



Recreational Design & Construction, Inc.
3990 North Powerline Road
Fort Lauderdale, FL 33309

RDCDesignBuild.com
tel 954.566.3885
fax 954.566.3335

March 23, 2015

Mr. Thomas Green
City of Fort Lauderdale
100 N. Andrews Avenue
Fort Lauderdale, FL 33301

Re: Redevelopment of the Fort Lauderdale Aquatic Complex
Analysis of Escalation Costs

Dear Mr. Green:

As you are aware, the City of Fort Lauderdale requested that Recreational Design and Construction (RDC) substantiate our construction cost escalation.

As we discussed during our meeting on March 11th, the cost of this project is driven by the structure, and is therefore particularly sensitive to structural material cost increases.

We have gathered the attached documentation for your use and review. You will note, as stated above, that the majority of the construction cost impact is attributable to the structural component. To properly reflect this impact, and provide documentation, we have included a memo from CEMEX, a major local concrete supplier. You will find that the cost of concrete has risen in excess of 40%. As further substantiation, Structural Prestressed Industries, Inc., a major local prestressed concrete contractor, has provided a letter echoing the cost increases of concrete, as well as a market report for prestressed concrete reflecting a cost increase of 42%.

To accurately represent local market conditions, we have included proposals from our foundation contractor (auger cast piles). For this item, we have attached proposals from March, 2014 as well as March, 2015. You will note a cost increase, in a period of a single year, of almost 30%.

As you can see, the local construction market has grown in a manner that far exceeds national averages and trends. It is for this reason that we believe that national average figures and tendencies cannot be applied to this project or location, as it would provide an erroneous representation of real market conditions. Our local market experienced a greater collapse than the national average, and likewise, is experiencing a greater recovery.

The following chart summarizes the information detailed above.

Component	2012 Cost	2015 Cost	Percent Change
Concrete (CEMEX)	\$67.00	\$94.00	+40.3%
Precast Concrete	\$1,800,000.00	\$2,550,000.00	+41.7%
Auger Cast Piles	\$798,000.00	\$1,025,000.00	+28.4%

We have also attached contractor pricing for several items, as verification of our current project estimate and market response, including Division 3, Concrete, Division 4, Masonry, and Division 15, Mechanical.

Please feel free to contact me, should you have any questions, or if you would like to discuss any of the items detailed above.

Respectfully,



David A. Gomez
Project Manager

Encl: (10)

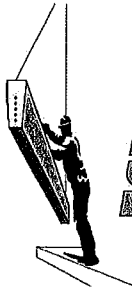
CC: Susanne Torriente, City of Fort Lauderdale
Don Morris, City of Fort Lauderdale
Joe Cerrone, Recreational Design and Construction
Willy Vogt, Recreational Design and Construction
Adrian Viera, Atkins Global



RE: Concrete Prices

Mr. Vogt, below is a view of the concrete prices in the past 5 years. The number is based on our standard 3000 mix for the Dade & Broward market.

Aug 12	\$67
Aug 13	\$72
Jan 14	\$80
Jul 14	\$88
Jan 15	\$94



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INDUSTRIES, INC.

March 18, 2015

Mr. Willy Vogt
Director of Pre-Construction
RECREATIONAL DESIGN & CONSTRUCTION, INC.

RE: ESCALATION COSTS IN THE PRECAST JOIST SCOPE OF WORK SINCE 2012

Dear Mr. Vogt:

In the precast market there are several factors affecting the cost of the overall scope of work in our trade including:

- Cost of materials (concrete, forming, mild steel, prestressing strands, etc.)
- Labor availability and wage variations
- Hoisting/Crane market rates and availability
- Market trends
- Cost of transportation/hauling services and availability, and more

After a rock bottom 2009, in our industry the worst year in gross sales and product pricing was 2012 hitting numbers comparable to 1996's and this was all caused by the eagerness of suppliers, subcontractors and General Contractors for getting workload that would allow their companies to stay afloat while the most awaited recession ending was still to come. However the takeoff of an unexpected marked rebound drove the costs of materials, labor and equipment to a skyrocketed pricing scheme that has not reached the top yet (from our standpoint).

While you could get concrete on the streets for closely \$50/CY nowadays you don't get any less than \$80-\$90/CY. In our case, high strength concrete prices for our products easily exceed the \$110/CY mark.

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Regarding the precast joist Market here's a brief report of the price and volume behavior during the past three years (2012-2014):

YEAR	Sales Volume Increase	Price/SF Increase
	%	%
2012	-	-
2013	91%	27%
2014	90%	42%

We have also noticed that some jobs have been affected more than others depending on the type of work to be performed but especially those that are more labor intensive have been impacted in a bigger manner due to the labor cost increases during the past years.

I hope this information results helpful to you and do not hesitate to call us if you should have any questions.

Best Regards,

Guillermo Navarro
Vice President of Estimating and Business Development
Structural Prestressed Industries, Inc.

"Manufacturers and Erectors of Quality Prestressed/Precast Products"
11405 N.W. 138th Street • Miami, FL. 33178 • Phone: (305) 556-6699 • Fax: (305) 556-9696
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March 18, 2015

Recreational Design & Construction, Inc.
3990 N. Powerline Road
Ft. Lauderdale, FL 33309

Attention: Mr. Willy Vogt

Subject: Ft. Lauderdale Aquatic Center
Ft. Lauderdale, Florida
Augered Piling – Budget Estimate

± \$1,200,000 w/ ADDS
scope of work

Gentlemen:

We propose to furnish all labor, equipment and material to install augered piling for the above-referenced project. Our proposed scope of work is in accordance with drawings prepared by Lakdas/Yohalem Engineering, Inc. dated January 7, 2015 and direction by RDC, Inc. No geotechnical recommendations were available while preparing this proposal.

Specifically, our scope of work will include the following:

1. Perform one mobilization of equipment and personnel and install 600 16-inch diameter augered piles 50 feet below working grade.
2. Perform one compression load test and one tension load test to twice the design capacity and overload tests as required.
3. Furnish and install the required steel reinforcing in each pile, including tension reinforcing in 180 16-inch piles.
4. Stockpile and remove from the site augered spoil and waste grout.
5. Chip the piles to cutoff, if required, in a single continuous operation.

We understand the site working grade will be at or near the elevation of the top of the pile caps and grade beams. We will install the piles from this working grade. We will chip the piles to cutoff after pile cap and grade beam excavation and dewatering, if required, by others. **(Pile cutoff debris will be disposed beneath the large shearwall pile caps. This will require overexcavation approximately 1-2 feet deeper.)**

(We will perform the work described above for the budget sum price of \$1,025,000.00)

We understand that there will be access for a standard drill rig. Additional costs may be incurred if restricted access equipment is required.

This proposal reflects material costs for 30 days from the day of the proposal. Increases in material costs after this date will be submitted for compensation plus fifteen percent overhead and profit.

(Payment and performance bonds can be furnished, if required, for the additional cost of 1.2% of our total contract amount.) We will include general liability coverage including

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vicarious liability and workers compensation insurance subject to the terms of the respective policies.

We find that typical pile installation methods and surveying inaccuracies result in pile deviations up to 4-5 inches. We believe that the structure should be designed to accommodate the expected deviations.

Unit Rates:

1. For additional piles, add per pile,
 - A. 16-inch compression..... \$1,540.00
 - B. 16-inch tension \$1,620.00
2. For piles installed longer than 50 feet below working grade, add per lineal foot,
 - A. 16-inch compression..... \$31.00
 - B. 16-inch tension \$33.00
3. For fewer piles, deduct per pile
 - A. 16-inch compression.....\$900.00
 - B. 16-inch tension.....\$950.00
4. Return to the site to perform additional pile cutoff, if required, per occurrence \$1,000.00
5. Excess grout due to unforeseen conditions (greater than 1.8 times the theoretical volume pumped in any individual pile, including waste), per cubic yard \$300.00
6. Standby time if the work cannot be performed in a continuous manner, per hour \$1,000.00
7. Remobilize to the site, if required, per mobilization\$25,000.00

(The above prices are based on the following being furnished or performed by others unless otherwise stated in this proposal)

1. Clear and safe access to the work with a level working grade.
2. Continuous work in an uninterrupted sequence.
3. **(Pile layout including marked pile cutoff elevations and as-built survey, if required.)**
4. Location and protection or removal of any conflicting utilities or structures with at least three feet of clearance from existing structures to center of pile.
5. **(Inspection of the load test and piling installation including grout compressive strength testing and overload tests.)**
6. Water for cleanup from 2-inch line within 200 feet of the working area.
7. Pile cap and grade beam excavation and dewatering, if required.
8. **(Cleanup and disposal of pile cutoff debris.)**
9. **(Provide grout washout bins, if required.)**
10. **(Installation of OSHA-required protective caps on exposed reinforcing steel bars.)**
11. **(Crane permits, crane bonds and crane inspections.)**
12. **(Field bending of any hooks required on pile reinforcing steel.)**
13. Payment in full within 30 days after completion of our portion of the work.
14. Tire washout pit, including labor.
15. Payment in full within 30 days after completion of our portion of the work.

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Thank you for giving us the opportunity to quote on this project. Please feel free to contact us if we can furnish any additional information.

Very truly yours,

HJ FOUNDATION



Jose M. Delgado
South Florida Regional Manager

Accepted by: _____

JMD/

C: Frank J. Fonseca, HJ Foundation

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March 19, 2014

Recreational Design & Construction, Inc.
3990 North Powerline Road
Ft. Lauderdale, FL 33309

Attention: Mr. Anthony Cotter

Subject: Ft. Lauderdale Aquatic Center Redevelopment
Ft. Lauderdale, Florida
Augered Piling – Budget Estimate

Gentlemen:

We propose to furnish all labor, equipment and material to install augered piling for the above-referenced project. Our proposed scope of work is in accordance with **revisions and directions** by Recreational Design & Construction, Inc. of structural drawings prepared by Lakdas/Yohalem Engineering, Inc. received March 18, 2014 and geotechnical report prepared by Tierra South Florida dated September 17, 2013.

Specifically, our scope of work will include the following:

1. Perform one mobilization of equipment and personnel and install (508) (600) 16-inch diameter augered piles 50 feet below working grade.
2. Perform one compression load test and one tension load test to twice the design capacity and overload tests as required.
3. Furnish and install the required steel reinforcing in each pile, including tension reinforcing in (152) 16-inch piles.
4. Stockpile and remove from the site augered spoil and waste grout.
5. Chip the piles to cutoff, if required, in a single continuous operation.

We understand the site working grade will be at or above the elevation of the top of the pile caps and grade beams. We will install the piles from this working grade. We will chip the piles to cutoff after pile cap and grade beam excavation and dewatering, if required, by others. Pile cutoff debris will be disposed beneath the pile caps. This will require over-excavation approximately 1-2 feet deeper.

We will perform the work described above for the budget sum price of **\$798,000.00**.

We understand that there will be access for a standard drill rig. Additional costs may be incurred if restricted access equipment is required.

This proposal reflects material costs for 30 days from the day of the proposal. Increases in material costs after this date will be submitted for compensation plus fifteen percent overhead and profit.

Payment and performance bonds can be furnished, if required, for the additional cost of 1.2% of our total contract amount. We will include general liability coverage including

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vicarious liability and workers compensation insurance subject to the terms of the respective policies.

We find that typical pile installation methods and surveying inaccuracies result in pile deviations up to 4-5 inches. We believe that the structure should be designed to accommodate the expected deviations.

Unit Rates:

1. For additional piles, add per pile,
 - A. 16-inch compression..... \$1,450.00
 - B. 16-inch tension \$1,500.00
2. For piles installed longer than 50 feet below working grade, add per lineal foot,
 - A. 16-inch compression..... \$28.50
 - B. 16-inch tension \$30.00
3. Return to the site to perform additional pile cutoff, if required, per occurrence \$1,000.00
4. Excess grout due to unforeseen conditions (greater than 1.8 times the theoretical volume pumped in any individual pile, including waste), per cubic yard \$300.00
5. Standby time if the work cannot be performed in a continuous manner, per hour \$800.00
6. Remobilize to the site, if required, per mobilization\$25,000.00

The above prices are based on the following being furnished or performed by others unless otherwise stated in this proposal:

1. Clear and safe access to the work with a level working grade.
2. Continuous work in an uninterrupted sequence.
3. Pile layout including marked pile cutoff elevations and as-built survey, if required.
4. Location and protection or removal of any conflicting utilities or structures with at least three feet of clearance from existing structures to center of pile.
5. Inspection of the load test and piling installation including grout compressive strength testing and overload tests.
6. Water for cleanup from 2-inch line within 200 feet of the working area.
7. Pile cap and grade beam excavation and dewatering, if required.
8. Cleanup and disposal of pile cutoff debris.
9. Provide grout washout bins, if required.
10. Installation of OSHA-required protective caps on exposed reinforcing steel bars.
11. Crane permits, crane bonds and crane inspections.
12. Field bending of any hooks required on pile reinforcing steel.
13. Payment in full within 30 days after completion of our portion of the work.

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Thank you for giving us the opportunity to quote on this project. Please feel free to contact us if we can furnish any additional information.

Very truly yours,

HJ FOUNDATION



Jose M. Delgado
South Florida Regional Manager

Accepted by: _____

JMD/

C: Frank J. Fonseca, HJ Foundation

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Comments from Clients, Colleagues and Engineering Design companies

Turner Construction – Louis Fiore, Senior Project Manager

"I have written a total of seven (7) letters in my career (37 years) that have been unsolicited. Please accept this letter from me as my personal thank you for providing this project with the most professional and knowledgeable staff of workmen I have ever had the pleasure to work with."

Clement Group – MacDill Air Force Base Parking Garage – Michael Leavins, SSHO

"I .. like to thank your piling crew for their knowledge and application of work practices, both individually and as a whole, deserving recognition for keeping our jobsite safe and quick to respond to every situation without having to be directed to do so".

Langan Engineering & Environmental Services - Roger A. Archabal P.E., Senior Associate

"Over the last 20 years, HJ Foundation has evolved into an industry leader in augured-cast-in-place piles in South Florida. HJ Foundation has spread their significant experience throughout Florida, the region and parts of the United States. They are a very professional group and a pleasure to work with."

James A Cummings, Inc. - A Tutor Perini Company - Darin L. Newell, Senior Estimator

"It has been our pleasure to develop a working relationship with a firm of HJ Foundation Caliber. Over the past several years HJ Foundation staff has been a knowledgeable advisor in regards to deep foundations, sheeting, shoring and tremie applications. They have participated heavily in the pre-construction process via design assist, early engineering, budgeting through final pricing. Their pre-construction assistance has translated to several successful and timely complete projects. In all we would strongly recommend HJ Foundation's services on future projects."

Soares da Costa - B. G. Firstenberger Jr., Senior Project Manager

"We contracted with HJ Foundation to install the deep foundations for Marina blue, our landmark project in downtown Miami. HJ Foundation committed to an aggressive schedule that included an important midpoint milestone date and a completion date. They made the milestone date by working a considerable amount of overtime. They will complete the installation one month ahead of schedule. The pile cutoff has been a smooth, well-coordinated operation as well"

Suffolk Construction Company, Inc. - Michael Yasuna, Senior Estimator

"..I appreciate as always the value that your participation at this early stage brings to the process. You have always responded with expeditious, accurate and thorough budgets that have assisted Suffolk in strengthening relationships with potential clients. No one could ask for a better team player."

KM Plaza Construction - Steven Gatto, Superintendent

"Thank you for your continuing attention with this project (2200 Collins). A word of thanks has to go out to the crew you had on site. Those men worked harder than any crew I've seen in many years. Looking forward to working with those guy's again and again."

ETTL Engineers & Consultants Inc, - Steve Richards P.E., Principal

"You guys are good.... The best I have work with.." Texas Cushing 100 MW Biomass power facility.

Coastal Construction - Tom C. Murphy, Vice President

"HJ Foundation (HJ) has performed several projects as a subcontractor to Coastal Construction (Coastal) over the last 12 years. Other projects successfully performed by HJ for Coastal include the following: Paladin, Miami International Airport 739, Neo Wind, New Vertika, 2701 Jejune Office Building, Axis, Intercontinental Hotel Addition, Milano at Dearing Bay, Siena at Dearing Bay"

Kaderabek Company - Barry R. Goldstein P.E., Vice President

“KACO is a local geotechnical engineering firm that has been in Miami for almost 30 years.... HJ Foundation has always been a professional company to work with. We have found that not only does HJ Foundation perform their work in a professional manner, they also have a technical staff that understands the engineering aspect of the work. This has been helpful on many projects both during the design phase as well as during construction. If anyone would like a more detailed discussion of our past history working with HJ Foundation, please contact us.”

Lauren Engineers & Constructors – Brian M. Rogers, Contracts Manager

“Lauren Engineers & constructors contracted with HJ Foundation to install several thousand auger cast piles (8005). HJ Foundation: 1. Competitively bid the work and provided a fair price, 2. Started their portion of the work on time, 3. Consistently stayed ahead of schedule, 4. Met their obligations and 5. Simply provided a really professional project.

I certainly look forward to working with them in the future”

Moss & Associates - Brett Atkinson, Vice President

“HJ Foundation (HJ) has performed several projects as a subcontractor to Moss & Associates over the last seven years. Other projects successfully performed by HJ for Moss & Associates include the following: SOHO Beach House, Ivy Riverfront, Tao, Condominiums, Villa Alhambra, Valencia Grande, Himmarshee Landing.”

Vertical-V, Inc. – Alfredo Budik P.E., Vice President

“HJ Foundation produces high quality work, not only because they are the leaders in augercast pile foundation with cutting edge equipment and techniques, but also because the office support team is very professional, well prepared, experienced and a pleasure to work with. I highly recommend them.”

Turner Construction – Jay Fraser, General Manager

“Projects successfully performed by HJ for Turner Construction include the following: 1060 Brickell Condominium, South Miami Hospital, Metropolis Phase 4, Gainesville Griffin Stadium, Park Place at Brickell, MIC GMP4, Carillon Phase 1, Duval County Courthouse”

Paramount Bay – Andrew Miller, Project Manager

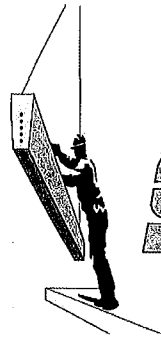
“I have the pleasure of writing you to acknowledge the efforts of your Paramount Bay project management team.... proven on numerous occasions to be both a competent manager of the work and a very useful resource to us in the design and implementation of the building’s foundations. In general I’ve found him to be responsive to the needs of the project and willing to work as part of the group to resolve the challenges that all projects face..... I look forward to teaming up again with them in my next project”

MAPP Construction – John T. Mitch, Project Manager

“MAPP construction thanks for a job well done and enjoyed working with your team on the Jefferson Parish Forensic Crime Laboratory project. HJ Foundation proved itself a very valuable asset in allowing us to get out of the ground quickly and gain time on that scheduled activity. Your supervision and equipment was outstanding and your approach to our business was very professional. Thank you again for giving us an early shot at success on this project....”

Met 2 – Ian Swanson, Director of Construction

“..... thank you for all the effort you have put into the Met 2 project and the positive attitude you have shown.....The work for the permanent sheet piles and excavation was managed very efficiently and executed ahead of schedule. When we changed our direction, you assisted our structural engineers to make that change process as efficient as possible and we are now installing the 36 inch ACIP piles on schedule. Thank you for your efforts and positive attitude, which will go towards ensuring that we achieve success on the Met 2 project.”



PROPOSAL / CONTRACT

JOB: FORT LAUDERDALE AQUATIC COMPLEX
ATTN.: RECREATIONAL DESIGN & CONSTRUCTION (WILLY VOGT)
FROM: EMILIO VEGA, PRESIDENT
ARCH.: RECREATIONAL DESIGN AND CONSTRUCTION
DATE: October 16, 2014

Structural Prestressed Industries, Inc. (S.P.I.) proposes to furnish to your firm the following labor, materials and/or equipment for the architectural and structural drawings dated 12/23/13 subject to S.P.I.'s standard general notes, terms, conditions, materials, specifications, connections and tolerances as set forth hereunder.

SCOPE:

S.P.I. will furnish and erect the structural prestressed concrete joist (P.C.J.) spaced as shown in a total approximated area of 216,000 SF (2nd. Floor, 3rd. Floor, 4th. Floor & 5th. Floor). Where P.C.J. frame into a poured in place beam, S.P.I. will install the vertical closure unit forms at the end of the joists equal to the depth of the joists. We will form between the joist for the composite slab and strip our form work. S.P.I. will also furnish and install the prestressed soffit beams as depicted on the beam schedule. We will form both beam sides and shore as required. Delivery date of P.C.J. shall be agreed upon the execution of this proposal. Proper time shall be mutually agreed by both parties, the General Contractor / Owner Builder and S.P.I. in order to avoid delays.

INCLUSIONS AND EXCLUSIONS:

Shoring and reshoring of our system is included. Shoring and reshoring of CIP slabs, hollowcore slabs, precast slabs, etc, is by others. Equipment and operator for all hoisting of precast members shown above shall be provided by S.P.I. This quote is subject to a site inspection. A compacted, accessible and unobstructed access for the crane to mobilize and set precast is required. Unusual subsurface and overhead conditions (e.g. sugar sand, muck, high water levels, trees, adjacent power lines, etc...) shall NOT be permitted. Truck and trailer access shall be adjacent to the building in a manner that the precast can be hoisted directly from the truck to its final destination. If required by any Governmental Authority the General Contractor / Owner Builder shall be required to provide all traffic control, police control, barricades and special permits (i.e. airport, bridge weight restrictions, etc...). Price includes (1) erection phase per floor. Up to a 90 Ton Crane is included as long as there's wide open access for installation including inside access for crane, otherwise it must be excluded from this proposal. All beams marked as "SB" are included in this proposal as precast concrete soffit beams. Final design of precast soffit beams is contingent on final soffit beam schedule to be released by EOR in updated progress set of drawings post-bid date. S.P.I. recommends increasing the depth of the beams and soffit beams to avoid bottom notches on the precast joist. Current bid includes bottom notches for all joists as required. Quote does not include cazaly hangers if required.

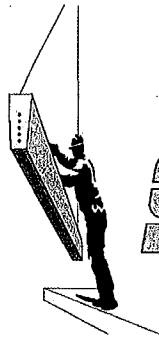
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S.P.I. shall supply, for approval the necessary shop drawings and calculations signed and sealed by a licensed State of Florida, Professional Engineer. If required it is the General Contractor's / Owner Builder's responsibility to provide and pay for any and all fees including but not limited to permit fees and shop drawing processing fees required by all city, county and or state authorities. Engineering Drawings (Shop Drawings) is a costly line item for products produced in the Precast / Prestressed Industry. In the event that this contract is cancelled by the General Contractor / Owner Builder upon a written request after it is executed there will be a charge in the amount of **\$95,000.00** to cover expenses and costs attributable to engineering design. This engineering cost is included in our Proposed Contract Amount depicted below it is not an add to our contract amount if and only if the project is built by S.P.I.

S.P.I. will not manufacture any Precast / Prestressed units until approved shop drawings are received in our offices. Upon approval of the shop drawings we will manufacture the products according to the dimensions shown in our drawings. It is the General Contractor (G.C.) / Owner Builder (O.B.) responsibility to verify all dimensions (i.e. contract documents, field dimension, etc...) prior to shop drawing approval. Products that are manufactured incorrectly due to errors beyond S.P.I.'s control will be charged to the G.C. / O.B. accordingly.

General Contractor / Owner Builder shall review and acknowledge all of S.P.I.'s General Notes listed in our shop drawings. Placement of steel reinforcement inside any beam prior to joist setting shall constitute a change order for additional labor and crane time. Omit the placement of all the steel reinforcement until the joist are set in place. Contact S.P.I.'s Engineering Department with any questions or concerns regarding rebar placing.

S.P.I. does not include any rubbing, grinding, grouting, patching or otherwise finishing or preparing for a finish to the underside of slabs. Standard B-B Plyform form work shall be used.

Insurance: S.P.I. carries General Liability, Workers Compensation and Auto Insurance Policies. The following policies and/or special requests are **not included** in our current insurance coverage. **Policy:** Professional Liability (**negotiable with added cost**). **Special Request wording on Certificate of Insurance (negotiable with added cost):** Alternate Employer Endorsement, Primary / Non Contributory and Waiver of Subrogation. **Note:** Our insurance carrier will not amend, change, alter or delete any wording under the Cancellation Box in our insurance certificate.

PROPOSED AMOUNT \$2,550,000.00 +2.5% P&P
(Alternate Deduct # 1: \$110,000.00 for crane) vq

NOTE: FINAL PROPOSALS SHALL BE SUBMITTED UPON RECEIPT OF 100% CONSTRUCTION DOCUMENTS.

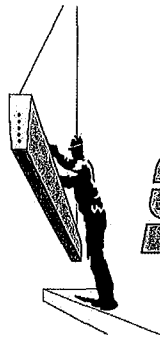
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SPI **STRUCTURAL PRESTRESSED INDUSTRIES, INC.**

EXCLUSIONS:

1. All vertical form work except for the vertical closure unit the depth of the joist and/or soffit beam sides.
2. Forming of all non-composite or flat slabs.
3. Forming of beams where prestressed soffits are not used.
4. Layout or forming of any openings, curbs or secondary pours.
5. Edge forms, blockouts, bulkheads, depression forms or hung beamside form work.
6. Furnish or place any sleeves or blockouts in the precast members.
7. Rubbing, patching or grinding of any exposed or non-exposed concrete.
8. Patching of pin holes in joists/soffit beams.
9. Any coating, galvanizing, painting, etc, of steel connections or steel hardware required for fabrication.
10. Installation or removal of any safety rails and / or closures of any floor openings.
11. Furnish or place any on-site steel, concrete or any steel hardware not embedded into precast members including plates, angles, z-bars, anchor bars, loose steel plates or rebar, tilt up/precast panel connection plates/embeds, etc.
12. Furnish or place any anchors, bolts, screeds, teflon or neoprene pads, bondbreakers or expansion joint materials.
13. Forming of stairs, landings and stairwells.
14. Wet beam forming on the inside face of the wet beam when joist run parallel to the beam.
15. BIM Modeling.
16. Performance and Payment Bond.
17. **ANY AND ALL PREVAILING OR RESPONSIBLE WAGES INCLUDING LOCAL, STATE AND FEDERAL.**

QUALIFICATIONS:

1. Precast members shall be fabricated to standard Structural Prestressed Industries, Inc. specification and tolerances. Precast shall have a fire rating of one hour. If additional hours are required it can be attained by the use of fire sprinklers.
2. Forming material by S.P.I. shall be structural and not necessarily suitable for exposed surfaces. Used forming materials may be used.
3. All work performed under this contract is to be performed Monday thru Friday, 7:00 a.m. to 3:30 p.m. Any other days or time will be considered overtime and charged additionally to the G.C./Owner Builder.
4. S.P.I. shall be compensated for additional costs incurred as a result of any changes made to the approved shop drawings.
5. The General Contractor / Owner Builder shall provide the following:
 - a. Permits, traffic control, barricades, or the temporary closing of streets necessary for the performance of S.P.I.'s work.
 - b. Roadways or approaches permitting clear access and non-weight restrictions for S.P.I. trucks and / or cranes.
 - c. A level surface within six inches of finished ground floor slab elevation, when precast is installed over fill.
 - d. **Any and all electrical power, lighting, ventilation and water pressure required to accomplish S.P.I.'s scope of work.**
 - e. A compacted surface able to withstand precast shoring loads.
 - f. All benchmark and control point locations as required by S.P.I.'s field personnel.
6. Amount of contract is based on availability of materials such as concrete, lumber, reinforcement, etc...
7. **Price is valid for 30 Days.**

INITIALS

"PCI Certified Manufacturers and Qualified Erectors"

11405 N.W. 112th Court • Miami, FL. 33178 • Phone: (305) 556-6699 • Fax: (305) 556-9696

www.spimiami.com



Willy Vogt

From: Guillermo <gnavarro@spimiami.com>
Sent: Thursday, October 16, 2014 3:50 PM
To: Willy Vogt
Subject: RE: Redevelopment of the Ft. Lauderdale Aquatic Center

2.5% of total contract amount

P.S. just in case....just got back to my desk again...lol.



Guillermo Navarro
Civil Engineer/Chief Estimator
gnavarro@spimiami.com
Structural Prestressed Industries, Inc.
11405 NW 112th CT Medley, FL 33178
P. (305) 556-6699 x 203 F. (305) 556-9696
www.spimiami.com

PCI Certified Manufacturers and Erectors of Precast/Prestressed Concrete Joist, Double Tees and Hollowcore.

From: Willy Vogt [<mailto:WVogt@recreationaldesign.com>]
Sent: Thursday, October 16, 2014 2:37 PM
To: Guillermo
Subject: RE: Redevelopment of the Ft. Lauderdale Aquatic Center

Guillermo: **What would be the rate of your P&P Bond?**
Regards,

From: Guillermo [<mailto:gnavarro@spimiami.com>]
Sent: Thursday, October 16, 2014 2:32 PM
To: Willy Vogt
Subject: RE: Redevelopment of the Ft. Lauderdale Aquatic Center
Importance: High

Willy,

Here's the revised quote for FLAC. Let me know if you have any questions.

Regards!!



TILT-UP PLUS

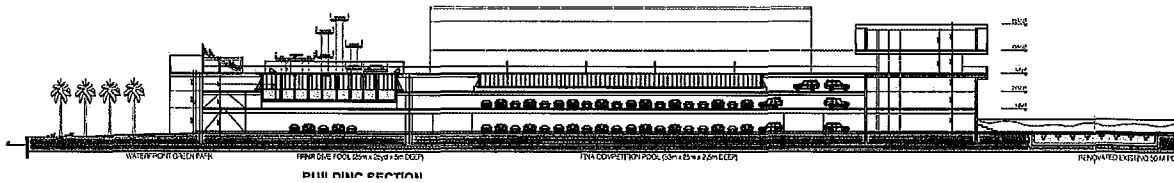
THE CONCRETE PROFESSIONALS

12599 NW 107th Avenue
 Medley, Florida 33178
 Phone 305.885.4546
tim@tiltupplus.com

Willy Vogt
Recreational Design & Construction
 3990 N. Powerline Rd.
 Fort Lauderdale, FL 33309

October 16, 2014

Project: Fort Lauderdale Aquatic Center



Address: 501 Seabreeze Blvd.

Designer: RDC

Dear Mr. Vogt,

We are pleased to submit this Concrete-Shell Turnkey proposal for the above referenced project as per preliminary plans and takeoffs by RDC.

This correspondence outlines the complete scope of work.

Quantities:

Ground Floor266,570 approx. SQ.FT

Elevated Floors236,700 approx. SQ.FT

Duration: 8 Months

Inclusions:

- 1) All labor, supervision, materials, services, supplies, tools, facilities, transportation, storage, receiving, taxes, overhead, profit and insurance for this scope of work.
- 2) Fulltime supervision
- 3) Layout from controls and benchmarks provided by others.
- 4) Furnish and install Reinforcing steel
- 5) Furnish & Install all concrete for this scope of work
- 6) Foundations forming- Labor & Material
- 7) All equipment and excavation as required to complete work
- 8) S.O.G- Labor & Material
- 9) Machine grading and hand grading- Labor & Equipment
- 10) Compaction of fill- Labor & Equipment
- 11) Provide Control joints (Isolation / saw cut).
- 12) Maintain project construction schedule.
 - a) Detailed schedule will be provided to reflect a 8 month schedule once contract is executed.
- 13) Daily cleanup. All debris will be placed into dumpster provided by other.
- 14) Safety as per OSHA.
- 15) Comply with all jobsite safety programs
- 16) Temporary safety railings at balconies, parapets, and stair openings as required
- 17) Supply drinking water and ice to our workforce only.
- 18) Furnish and install all Vertical Formwork- C.I.P Walls, Columns, & Piers
- 19) Furnish and install all Horizontal Formwork- Slabs, Stairs, Beams, header beams, caps, curbs, Elevated slabs, slab edges, depressions, and block recess. With the exception of precast joists, soffit beams, and corresponding formwork provided by the precast joist supplier.
- 20) Furnish & Install concrete accessories as required
- 21) Pump, Place and finish all Horizontal C.I.P concrete (slabs, beams, stairs; etc.)
- 22) Place Vertical Concrete
- 23) Hoisting for our work
- 24) Shoring Drawings signed & sealed by Florida P.E, Shoring inspections signed & sealed, includes inspection reports by same Florida P.E.

25) All CMU, lintels and complete masonry package as required.

Exclusions:

1. Waterproofing
2. Site Grubbing
3. Dumpsters
4. Permit fees of any kind
5. Dewatering
 - a. Will provide small pumps for rain water only
6. Import & Export of fill if required
7. Power
8. Sanitary facilities
9. Surveyor work by others
10. Special Inspectors and Density Test.

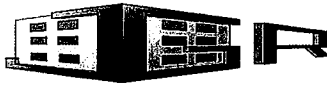
The cost for the scope of work listed above is five million seven hundred eighteen thousand and xx/100 dollars (\$5,718,000.00). Pricing good for 90 days from October 16, 2014.

ADD ALTERNATE: 4" topping slab level 4 with WWF. \$222,000.00

Timothy Streeter

Mobile: 786.208.8458

Email: tim@tiltupplus.com



JGR CONSTRUCTION INC.
SHELL AND GENERAL CONTRACTOR.

4704 SW 74th Ave.
Miami, FL 33155
Ph.: 305-262-7306
Fax: 305-262-7335

cell: 786-371-5693
javier@jgrconstruction.com
www.jgrconstruction.com
CGC1516990

Shell Package Budget Proposal

To: Mr. Willy Vogt,
Recreational Design and Construction, Inc.
3990 North Powerline Road, Fort Lauderdale, FL 33309
Tel: (305) 270-3731; Fax: (305) 270-8885.

Date: 10/20/2014

Project: Aquatic Center.
501 Seabreeze Blvd.
Fort Lauderdale, Florida 33316.

JGR Construction Inc. ("**JGR**") proposes to furnish labor, materials and equipment to complete the Work corresponding with CSI Division 03 (Cast-in-place only) and Division 04 (Masonry only) according to plans reflected on Exhibit "C" (attached). We propose to perform the work on a period of 26 to 30 weeks.

Our Price is schedule as follow:

I.	Cast in Place and Masonry work	\$	5,900,000.00
-----------	---------------------------------------	-----------	---------------------

Our scope of work is limited to sixth story building structure as per plans. We are including concrete and masonry work only as per plans S-100 thru S-301. **The price could change when provide us new drawings with missing information.**

Summary of Shell Scope of Work sent by Willy Vogt (10-15-2014):

- **Foundation (Concrete= 1,400 CY; Rebar= 609,000 # & Contact Area= 29,500 SF)**
 - Pile Caps (101 Each): Concrete= 600 CY; Rebar= 480,000 # & Contact Area = 8,000 SF
 - Grade Beams (4,300 LF): Concrete= 800 CY; Rebar= 129,000 # & Contact Area= 21,500 SF
- **Cast-in-Place Structural Columns & Walls (Concrete= 800cy; Rebar= 118,000 # & Contact Area= 47,000 SF)**
 - Cast-in-Place Structural Columns (4,600 LF): Concrete= 550 CY; Rebar= 88,000 # & Contact Area= 32,600 SF
 - 12" & 8" Thick CIP Walls (7,200 SF): Concrete 250 CY; Rebar= 30,000 # & Contact Area= 14,400 SF
- **Slab on Grade (94,920 SF; Scope of Work to include Termite Treatment & 10mil Vapor-Barrier):**
 - 8" Thick reinforced with # 5 @ 12" each-way, top & bottom= 83,250 SF
 - 6" Thick reinforced with # 5 @ 12" each-way= 11,670 SF
- **Structural Decks (266,570 SF; Quantification of Soffit & Cast-in-Place Beams to follow):**
 - 18" Structural Deck reinforced with # 5 @ 10" each-way, top & bottom (scope to include associated beam work)= 22,540 SF
 - 12" Structural Deck reinforced with # 5 @ 12" each-way, top & bottom (scope to include associated beam work)= 1,770 SF
 - 8" Structural Deck reinforced with # 5 @ 12" each-way, top & bottom (scope to included associated beam work)= 3,480 SF

- 4-1/2" Structural Topping over PCJ System, reinforced with welded-wire-mesh 6x5-10x10 (scope to include infill of associated soffit beams; pre-stressed/ pre-cast joists & soffit beams and associated formwork by others)= 236,700 SF
- 4-1/2" Structural Topping over High-Density-Foam, reinforced with welded-wire-mesh 6x6-10x10 (scope to include infill of associated soffit/ beam work & 46" High-Density-Foam system)= 2,080 SF
- **Cast-in-Place Stairs (7 Locations; Scope to include associated Tie Columns & Tie Beams):**
 - Front Access Stairs at Spectator Buildings= 2 Each (from Ground Level @ 0'-0" to Fourth Level @ + 35'-9")
 - Rear Access Stair at Spectator Building= 1 Each (from Fourth Level @ + 35'-9" to Fifth Level @ + 49'-10")
 - Rear Access Stairs at Parking Building= 2 Each (from Ground Level @ 0'-0" to Fourth Level @ + 35'-9")
 - Access Stair at Instructional Pool= 1 Each (from Fourth Level @ + 35'-9" to Deck @ + 40'-0")
 - Access Stairs at Dive Tower Structure= 1 Each (from Fourth Level @ + 35'-9" to First Diving Level @ + 45'-7")
- **8" & 12" Reinforced CMU (63,400 SF; Scope of Work to include associated Tie Columns & Tie Beams):**
 - 12" Reinforced CMU with # 5 @ 32" on-center= 1,200 SF
 - 8" Reinforced CMU with # 5 @ 32" on-center= 61,200 SF

General exclusions:

1. Exterior work not shows on structural drawings.
2. Metal columns, angles, plates, bolts, etc. (Materials)
3. Removal excavated material off site.
4. Sheet piling.
5. Dewatering of any kind.
6. Any insulating nonstructural concrete topping.

The Scope is described as follow:

I. Division #3; Cast-in-Place Concrete.

1. All Lay-out necessary to complete work relate with CSI Division #03 (C.I.P.) cast in place only, GC will provide building corners offsets, control points, benchmark and elevations control lines.
2. Placing Rebar shop drawings (if applicable).
3. Submittal packages with specifications of all products to be used during construction.
4. All required excavation to bottom of footings, leveling and compaction of foundation base.
5. Formwork, rebar installation, pouring, stripping and required backfilling for all foundation work indicated on structural drawings (including pile caps).
6. Backfill excavation material, only the one resulting from the footing excavation (as per note above)
7. Fine grading (+/- 1") for slab on grade after General Contractor have complete building pad or bottom of slab on grade (SOG) elevation. Also, if excess of material needs to be removed in order to achieve the correct elevation of SOG the same is not included as part of our scope.
8. Forming, rebar installation, pouring and stripping slab on grade, also including ticking edges, soil treatment and vapor barrier, as indicated on drawings (trench material by other if apply)
9. We are not including any Mechanical equipment pad.
10. Slab on grade included is only as per S-102 and S-103, no other exterior slab have been included.
11. Dry or wet cutting SOG according with Structural drawings within 24 of pouring (if required).
12. No other exterior slab, curb, sidewalks, etc are included in our Budget Proposal, except as indicate on structural plans, Coordination with GC.
13. Form, rebar installation and pour columns and tie columns as per drawings. All levels as per structural plans.
14. Install starting dowels for columns, shear walls and masonry walls.
15. Form concrete columns and shear walls, rebar installation, and pour concrete as required.
16. Form, rebar installation and pour all beams, soffit beams, and tie beams as per drawings.
17. Install all embedded plates on concrete beams and columns (materials provided by others).
18. Form elevated slabs, reinforcing installation, concrete placement and finish.

(cont...)

19. Shoring and re-shoring shop drawing signed and sealed by State of Florida Licensed Engineer.
20. Stripping forms after design strength have been reaching. Re-shoring material installation.
21. Concrete pumping to complete scope.
22. Lifting equipment to complete our scope only.
23. Provide all bracing, supports, banding, anchors, wedges, clips, scaffolding, ladders and all miscellaneous materials required for proper execution of the Work.
24. Supply and maintain temporary ladders to working decks and other areas.
25. Supply and maintain safety rails & toe board to working decks or as necessary.
26. Supply and install all expansion joint materials at locations indicated on Bid Documents. Not sealing or waterproofing material is included.
27. Supply and apply form release agents or curing compound for the concrete slab surface in accordance with drawings.
28. Any required expansion joints indicated on Bid Documents.
29. Form all mechanical block-outs indicated on structural drawings (only if more than 12" x 12", lay-out by others).
30. Strip all block-outs and make safe all slab penetrations.
31. Removal of all straps, snap ties nails, scrape all fins, cones and patch with approved materials.
32. All hoisting necessary to complete this scope.
33. Safety program based in OSHA Regulation for concrete work.
34. Punch out and cleaning on daily basis to ensure safety and housekeeping.

II. Division #4; Masonry, Reinforcing and Miscellaneous Concrete.

1. All necessary lay-out for masonry work.
2. Supply and install all concrete masonry units, all block to be 8" as per plans. Standard installation, all masonry accessories indicated on Bid documents.
3. Masonry work from ground to roof as required per plans.
4. Receive, distribute, and install fill-cell reinforcement.
5. Provide concrete filled cells w/vertical reinforcement inspections.
6. Supply and install all dovetail Anchors. Use corrugated dovetail anchors at concrete columns on exterior walls.
7. Fill block cavities with mortar where anchors occur.
8. Concrete caps on top of masonry walls as per plans.
9. Provide and install window sills and lintels as per drawings.
10. Form, rebar installation and pour door lintels as per drawings (if required).
11. Concrete Masonry Units: ASTM - C90, Type II, Grade N (F'm by structural notes).
12. Filled cells grout shall have a minimum strength by structural notes. Grout conforms to ASTM C-476.
13. Masonry wall horizontal reinforcing by schedule (Structural Drawings)
14. Mortar conforms to Bid documents.
15. Safety program based in OSHA Regulation for masonry work.
16. Hoisting for this scope of work.

JGR establishes the following as responsibilities of the General Contractor:

1. Area for our trailer and material storage (form, rebar, etc).
2. Sanitary facilities by OSHA regulations.
3. Water and power within 100 feet of any working area.
4. Accessibility to any part of the building for trucks and crane mobility (crane price is not include in our budged).
5. Dumpster for job cleanup.
6. Approved by Owner or GC schedule of value of our scope of work prior to mobilization.
7. Approved by Owner or GC construction schedule with duration for our scope of work and any other activity related with the duration of our scope shall be predetermine before mobilization.
8. Approved shop drawings and submittals returned to us within 10 working days after submission or receipt by GC.

JGR exclude the following items from the scope of work:

1. General Exclusion described on top.

(cont...)

2. Permits and permits fees.
3. Waterproofing material and application.
4. Any demolition.
5. Dewatering work.
6. Importing and exporting material to reach finish floor elevation or bottom of slab on grade (building pad).
7. Excavation Material hauls off site.
8. Compaction of other material other than excavated by us.
9. Building pad preparation and compaction (by General Contractor).
10. Over excavation, removal of contaminated material (if any), fill void holes on the ground or hand excavation of sand holes, etc.
11. Light weight concrete (insulated or not-insulated).
12. Metal mullions, beams, etc, for window and doors.
13. Metal railings, hand rails, glass railing, glazing, etc.
14. Metal columns, beams, angles, etc.
15. Any roofing insulation or any other product or material on top of roof slab.
16. Framing interior and exterior walls.
17. Any lifting equipment other than the one required for our scope.
18. Any concrete or masonry work outside of the building structure not shows on structural drawings (site concrete, slabs on grade, stair, planters, dumpsters, sidewalks, curbs, driveways, etc), except the work described above.
19. Material and installation of hollow metal frames and doors, overhead door, louvers, etc.
20. Interior or exterior smooth stucco, skin coat or other at any area.
21. All testing (compaction, concrete, etc) and reports.

Schedule of Payment:

1. Progressive payment base on Schedule of Value (G703).
2. Payment Application (G702) with Schedule of Values (G703) will be presented once a month and will be projected to the end of the month or as agree with Contractor, Builder and/or Owner.
3. Amount requested in Payment App. will be based on percentage completed of work (even when the work is not 100% complete and is time to present the request for payment the same will consist on the percentage of the work completed thru that date or projected thru the date as agree).
4. Payments shall be received two to three weeks after application is submitted the latest. If Payment App is projected thru the 30th of each month payment should be received between the 10th and the 15th of the following month.
5. No retainage withhold.
6. Last payment no later than two weeks after work is completed or as agree.

This Proposal shall become part of contract documents.
Price effective through November 30th, 2014.

Respectfully Submitted:

JGR Construction, Inc.

Acceptance,

Javier Gonzalez
JGR Construction, Inc.
Date: _____

Willy Vogt
Recreational Design and Construction, Inc.
Date: _____



Falcon Fire Protection, Inc.

8690 NW 58th Street, Miami, Florida 33166

POST OFFICE BOX 521073

Tel: (305) 592-6178 Fax: (305) 592-6140

DATE: March 20, 2015
TO: Recreational Design & Construction, Inc.
REFERENCE: Ft. Lauderdale Aquatic Center
Ft. Lauderdale, FL
Fire Sprinkler System

BUDGET PRICES (Good until April 30, 2015)

3 Story Parking Garage (±228,000 SF)	\$317,000.00
5 Story Spectator Building (± 54,000 SF)	\$162,000.00 (*)
ADD for Spectator Bldg. Fire Pump	\$ 60,000.00

(*) The 5 Story Spectator Building sprinkler system should work without a fire pump if it is less than 45'-0 to the roof.

SCOPE

1. Design Build Value Engineered Fire Sprinkler per Falcon Fire Protection, Inc. design criteria and specifications in accordance with Chapter 9 of the Florida Building Code, the local applicable fire codes from the Local Authority Having Jurisdiction and NFPA Standards
2. The work will start at and include the Backflow Preventer, approximately 40'-0 from the building at a 6" FLANGE LEFT BY OTHERS 2'-0 ABOVEGROUND.
3. We'll prepare the signed and sealed shop drawings and hydraulic calculations for permit review, coordination, fabrication and installation of the system as well as the As-Built record drawings
4. The Work will be coordinated with the other trades and with all the building components
5. We propose to use semi-recessed Extended Coverage heads and light wall threaded steel pipe up to 2" in diameter and light wall grooved pipe for larger pipe diameters.
6. The selection, sizes and location of all system components shall be per Falcon's design criteria

EXCLUSIONS

Site and underground work such as the wet tap to the main, the water supply for the fire sprinkler system up to the Backflow Preventer; System monitoring and/or alarm supervision; Electrical and alarm work and related wiring; Cutting, coring, patching, restoration, painting or preparation; Overtime or after-hours work; Bond and bond premiums.

If you have any questions, please give me a call.

Sincerely,

Luis Carreras
General Manager

Sunshine State Air Conditioning Inc.

4960 NW 165 St Suite B-11
Miami, FL. 33014
Tel 305-474-8484
Fax 305-474-7370

Proposal No. 10590
Date: October 15, 2014

REVISED PROPOSAL

Proposal Submitted To:
Recreational Design and Construction
Attention ; David Gomez
3990 N. Power Line Road
Fort Lauderdale , Fl.
Phone: 954-566-3885
Email:Daomez@RecreationalDesign.com

Work To Be Performed At:
Fort Lauderdale Aquatic Center
Fort Lauderdale , Fl.

We hereby propose to furnish the materials and perform the labor necessary for the completion of: A/C system no plans , no specifications.

1. Furnish and install (4) roof top straight cool air conditioning units as follows:
2. (2) 10 tons
3. (1) 11 tons
4. (1) 27 Tons
5. Furnish and install Three split a/c units as follows:
6. (1) 2 tons
7. (1) 4 tons
8. (1) 5 tons
9. Run copper refrigerant lines ,insulated with 3/4 " armoflex for (3) split systems.
10. Provide and install (7) programmable thermostats, stand alone.
11. Furnish and install galvanized sheet metal ductwork.
12. Duct wrap ductwork with 1 1/2" R6 insulation.
13. Provide and Install (80) approximate 24" x24 " lay in Titus Grilles with white finish with opposed blade dampers.
14. Furnish and install (80)manual volume dampers.
15. Provide and install (4) exhaust fan with accessories as per schedule.
16. Furnish (5) Smoke detectors install by us , wired and provided by others.
17. Furnish and install one 9ft aluminum stand for condensing units.
18. Pull city permit
19. Provide Test and Balance report by an independent certified contractor for all the air side and control systems of the mechanical equipment.
20. Start up equipment and check proper operation.
21. The compressor and parts will be guaranteed for a period of five years and one year for labor, starting from the day of installation.

Proposal# 10590
Page 1 of 2

EXCLUSIONS

- 1. All electrical to be done by others.
- 2. Cutting and patching of all penetrations.
- 3. Fire alarm interlock.
- 4. Condensate drain lines by others.
- 5. Hood and ansul system.
- 6. After hours and weekend work.
- 7. Structural frame under top units.
- 8. Controls and Ems system.

Note : Price based on 12 ft ceilings .

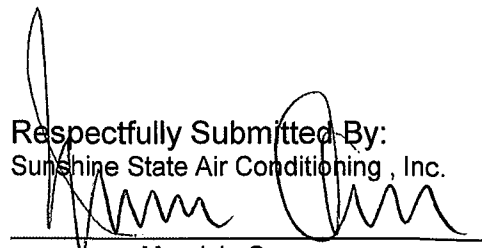
All material is guaranteed to be as specified, and the above work to be performed in accordance with the drawings and specifications submitted for above work and completed in a substantial workmanlike manner, with payments to be made as follows:

PAYMENTS

Total job is **\$ 244,000.00**

Any alteration or deviation from above specifications involving extra costs will be executed only upon written order, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our controls.

Respectfully Submitted By:
Sunshine State Air Conditioning , Inc.



Mauricio Correa

Note - This proposal may be withdrawn by us if not accepted within 30 days.

=====

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Signature _____ Date _____

Proposal # 10590

E & M Plumbing, Inc.

DATE: OCTOBER 14, 2014

3595 NW 49 STREET, MIAMI, FL 33142
Phone 305.634.2733 Fax 305.634.6784
Emilio@EandMPlumbingInc.com

TO RDC
3990 North Powerline Road
Fort Lauderdale, FL 33309

Job Name **BUDGET PRICE BASED ON
PLUMBING DRAWINGS
DATED 1/15/14**
Ft. Lauderdale Aquatic Center
501 Seabreeze Blvd.
Ft. Lauderdale, FL 33316

SCOPE OF WORK

Sanitary waste and vents in **PVC (engineer must approve use of PVC inside of building)** to outside as per P-212 / Domestic in Copper inside, and PVC outside as per P-211 /

Provide the following fixtures - **NO SPECS:**

- | | | |
|--|-----------------------------|---------------------------------|
| 9 - ADA shower valve | 22 - Shower valves | 37 - Countertop lav with faucet |
| 8 - Hi Low drinking fountain | 2 - Elevator pumps | 13 - Floor drain |
| 4 - Gas water heaters | 3 - Mop sink with faucet | 22 - Urinal with flush valve |
| 85 - Wall hung toilet with flush valve | 3 - Floor mount ADA toilet | 25 - Wall hung lav with faucet |
| 1 - Booster pump | 3 - Single sink with faucet | 3 - Double sink with faucet |

Price based on Development Review Committee Submittal (No isometrics). No Spec Book

Price may change once complete drawings are available

NIC: demolition or permit for it / meter or fees (by others) / grab bars / shower rods, curtains, shower stalls, or other bathroom accessories / **prevailing wages** / work outside of property line / replace driveways, sidewalks, walkways, pavers, asphalt, concrete, sod, trees, shrubs / building floor demolition / fire caulk / backfill tamping / lawn sprinklers / downspouts or downspout transition fittings / ac condensate or condensate pumps / plumbing permits / access panels / gas piping /

TOTAL FOR ABOVE: \$ 417,300.00

Budget price with no plans:

Site sewer in PVC - 90', Site water PVC Sch 40 - 280', 6
Roof drains at roof to 5' outside of building only (there are no catch basins near this building shown), 3 - Drains at each floor of parking garage X 3 floors to catch basin, Gas line to water heaters only:

ADD TO TOTAL: \$ 85,800.00

GRAND TOTAL: \$ 503,100.00

Payment schedule: to be set

Proposal prepared by: Emilio Cabrera

To accept this proposal, sign & print name here and return: _____

THANK YOU FOR YOUR BUSINESS!