information.
- Ability to make any value analysis changes if necessary (alternative analysis).



### Pricing

Atkins has a team of full-time estimators who have worked in south Florida for more than 25 years. In addition to RS Means pricing knowledge, our experience in south Florida and with local cost data, market trends, and impacts to construction costs will be readily available.

### Scope validation

Atkins' in-house, multidisciplinary, and full-service resource pool of engineers and architects in our south Florida offices are colocated with our estimating resources. These technical resources will be called upon as necessary to support the knowledge and experience of our seasoned estimators in validating the scope of this project and ensuring that the cost estimate reflects the entire scope.

### Proposed vision, ideas, and methodology

Since several activities take place during the design and construction phases of projects, close coordination among several agencies and firms is required. Coordinating our services requires establishing clear, open communication with all those involved or affected by the project, sharing and distributing critical information related to design and construction decisions, and maintaining our awareness of ongoing activities within the project areas. Atkins' team members will develop excellent working relationships with the various City departments as well as other consultants working on the projects. Communication will be emphasized throughout the project and will be facilitated through regularly scheduled meetings and clearly written documentation. The following sections identify our approach to facilitate the necessary interface and to confirm that all applicable costs of all items of every project are accounted for. A customized work plan for each anticipated assignment is presented on page 61.

**Consistent, single point of contact.** The Atkins team will be led by our experienced project manager, **Diego Clavijo, PMP, PSP**, who will serve as the single point of contact between the City and the proposed team. Although the avenues for communications among team members will be open and flowing, the focal point for direction and accountability will be the project manager. Mr. Clavijo's primary focus will be coordinating with each of the team members, City of Fort Lauderdale staff, other consultants, regulatory and permitting agencies, and other governmental agencies, as necessary. He will be responsible for all internal project coordination so that the City's role can be one of monitoring and checking, rather than team coordination.



**Owner's extension of staff.** The Atkins team will serve as an extension to the City's project management staff. One of Atkins' roles will be to act as the owner's representative in establishing, verifying, and reconciling cost estimates and budgets of multiple projects through the progress of design. The ultimate objective will be to monitor the cost impact of the project through planning, design progress, and construction to confirm compliance with the project budget.

**Listening to our client.** Listening to our client has been a strong factor in Atkins' ability to successfully complete assignments. We propose to provide services consistent with the City's directives and underlying philosophy.

**Project kickoff.** For any specific estimating and/or scheduling task and immediately following the notice to proceed, we will initiate the project with a kickoff meeting, if necessary. Specific team members identified for each task, appropriate City staff, and other interested parties will attend. The goal of this meeting will be to distribute and discuss the project work plan, schedule, and project-related issues.

**Progress reporting.** Once a project schedule is developed and agreed upon by all team members and City of Fort Lauderdale staff, periodic summaries and updates of various activities in a narrative report will be provided, as necessary, for distribution among team members and the City of Fort Lauderdale. The objective is to provide positive direction to the team, track project variations in design and cost, and provide updates to design and data collection that may affect other activities.

**Team meetings.** Periodic team design meetings will be held for all key team members and City of Fort Lauderdale staff, if desired, to provide continuous and positive direction to all involved. Atkins will provide the agenda in advance of all meetings and will prepare meeting minutes and distribute them within 3 working days for review and approval by the City. Coordination of team meetings should be relatively simple since we have developed a lean, focused, and qualified team, rather than a multitude of subconsultants.

**Documentation.** All correspondence, telephone communications, meetings, directives, and discussions will be documented in writing by all team members. Standard forms will be developed specific to this project, for telephone conversations, meeting memoranda, and transmittals for use by the team. All correspondence will be copied to appropriate City personnel, outside agencies, and other team members as necessary.

## Other activities for project success

Atkins will work closely with the City of Fort Lauderdale throughout the contract and will promptly notify the City's project manager or representative of any information required that will help Atkins provide a better work product on assignments. Atkins will typically require the following for projects:

- All current design documents and specifications from the project designers
- Site visit/inspection and as-builts, as required to determine existing conditions
- Sufficient time from the project designers for clarifications on scope and technical issues
- Information on contract constraints related to time for performance, access, environmental, and phasing that could impact project costs
- Specific point of contact with whom Atkins should coordinate for each project

## Quality management program

There is a strong emphasis on quality control with an established process to confirm that quality deliverables accounting for the complete project scope, existing conditions, market trends, and major risks are developed. Atkins' QA/QC team will provide guidance and independent review of all work prior to submission to the City. Atkins is sensitive to the need of providing quality services for all projects, regardless of size.

Three basic principles drive our QC process. Although not unique, the intensity with which we carry out our QC process is the foundation for our success:

- **Do it right the first time.** The more accurate the cost estimate, the better the cost control.
- **Under budget, on-time completion.** Always remember that the goal is to complete the project under budget and on time.
- **No surprises.** Understand the owner's needs and keep them apprised of any potential issues or changes through clear and consistent communication.



At each milestone deliverable point, all completed work products (for example, a cost estimate submittal) will undergo Atkins' QC review process prior to release.

The final step in Atkins' QC process is QA or verification. Once the QC review process is completed, the Atkins person with QA responsibility reviews the documents to verify that the QC process was appropriately performed and authorizes release of the work product.

### Proposed approach

The Atkins team is aware of the challenges currently facing the City of Fort Lauderdale and for which the City will be looking to its cost estimating engineering consultant for guidance, problem-solving skills, and innovative solutions.

Atkins' approach to this project will:

- Assist the City in achieving its cost estimating engineering goals in a timely and cost-efficient manner.
- Provide a clear map of the process as it moves from task to task.
- Create simple means for the City and Atkins to communicate and interact throughout the project.

To accomplish these goals, Atkins offers a team of experienced professionals who will facilitate project success and cost effectiveness. The focus of this plan will be to leverage Atkins' experience with the City and in project controls to maximize the City's return on investment.

### Scheduling methodology

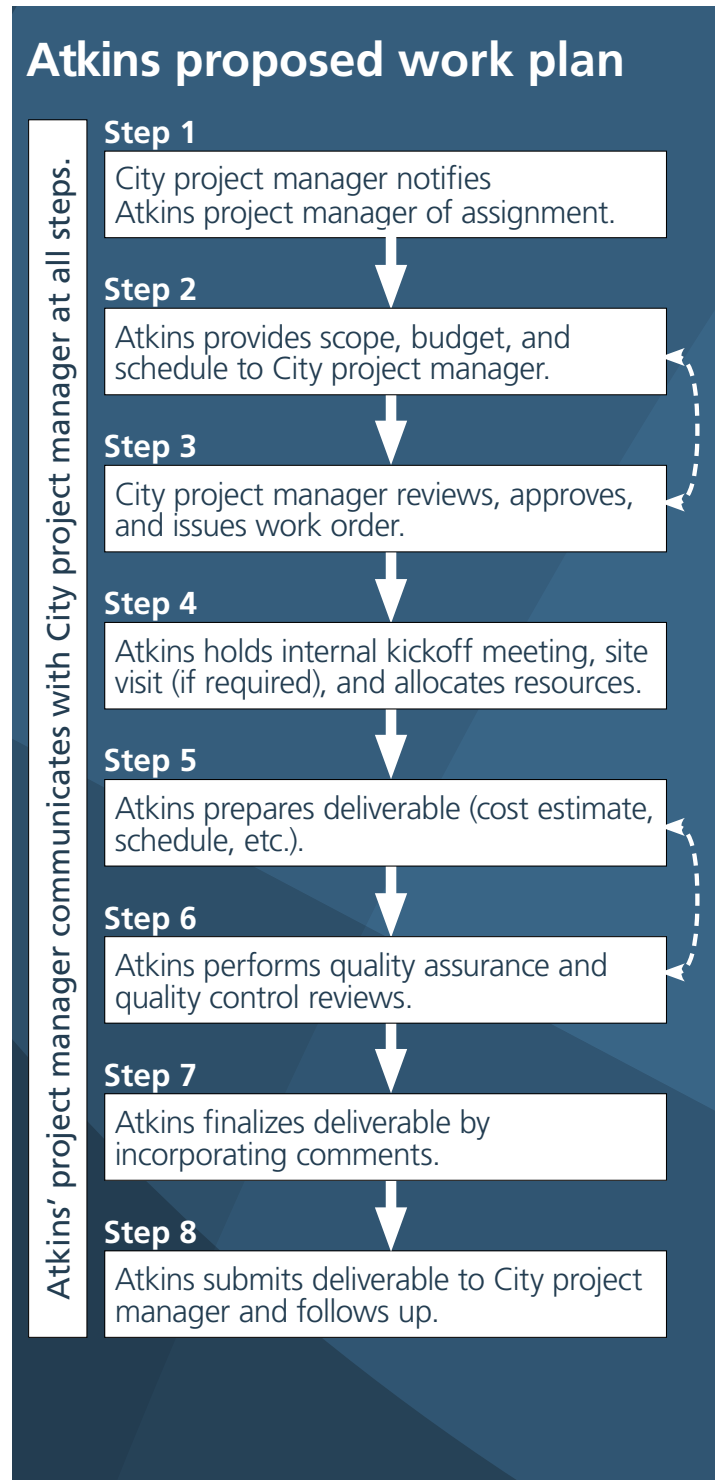
Making and keeping schedule commitments is crucial, not only to retain valued clients but also to maintain profitability and plan staff requirements to assure labor efficiency. For this contract, we will create a project task schedule that breaks down each work phase by task and by assignment.

Our schedule will pinpoint each discipline responsibility within a specific time frame, linking each work component with others being completed simultaneously on other aspects of the same task, or on related tasks. We will review and update the schedule weekly to reflect actual progress and anticipated needs. Through this schedule monitoring, we will be able to identify, at a glance, bottlenecks that could delay the overall schedule, and then redeploy staff to speed the workflow or exercise other remedies.

### Work plan

Communication is the foundation of our work plan, and effective communication is the linchpin of successful and timely project completion. Communication must begin with a clear project definition so that we understand your objectives and transform them into your vision. It is only after a project is properly defined that it can be successfully implemented.

The graphic below represents our typical overall task assignment execution process.



### Current workload

Atkins makes the commitment that all key personnel will be dedicated and available as necessary to meet the needs of the City of Fort Lauderdale. All Atkins project managers and staff realize that on-time delivery is a key element in meeting our commitments to clients. Atkins is able to overcome any unforeseen delays by assigning additional staff based on our extensive available resources. Our team is able to expand or contract as your needs change. We take great pride in our history of providing quality, timely services for our clients and are confident that we have the available resources to meet your needs for this project.

The current and projected workload of our staff is such that we can immediately proceed with City assignments. The personnel identified in our proposed organizational chart are available for immediate assignment to this project.

The following graphic demonstrates our team’s projected workload, based as a percentage.



### Available facilities

Atkins has had an office in south Florida since 1960 and has provided A-E services in Broward County since 1971. To best respond to the needs of the City, Atkins’ Fort Lauderdale office will serve as the primary location. **Diego Clavijo, PMP, PSP**, our proposed project manager, will manager the project through this office and will be supported by technical staff from other Atkins’ offices within proximity to and familiarity with the City.

### Atkins

3230 West Commercial Boulevard, Suite 100  
Fort Lauderdale, Florida 33309-3400  
954.733.7233

In addition to the named project team, Atkins is prepared to provide additional support staff, as necessary, from any of the 16 Atkins offices located across Florida to work on specialty project tasks on a case-by-case basis.

Our subconsultant, ACES, will provide facilities assessment services.

### Advance Consulting Engineering Services, Inc.

7800 W. Oakland Park Boulevard, Suite 109  
Sunrise, FL 33351  
954.746.6868

### Technological capabilities

Our staff capabilities are enhanced by our experience and training with various computer software programs in the project controls field including:

Cost estimating	Scheduling	Technology applications
<ul style="list-style-type: none"> <li>• Success Estimator</li> <li>• On-screen/ Autodesk QTO</li> <li>• MCACES/MII</li> <li>• RS Means Cost Works/Estimator</li> <li>• PACES</li> <li>• 4Clicks</li> <li>• PC-Cost</li> <li>• Building Information Modeling</li> </ul>	<ul style="list-style-type: none"> <li>• Primavera Enterprise</li> <li>• Microsoft Project</li> <li>• SureTrak</li> <li>• Schedule Analyzer Pro</li> <li>• Claim Digger</li> <li>• Risk analysis software (Crystal Ball, @Risk)</li> </ul>	<ul style="list-style-type: none"> <li>• Dashboards Databases</li> <li>• AutoCAD and MicroStation</li> <li>• Project-specific teamsites</li> </ul>

### Process and tools

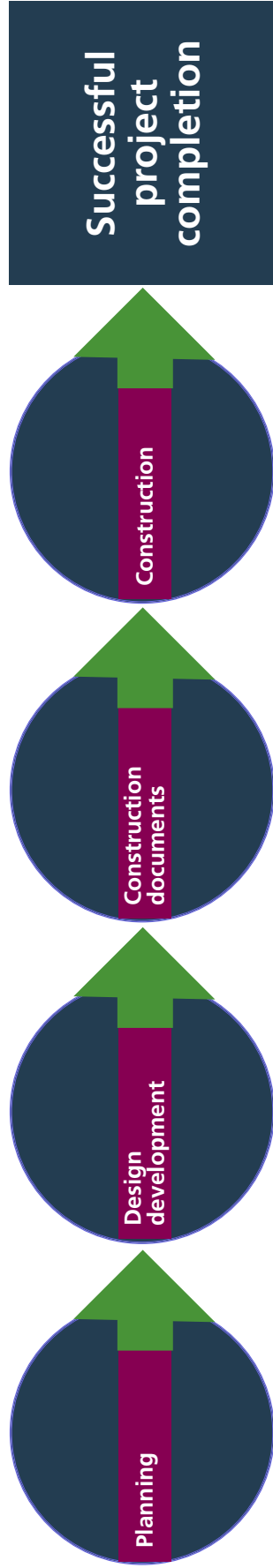
The graphic on the following page illustrates the typical project process and various tools that Atkins’ project controls professionals utilize to manage costs and time for successful project completion.

### Available resources

Atkins’ extensive and exceptional cost estimating engineering capabilities are supported by the wide breadth and depth of in-house resources associated with a large consultancy. This support includes SAVE-certified value specialists (CVS/AVS), claims analysts, and a registered fire protection engineer; architects; civil/utilities, electrical, mechanical, structural, traffic/MOT, and environmental engineers; scientists; commissioning agents; and sustainable design experts as well as certified BIM training and programming experts.

# Cost and schedule control process

- Schematic estimates
- Scope/phasing validation
- Inclusions and exclusions
- Historical information
- Quantities from CAD/BIM
- Estimate development
- Program budgets/CIP
- Projects prioritization
- Detailed estimate
- Pricing of major items with vendors
- Estimate reconciliation
- Value engineering
- Updated quantities from CAD/BIM
- Itemized estimate
- Value analysis
- Estimate reconciliation
- Market condition assessment
- Negotiations support (CMAR)
- Updated quantities from CAD/BIM
- Bid analysis
- Schedule of values review
- Baseline schedule review
- Cost control
- Pay requests review
- Document controls
- Earned value



- Identification of complexities
- Establishment of contingencies escalation to mid-point, and total project costs
- Contracting method (D-B-B, D-B, CMAR)
- Validation of project budgets
- Development of multiyear program budgets
- Coordination with technical disciplines
- Risk analysis
- Agencies coordination
- LEED cost evaluation
- Alternatives analysis
- Document coordination
- Constructability review
- Estimate reviews
- Assessment of bidding strategies
- Development of construction schedule
- Identification of construction contingency
- Evaluation of entitlement for changes
- Schedule reviews
- Project closeout
- Claims avoidance
- Claims analysis
- Legal support services



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## 7. References



## 7. References

Atkins' program controls practice has successful experience with similar cost estimating and scheduling term contracts with various agencies including City of Miami, City of Miami Beach, Orange County, Florida International University, Miami-Dade County Public Schools, School Board of Broward County, and School District of Palm Beach County, among many others. Atkins' professional experts, many of whom are recognized both nationally and internationally as technical leaders in their fields of expertise, work together to provide complete services to clients from project initiation to project closeout. Using proven communications strategies, our staff members seek to clearly understand all client objectives and goals to achieve success on every project. The strong rapport and strategic partnerships we form with clients result in maximum efficiency, productivity, and long-term benefits during project assignments and, as needed, into the future. To further reinforce the qualifications and experience of our team, provided below are references for projects of similar size and scope. These references may be contacted by the City of Fort Lauderdale during the evaluation phase as validation of our satisfactory performance record on current and past similar projects. We have also included reference letters from some of our clients at the end of this section.

Project	Project description	Client contact	Construction cost/ year completed
<b>City of Miami Capital Program Support Services (CPSS) for the Capital Improvements Program (2008–2012)</b> Miami, FL	Atkins completed more than 90 work orders, providing program support staff and specialty services to efficiently assist the City's CIP Office in the delivery and control of its capital plan. The City—through Atkins' flexible staffing capabilities—was able to adjust the required level of support services for core staff (full-time professionals collocated with City CIP staff) and supplemental staff who are assigned to specific project tasks on an as-needed basis. Support services were provided in program coordination/management, job order contracting (JOC) program management, cost estimating, project controls, planning and scheduling, facility assessment, contract compliance, and forensic investigation, among others.	City of Miami 444 SW 2nd Avenue Miami Riverside Center Miami, FL 33130  Jeovanny Rodriguez, PE, Assistant Director, Capital Improvement Program Ph: 305.416.1225 Fax: 305.416.2153 jeovannyrodriguez@miamigov.com	<b>Construction cost:</b> \$750M (estimated) N/A (actual)  <b>Year completed:</b> 2007–2013 (Since reselected for 2013–2018)
<b>Florida International University Cost Estimating and Scheduling Services (2009–2012)</b> Miami, FL	Atkins provided cost estimating, scheduling, facilities assessment, forensic investigation, claims support, utilities planning, and value engineering (VE) services for Florida International University's (FIU) Facilities Department. Projects ranged from facilities-type projects and civil improvements to forensic analysis with construction costs ranging from \$350,000 to \$45 million for traditional D-B-B to CMAR projects.	Florida International University 11200 SW 8th Street Miami, FL 33174  Sylvia Berenguer, Director of Construction Ph: 305.348.4077 Fax: 305.348.4010 berengue@fiu.edu	<b>Construction cost:</b> \$350K–\$45M (estimated) N/A (actual)  <b>Year completed:</b> Ongoing
<b>City of Miami Beach Constructability, Cost, and Value Engineering Review Services</b> Miami Beach, FL	Atkins is providing as-needed construction engineering and inspection services to the City of Miami Beach. To date, services have included cost estimating, resident project representative services, constructability review, CM support, and claims services.	City of Miami Beach 1700 Convention Center Drive Miami Beach, FL 33139  David Martinez, PE, LEED AP, Director, Miami Beach Capital Improvement Projects Ph: 305.673.7071 Fax: 786.394.4103 davidmartinez@miamibeachfl.gov	<b>Construction cost:</b> \$100K–\$5M (estimated) N/A (actual)  <b>Year completed:</b> Ongoing



Project	Project description	Client contact	Construction cost/ year completed
<p><b>School Board of Broward County Cost Estimating and Scheduling Services (1996–2008)</b></p> <p>Broward County, FL</p>	<p>Atkins was selected in 1996 to provide cost estimating and scheduling services for the School Board of Broward County, and has been reselected twice for additional 3-year terms. As an integral part of the project management team for SBBC, Atkins provided capital program support to implement the 5-year work program and specific project controls services on an as-needed basis for many schools. Individual projects included elementary, middle, and high schools and education centers. Atkins' project controls professionals supported projects with various project delivery methods such as hard bid projects, CMAR, total program management, and minor project continuing term contracts.</p>	<p>School Board of Broward County 1643 North Harrison Parkway, Building H Sunrise, FL 33323</p> <p>Dave Archer, Project Manager III Ph: 754.321.1660 Fax: 754.321.1682 dave.archer@browardschools.com</p>	<p><b>Construction cost:</b> \$800M (estimated) N/A (actual)</p> <p><b>Year completed:</b> 2008</p>
<p><b>School District of Palm Beach County Cost Estimating and Value Engineering Services (2006–2009)</b></p> <p>Palm Beach County, FL</p>	<p>Atkins provided cost estimating and value engineering services for elementary, middle, and high schools in the School District of Palm Beach County (SDPBC). Under this 3-year task order contract, projects involved new schools, additions, renovations, repair, and maintenance projects, as well as facility assessments. Construction costs ranged from \$200,000 to \$100 million for projects that ranged from traditional design-bid-build and design-build to CMAR contracts.</p>	<p>School District of Palm Beach County 3661 Interstate Park Road N., Suite 200 Riviera Beach, FL 33404</p> <p>John Andrews, Director of Project Controls Ph: 561.882.1956 Fax: 561.357.7569 andrewsjo@palmbeach.k12.fl.us</p>	<p><b>Construction cost:</b> \$200K–\$100M (estimated) N/A (actual)</p> <p><b>Year completed:</b> 2009</p>
<p><b>Miami-Dade County Public Schools Construction Cost Estimating Services (2004–2008)</b></p> <p>Miami-Dade County, FL</p>	<p>Atkins' program controls group was reselected for a fourth consecutive term by Miami-Dade County Public Schools (M-DCPS) to provide construction cost estimating services required by this program—services that the firm has provided to M-DCPS since 1996.</p>	<p>Miami-Dade County Public Schools 1450 NE 2nd Avenue Miami, FL 33132</p> <p>Raul Perez, Executive Director – Office of Facilities Construction Ph: 305.995.4701 Fax: 305.995.4738 rperez6@dadeschools.net</p>	<p><b>Construction cost:</b> \$600M (estimated) N/A (actual)</p> <p><b>Year completed:</b> 2008</p>
<p><b>Orange County Cost Estimating and Scheduling Evaluation Services</b></p> <p>Orlando, FL</p>	<p>Scope of this task-order-based contract includes providing budgets at planning stages of projects, developing conceptual and detailed cost estimates based on design documents and facility assessment reports, reviewing change orders and time extensions, value engineering support, bid reviews, and alternatives analysis. Projects have included fire stations, parks, administration buildings, correctional facilities, service centers, roads and drainage, and infrastructure improvements.</p> <p><b>Completed over 30 cost estimating task orders to date.</b></p>	<p>Orange County 400 East South Street, Suite 500 Orlando, FL 32801</p> <p>Sarah Flynn-Kramer, Manager, Capital Projects Division Ph: 407.836.0048 Fax: 407.836.0051 sara.flynn-kramer@ocfl.net</p>	<p><b>Construction cost:</b> \$50K–\$4.5M (estimated, multiple projects) N/A (actual)</p> <p><b>Year completed:</b> 2015</p>

## Letters of reference

# City of Miami



JOHNNY MARTINEZ, P.E.  
City Manager

September 26, 2012

Atkins North America, Inc.  
Attention: Humberto Alonso Jr., AIA  
2001 NW 107th Avenue  
Miami, Florida 33172

To Whom It May Concern:

The City of Miami's Capital Improvement Program (CIP) Department is responsible for the planning, coordination, implementation, and monitoring of all construction related capital projects in the City, as well as the financial management of all capital funds. The City's multi-year capital plan encompasses more than 300 projects valued at nearly \$550 million.

Since 2008, Atkins has been providing Capital Program Support Services (CPSS) for the City's CIP. To date, the firm has successfully executed more than 90 work orders in all areas of program/project management including cost estimating, construction management and inspections, Job Order Contracting (JOC) (managed over 400 JOC orders), engineering analyses, surveying, value engineering, constructability reviews, GIS, CAD support, environmental remediation, utility coordination, claims, and scheduling. Atkins has supported landmark projects such as the Marlins Stadium Parking Garages, Bicentennial Park Seawall Stabilization, and the Miami Trolley Service.

Diego Clavijo, PMP, PSP, has served as officer-in-charge for this contract for the last 4 years. His responsibilities have included, but are not limited to, coordinating and overseeing the execution of tasks, identifying and assigning qualified technical professionals for task execution; defining and preparing scope and fee estimates; providing quality assurance of deliverables; communicating with the City's design and construction managers; and confirming that work efforts and deliverables meet or exceed our expectations.

I commend the quality of services that have been provided by Mr. Clavijo and the Atkins team, as they have continuously demonstrated their commitment to support the City in the successful delivery of capital improvement projects.

Sincerely,

Albert Sosa, PE  
Director, Capital Improvement Program

CAPITAL IMPROVEMENTS PROGRAM  
444 S.W. 2nd Avenue, 8th Floor / Miami, FL 33130 / (305) 416-1280 / Fax: (305) 416-2153  
Mailing Address: P.O. Box 330708 Miami, FL 33233-0708



**THE SCHOOL BOARD OF MARTIN COUNTY, FLORIDA  
FACILITIES DEPARTMENT**

1050 SE 10th Street, Stuart, Florida 34996 • Telephone (772) 223-3105 • Facsimile (772) 221-4912



**Julie L. Sessa**  
Director of Facilities & Planning

**Garret Grabowski**, Construction Manager,  
**J. Lisle Bozeman**, Capital Projects/Planning Specialist,  
**Courtney Morgan**, Building Official  
**Mark Cocco**, Operations Manager, (772) 219-1275  
**Kent Mershon**, Energy Manager

March 5, 2009

Mr. Praveen Ommi, CEP  
Sr. Division Manager, Program Controls  
PBS&J  
2001 N.W. 107 Avenue  
Miami, FL 33172

Subject: Letter of Reference  
**Cost Controls Support**

To Whom It May Concern:

PBS&J was contacted by Martin County School District in 2007 to provide a study on the construction cost trends over the past few years. The School District had been experiencing a significant amount of concern regarding the increase in construction costs of its new schools during the period of 2003 to 2007.

Immediately after being contacted, Mr. Ommi met with our school district staff over the course of the next few months and provided critical and necessary cost control services. The assignment concluded with a presentation on PBS&J's findings to the Martin County School Board during a special workshop. The findings and the presentation were well received by the Board Members and helped them understand the impact of various elements that had resulted in escalated construction costs in the Florida market. His experience and understanding of construction costs and trends, as well as his response to our needs and our timeline, was extremely useful.

The Martin County School District appreciates the professionalism and expertise that PBS&J provided on our assignment and would recommend PBS&J to any agency requiring project controls services.

Please feel free to contact me with any questions.

Sincerely,

Julie L. Sessa  
Director of Facilities and Planning

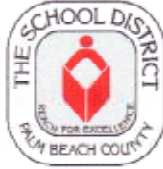
JLS:ws/09-026

Nancy Kline, Superintendent of Schools

School Board Members: Dr. David L. Anderson • Maura Barry-Sorenson • Laurie Gaylord • Susan J. Hershey • Lorie Shekailo

*"An Equal Opportunity Agency"*

\*The PBSJ Corporation (PBSJ) and its subsidiary, PBS&J, joined Atkins on October 1, 2010, and now operate as a national business of Atkins in the United States. On April 1, 2011, PBS&J changed its name to Atkins North America, Inc. (Atkins).



THE SCHOOL DISTRICT  
OF PALM BEACH COUNTY, FLORIDA  
PROJECT CONTROLS DEPARTMENT  
3661 INTERSTATE PARK ROAD N. SUITE 200  
RIVIERA BEACH, FL 33404  
Tele # (561) 882-1956 FAX # (561) 882-1984  
Email: [andrewsj@palmbeach.k12.fl.us](mailto:andrewsj@palmbeach.k12.fl.us)

John Andrews  
Director, Project Controls

ARTHUR C. JOHNSON, Ph.D.  
SUPERINTENDENT

June 28, 2010

PBS&J  
482 South Keller Road  
Orlando, FL 32819

To Whom It May Concern:

PBS&J was under contract to the School District of Palm Beach County for over 3 years from 2006-2009.

The scope of their assignment included Value Engineering and Cost Estimating. PBS&J was not only instrumental in the initial Estimating system design and installation, but has continued on throughout the period performing system modifications, input of data supplied by SDPBC personnel, design and production of monthly reports, and from time to time, Change Order review, Scheduling, and assisted in Construction Claims analysis.

The Estimating Data and Control System have now been implemented and the PBS&J team has been one of the key players. It was a pleasure to have an organization like PBS&J to count on during the course of this assignment.

Sincerely,



**John Andrews**  
**Director of Project Controls**  
School District of Palm Beach County  
Phone: (561) 882-1956  
Email: [andrewsj@palmbeach.k12.fl.us](mailto:andrewsj@palmbeach.k12.fl.us)

Palm Beach County Schools – Rated "A" by the Florida Department of Education – 2005-2008  
Equal Opportunity Employer  
[www.palmbeach.k12.fl.us](http://www.palmbeach.k12.fl.us)





June 30, 2010

Mr. Diego J. Clavijo, PMP  
AVP/Sr. Group Manager  
PBS&J  
2001 NW 107 Av  
Doral, FL, 33172

Re: Letter of Recommendation

To Whom It May Concern:

PBS&J has been under a Continuing Services Agreement with Florida International University to provide Construction Cost Estimating and Scheduling services since October 2008. Under this agreement, PBS&J provides cost estimating, scheduling, engineering and architecture technical consultations and claims analysis in support of the University's Facilities and Construction Management program.

PBS&J professionals have provided excellent support to the University in several areas such as project/program management, project controls, claims management, and multi-disciplinary assessments of building facilities and infrastructure. PBS&J staff has always been available and ready to support the University in any of our needs at a moments notice.

We can rely on PBS&J's technical knowledge, service and quality to address our facilities and construction needs.

Sincerely,



Sylvia Berenguer  
Director of Construction for Minor Projects  
Florida International University  
Phone: 305-348-4077  
Email: [berengue@fiu.edu](mailto:berengue@fiu.edu)

U.S. Department of  
Homeland Security  
United States  
Coast Guard



Commanding Officer  
U. S. Coast Guard Facilities Design  
And Construction Center, Atlantic

5505 Robin Hood Rd., Suite K  
Norfolk, Va. 23513  
Staff Symbol: Projects  
Phone: (757)852-3488  
Fax: (757)852-3495

11000  
8 May 2008

Praveen Ommi  
PBS&J  
2001 N.W. 107 Avenue  
Miami, FL 33172

Dear Mr. Ommi:

Re: RFQ262340 - Cost Engineering Services  
**Integrated Support Center (ISC), New Orleans, LA**

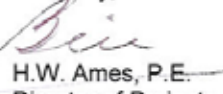
Task: Independent Review and Analysis of Government Cost Estimate  
Project Type: Design-Build Project  
Design-Build Cost: Approx. \$85 Million  
Project Scope: Administration Building, Industrial Building, Site Improvements and Marine work

I want to extend my appreciation for your efforts in reviewing the Government estimate for the ISC Now Orleans project. You provided an excellent report which was very useful in awarding this critical project. Your efforts were professional, of the highest quality and timely. Your unhesitant cooperation when I requested a quick turn around on the preliminary report was commendable.

I look forward to working with you and PBS&J on future tasks and recommend your firm and your services to any Federal agency.

Should you have any questions or require further information, please contact me at 757-852-3488 or email me at [henry.w.ames@uscg.mil](mailto:henry.w.ames@uscg.mil).

Sincerely,

  
H.W. Ames, P.E.  
Director of Projects  
U. S. Coast Guard  
By direction





*Operates the statewide  
Turnpike System as  
part of the Florida  
Department of  
Transportation*

**JEB BUSH**  
*Governor*

**DENVER J. STUTLER, JR.**  
*Secretary of  
Transportation*

**JAMES L. ELY**  
*Executive Director*

Turnpike Headquarters:  
Mile Post 263, Bldg. 5315  
Turkey Lake Service Plaza  
Ocoee, FL 34761

Mailing Address:  
P.O. Box 613069  
Ocoee, FL 34761

Tel: 407.532.3999

[www.floridasturnpike.com](http://www.floridasturnpike.com)

December 6, 2006

**To Whom It May Concern**

**Subject:** Reference for Mr. Praveen Omni, PBS&J

PBS&J has been providing cost consulting services for Florida's Turnpike Enterprise for over fifteen years as a general engineering consultant. Under that agreement, Mr. Omni has been serving as the Lead Cost Estimator for facilities projects for PBS&J since 1996.

Mr. Omni provided cost consulting services for the Turnpike Headquarters Facilities Design-Build project. Specific information regarding the project is as follows:

<b>Role of Individual:</b>	Lead Cost Estimator
<b>Start and Completion Dates:</b>	1998 - 2000
<b>Estimated Project Cost:</b>	\$26 Million
<b>Full-Time or Part-Time:</b>	Part-Time role during design, bidding and construction
<b>Key Contribution:</b>	

- Development of an Independent cost estimates
- Review of Design-Builders cost and technical proposals
- Supplemental Agreements development and negotiations support
- Contract Documents preparation support
- Pay Applications Review and approval recommendations
- Minority Business Enterprise program monitoring support
- Coordination of various contracts (Communications, Furniture, Off-Site)
- Construction Schedule Reviews

PBS&J managed the cost controls aspect of this project from concepts to completion. In the initial phases, PBS&J supported the budget development process by establishing a reliable project budget and providing justification for the funding approval process. During the design development phase, cost estimates were developed to ensure that the design was consistent with the budget. And during construction, supplemental agreements were evaluated to ensure validity. Through PBS&J's cost control support, the project was completed successfully on time and under budget.

Please contact me should you require any additional information.

Sincerely,

William F. Sloup, P.E.  
Turnpike Design Engineer

WFS/lmc



## 8. Minority/Women (M/WBE) Participation

8. Minority/Women (M/WBE)  
Participation

## 8. M/WBE Participation

Atkins has a corporate philosophy that promotes fair and equitable consideration and utilization of M/WBE subcontractors, suppliers, and vendors in support of all company programs. We maintain a Minority Business Utilization and Development Plan. Atkins' M/WBE program is an integral part of our corporate operations and provides a vital link between Atkins and the minority business community. The M/WBEs that have participated in our projects have also been the recipients of a significant transfer of technology, expertise, and hands-on experience from Atkins. This reflects Atkins' corporate commitment to a "mentoring" approach to our M/WBE subconsultants and has enabled some M/WBEs to develop and retain a foothold in other areas of the consultant community.

Atkins was recognized for this philosophy in the One Florida Initiative Corporate Roundtable. This award was given to firms that strive to explore new ways of effectively advancing equality in the construction industry. In partnering with the State of Florida in this program, Atkins has demonstrated its commitment to the utilization of small and minority businesses.

To summarize, it is Atkins' corporate policy to:

- Conduct a program that will enable M/WBEs to be considered fairly as subcontractors and suppliers on projects undertaken by the firm.
- Provide adequate and timely consideration of the potential usage of M/WBEs.
- Assure that M/WBEs will have an equitable opportunity to compete for subcontracts or to provide services.
- Maintain a list of M/WBEs.
- Take affirmative action, where necessary, to ensure that the policy is adhered to in all instances.

Atkins' Corporate Diversity Advisory Council (CDAC), established in 2003, also reiterates and strengthens our dedication to developing best practices for recruiting, retaining, and advancing people of diverse backgrounds. This program and other corporate initiatives have made Atkins one of Florida's leading employers in the utilization of minority individuals and minority firms.

### Past MBE efforts

Atkins is committed to using M/WBEs on our projects. An example of the work we have subcontracted to minority firms is highlighted below.

**Fort Lauderdale-Hollywood International Airport New Runway 9R-27L Expansion Design and Design-Build Support, Broward County Aviation Department.** Atkins' team includes eight DBE subconsultants, and we have subcontracted 27.90 percent of the contract's value to DBE firms.

### M/WBE subconsultant

Atkins has augmented our team with a qualified certified MBE firm. Our subconsultants are selected based on proven technical capability, successful local experience, and demonstrated client commitment. **Advance Consulting Engineering Services, Inc. (ACES)**, will provide facilities assessment. Copies of ACES' certifications—M-DCPS M/WBE, Broward College M/WBE, School Board of Broward County M/WBE, Miami-Dade County SBE, and FDOT District Four DBE—are shown on pages 15 and 16.



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## 9. Local Business Preference (LBP)




9. Local Business Preference (LBP)

# 9. Local Business Preference (LBP)

## LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

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

- (1) \_\_\_\_\_  
Business Name is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the City of Fort Lauderdale current year Business Tax Receipt **and** a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.
- (2) \_\_\_\_\_  
Business Name is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Business Tax Receipt **or** a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.
- (3) Atkins North America, Inc.  
Business Name is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.
- (4) \_\_\_\_\_  
Business Name requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
- (5) \_\_\_\_\_  
Business Name requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
- (6) \_\_\_\_\_  
Business Name is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. and does not qualify for Local Preference consideration.

BIDDER'S COMPANY: Atkins North America, Inc.  
 AUTHORIZED COMPANY PERSON: David J. Carter, CCM  
 Senior Vice President  February 24, 2014  
 NAME SIGNATURE DATE

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## 10. Sample Insurance Certificate



# 10. Sample Insurance Certificate



## CERTIFICATE OF LIABILITY INSURANCE Page 1 of 2

DATE (MM/DD/YYYY)  
02/17/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Willis of New York, Inc. c/o 26 Century Blvd. P. O. Box 305191 Nashville, TN 37230-5191	CONTACT NAME:		
	PHONE (A/C NO. EXT):	877-945-7378	FAX (A/C NO.): 888-467-2378
	E-MAIL ADDRESS:	certificates@willis.com	
	INSURER(S) AFFORDING COVERAGE	NAIC#	
	INSURER A: Greenwich Insurance Company	22322-001	
INSURED Atkins North America, Inc. 2001 NW 107th Avenue Miami, FL 33172-2507	INSURER B: American Guarantee & Liability Insurance	26247-001	
	INSURER C: Underwriter's at Lloyds	15792-001	
	INSURER D:		
	INSURER E:		
	INSURER F:		

**COVERAGES**

CERTIFICATE NUMBER: 21158917

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADD'L INSRD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liability	Y	Y	CGG740901602	4/1/2013	4/1/2014	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000
							MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS	Y	Y	CAH740901702	4/1/2013	4/1/2014	COMBINED SINGLE LIMIT (Ea accident)	\$ 2,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$Zero			AUC924234901	4/1/2013	4/1/2014	EACH OCCURRENCE	\$ 1,000,000
							AGGREGATE	\$ 1,000,000
								\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	CWG740901502	4/1/2013	4/1/2014	<input checked="" type="checkbox"/> WC STATUTORY LIMITS	<input type="checkbox"/> OTHER
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
C	Professional Liability-Claims Made			B080111209P13	4/1/2013	4/1/2014	\$1,000,000 Each Claim & \$2,000,000 Annual Aggregate 11/11/1961 Retrodate	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach Acord 101, Additional Remarks Schedule, if more space is required)

RFQ #246-11374, A Continuing contract for Cost estimating Engineering consulting Services.

Greenwich Insurance Companies Best Rating A XV  
American Guarantee and Liability Insurance Company Best Rating A+ XV  
Underwriters at Lloyd's London AM Best Rating: A XV.

Professional Liability policy written on claims-made basis.

**CERTIFICATE HOLDER**

**CANCELLATION**

City of Fort Lauderdale 100 North Andrews Avenue Fort Lauderdale, FL 33301	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

Coll: 4339192 Tpl: 1610494 Cert: 21158917 © 1988-2010 ACORD CORPORATION. All rights reserved.

ACORD 25 (2010/05)

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AGENCY CUSTOMER ID: 33004588

LOC#: \_\_\_\_\_



### ADDITIONAL REMARKS SCHEDULE

Page 2 of 2

AGENCY Willis of New York, Inc.		NAMED INSURED Atkins North America, Inc. 2001 NW 107th Avenue Miami, FL 33172-2507	
POLICY NUMBER See First Page		EFFECTIVE DATE: See First Page	
CARRIER See First Page	NAIC CODE		

**ADDITIONAL REMARKS**

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,  
FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE**

There are no Deductibles or Self-Insured Retentions on the General Liability, Automobile Liability, Workers Compensation and Umbrella coverages.

City of Fort Lauderdale and City of Commission are included as Additional Insureds as respects to General Liability (including completed operations) and Auto Liability.

Coverage for Contractual Liability and Independent Contractors are provided under the Auto Liability policy.

Waiver of Subrogation applies in favor of Additional Insureds with respects to General Liability and Auto Liability.

# 11. Joint Ventures



# 11. Joint Ventures

Not applicable for this submittal.



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## 12. Subconsultants

## 12. Subconsultants

Atkins has augmented its team with a qualified subconsultant to provide services to the City of Fort Lauderdale. Our team was selected based on proven technical capability, successful local experience, and demonstrated client commitment.

### ACES Consulting Engineers

**Advance Consulting Engineering Services, Inc. (ACES)**, a certified W/MBE, will provide facilities assessment

services. ACES specializes in providing consulting and testing of building envelope and forensic studies for roof and building envelope failures, and has performed more than 100 roof and building envelope surveys. The firm's extensive experience includes computer roofing management programs to assist in the development of the most site-specific, detailed roof service available. ACES' laboratory is certified by Miami-Dade County for roof testing. ACES' professionals have served clients such as M-DCPS; FDOT; and Miami-Dade, Broward, Palm Beach, and Pinellas Counties, providing a wide range of engineering services for educational facilities, multistory buildings, complex roadways, and bridge designs. ACES is experienced in assessing facility issues related to water intrusion, mold and mildew, and construction quality. The firm's strengths include testing for building envelope issues such as moisture content, roofing, stucco, and paint dilapidation.

Atkins and ACES have worked together on the following:

#### City of Sunrise Fire Stations #39 and #83, Sunrise, FL

This project involved assessing water intrusion problems at Fire Stations #39 and #83.

**Client:** City of Sunrise

**Project value:** \$585K (est.)

**Project duration:** 2009–2011

#### Miami Beach Water Intrusion Investigation, Miami Beach, FL

This project involved limited water intrusion investigation at Murano Grande building.

**Client:** City of Miami Beach

**Project value:** \$678K (est.)

**Project duration:** April 2013 –July 2013

#### Florida International University (FIU) Bolts Investigation Services, Miami, FL

This project involved bolts condition assessment/review of proposed repairs for the curtain wall system and windows at the recreation center.

**Client:** FIU

**Project value:** \$15,080 (fee)

**Project duration:** 2010–2011

#### FIU Cost Estimating and Scheduling Services Contract, Miami, FL

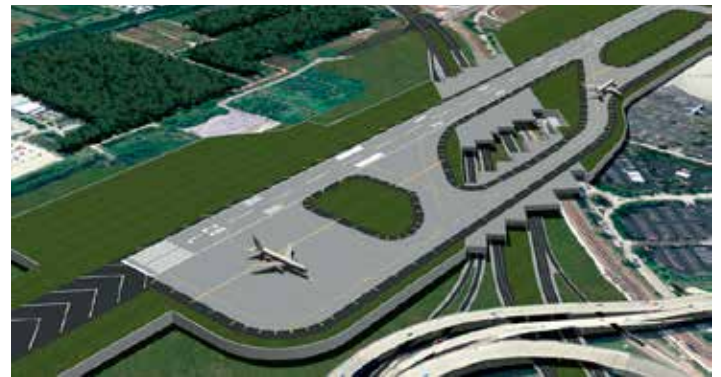
This project involved cost estimating, scheduling, facilities assessment, forensic investigation, claims support, utilities planning, and value engineering (VE) services for FIU's Facilities Department. Projects ranged from facilities-type projects and civil improvements to forensic analysis with construction costs ranging from \$350,000 to \$45 million for traditional D-B-B to CMAR projects.

**Client:** FIU

**Project value:** \$350,000–\$45,000,000

**Project duration:** 2009–2012

#### FLL New Runway 9R-27L Expansion Design and Design-Build Support (Fort Lauderdale-Hollywood International Airport), Fort Lauderdale, FL



Atkins was selected as the lead designer responsible for the replacement and expansion of Runway 9R-27L and associated taxiways, heading a team of 16 specialized and local subconsultants, including ACES. Atkins is providing the project manager/engineer-of-record for the \$800 million expansion, which will be delivered by design-build methodology, with Atkins preparing the design criteria package and developing the structures to the 30 percent level. Additional responsibilities include construction administration and oversight for the new 8,000-foot runway. The new runway will extend over the FEC Railroad, the airport perimeter road, terminal entrance roadways, future light rail corridor, and eight lanes of federal highway US 1. In addition to supporting aviation electrical infrastructure, lighting and signage, stormwater drainage system, NAVAIDs, this project requires construction of more than 500,000 square yards of pavement on some 6 million cubic yards of embankment and structure.

**Client:** Broward County Aviation Department

**Project value:** \$225M (est.)

**Project duration:** 2010–2015



Additional ACES' project experience follows:

### The Falls at Marina Bay, Fort Lauderdale, FL

ACES performed water tests for multiple buildings on this project site to explore possible sources of water intrusion into the buildings. ACES also served as an expert witness, performed several ASTM E1105 window tests, and surveyed the building envelope to assess possible sources of water intrusion into the apartment units.



**Client:** Taplin Development

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

**Project duration:** 2003–2005

### Various Schools for M-DCPS, Miami-Dade County, FL

ACES supported several litigation cases involving building envelope failures and was retained as an expert witness. These studies required several tests, such as window American Society for Testing and Materials (ASTM) and American Architectural Manufacturers Association (AAMA) water tests, stucco sounding and coring tests, roof surveys, and flood tests. ACES also developed building survey reports to help school maintenance personnel perform preventive maintenance in some buildings.

**Client:** Miami-Dade County Public Schools

**Project value:** \$105,000

**Project duration:** 2002–2008

### South Beach Hotel, Miami Beach, FL

ACES performed more than 200 water tests in this multistory building to explore possible sources of water intrusion into the building. ACES' representatives documented all phases of remedial work and helped to prepare the plaintiff's case for trial. ACES also performed roof surveys for maintenance repairs and warranty issues.

**Client:** Confidential c/o Hughes Hubbard & Reed, LLP

**Project value:** \$150,000

**Project duration:** 2000–2003

### Beacon Lakes, Miami-Dade County, FL

ACES performed roof construction monitoring for warehouses built on more than 430 acres in the southwest quadrant of the Florida's Turnpike and NW 25th Street. The warehouses' roof areas range from 150,000 to 210,000 square feet.



ACES provided daily monitoring and testing services during the installation of lightweight concrete insulation, as well as monitored the roof membrane and roof accessories installation.

ACES was also involved in the water testing of installed windows, panel caulking peel testing, and exterior paint and texture thickness testing as part of the quality control program during construction.

**Client:** Codina Development Corporation

**Project value:** \$90,000

**Project duration:** 2003–2005

### Flagler Station, Miami-Dade County, FL

ACES is installing a computer/Internet access roof management program for more than 35 buildings with roof areas ranging from 100,000 to 300,000 square feet. This program includes managing the repair process from identifying roof problems to contacting and supervising the repairs performed by a roofing contractor. ACES has performed water testing to explore possible sources of water intrusion into building areas. After Hurricane Wilma hit south Florida, the park experienced several roof damages. ACES was part of the Flagler team to assess the damages, perform necessary testing, and develop repair specifications. As the roof consultant designer for the park's reroofing program, ACES will assist with the replacement of two roofs per year for the next 5 years.

**Client:** Flagler Development, Inc.

**Project value:** \$250,000

**Project duration:** 2000–present

### Miami-Dade County Fire Rescue Department, Miami-Dade County, FL

ACES performed roof specifications review, roof construction monitoring, roof replacement specification development and contract management, building envelope survey, and testing for new and existing Miami-Dade Fire Rescue facilities. These facilities range from 5,000 to 50,000 square feet throughout Miami-Dade County.

**Client:** Miami-Dade Fire Rescue

**Project value:** \$90,000

**Project duration:** 2007–2008

# 13. Non-Collusion Statement



13. Non-Collusion Statement



# 13. Non-Collusion Statement

**NON-COLLUSION STATEMENT:**

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

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

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

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

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

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

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

<u>NAME</u>	<u>RELATIONSHIPS</u>
N/A	
_____	_____
_____	_____
	_____
	_____

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

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[www.atkinsglobal.com/northamerica](http://www.atkinsglobal.com/northamerica)