

**AMENDMENT No. 6
TO THE PROFESSIONAL SERVICES AGREEMENT
BETWEEN
THE CITY OF MIAMI BEACH, FLORIDA
AND
SAVINO MILLER DESIGN STUDIO, P.A.,
DATED MAY 19, 2016,**

**FOR ADDITIONAL ARCHITECTURAL AND ENGINEERING DESIGN SERVICES FOR THE
FUTURE COMMUNITY PARK (FORMER PAR 3) PROJECT,
IN AN AMOUNT NOT-TO-EXCEED OF \$554,993.30;**

This Amendment No. to the Agreement, made and entered this ____ day of _____ 2023, by and between the CITY OF MIAMI BEACH, a Municipal Corporation existing under the laws of the State of Florida (hereinafter referred to as City), having its principal offices at 1700 Convention Center Drive, Miami Beach, Florida 33139, and **SAVINO MILLER DESIGN STUDIO, P.A.**, a Florida Corporation, having its offices at 12345 NE 6 Avenue, Miami, Florida 33161 (hereinafter referred to as the Consultant).

RECITALS

WHEREAS, on December 9, 2015, the Mayor and City Commission adopted Resolution No. 2015-29234, authorizing the negotiation and execution of a Professional Services Agreement with the firm of Savino Miller Design Studio, P.A., (“Consultant”), to provide professional services for the planning, design, bid, award and construction administration of the Future Community Park (former Par 3) Project (the “Project”); and

WHEREAS, on May 19, 2016, a professional services agreement was executed in the amount of \$933,465.; and

WHEREAS, on January 26, 2018, the City approved Amendment No.1, in the amount of \$32,295, for design services, to incorporate the reduction and reconfiguration of the lake; removal of the parking lot from the west side of the property; increase the parking along Pinetree Drive; and reconfigure the walkway and jogging path; and

WHEREAS, on May 16, 2018 the Mayor and City Commission adopted Resolution No. 2018-30291 approving Amendment No. 2, in the amount of \$35,698, for additional Architectural and Engineering Design Services associated with the site changes due to Hurricane Irma debris removal operation; and

WHEREAS, on September 12, 2018 the Mayor and City Commission adopted Resolution No.2018-30492 approving Amendment No. 3, in the amount of \$126,781, for additional Architectural and Engineering Design Services associated with the resiliency and sustainability strategies; and

WHEREAS, on April 10, 2019 the Mayor and City Commission adopted Resolution No. 2019-30764 approving Amendment No. 4 in the amount of \$50,100, for extended coordination with Miami-Dade County Regulatory and Economic Resources (RER), installation of additional wells, groundwater sampling and preparation of groundwater flow modeling; and

WHEREAS, on June 24, 2020, the Mayor and City Commission adopted Resolution No. 2020-31291 approving Amendment No. 5 in the amount of \$122,040.65 for additional services associated with the resilient and sustainable elements and additional monitoring and reporting requirements by Miami-Dade County Department of Regulatory and Economic Resources (DRER) for the project; and

WHEREAS, on December 14, 2022, the Mayor and City Commission awarded the construction contract and construction is anticipated to commence in spring of 2023; and

WHEREAS, the consultant evaluated the post design services scope in their current contract and requested to amend their contract to account for the additional post design services that is needed during construction, the additional services are due to the extended construction duration from twelve (12) to twenty-two (22) months, increased complexity in the park scope of work, DRER contamination remediation monitoring and reporting requirements during construction and the special inspections required by the City of Miami Beach Building Department for the park's structural elements; and

WHEREAS, additionally the City of Miami Beach Police Department has requested incorporating the CCTV security system infrastructure into the park; and

WHEREAS, the scope of this additional work is to coordinate with the police department's consultant during the CCTV security system design, development of the infrastructure design drawings and obtain City of Miami Beach Building Department permit; and

WHEREAS, the consultant provided a fee proposal in the amount of \$554,993.30 for additional services needed during construction; and

WHEREAS, City staff has reviewed the proposal and has found it to be fair and reasonable; and

WHEREAS, Amendment No. 6 (Exhibit A) in the amount of \$554,993.30 will revise the total contract amount to a total of \$1,855,372.95.

NOW, THEREFORE, the parties hereto, and in consideration of the mutual promises, covenants, agreements, terms, and conditions herein contained, and other good and valuable consideration, the respect and adequacy are hereby acknowledged, do agree as follows:

1. **ABOVE RECITALS**

The above recitals are true and correct and are incorporated as a part of this Amendment No. 6.

2. **MODIFICATIONS**

a. The Agreement is amended to include and incorporate the additional Services, as set forth in Schedule "A", attached hereto.

b. In consideration for the performance of the additional Services, as set forth in Schedule "B", City shall pay the Consultant the total amount of \$554,993.30.

3. **OTHER PROVISIONS.**

All other provisions of the Agreement, as amended, are unchanged.

4. **RATIFICATION.**

The City and Consultant ratify the terms of the Agreement, as amended by this Amendment No. 6.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment No. 6 to be executed in their names by their duly authorized officials as of the date first set forth above.

ATTEST:

Dan Gelber, Mayor

Rafael E. Granado, City Clerk

ATTEST:

CONSULTANT:
SAVINO MILLER DESIGN STUDIO, P.A

Secretary

President

Print Name

Print Name

SCHEDULE "A"

SCOPE OF SERVICES

Schedule "A" entitled, "Scope of Services", is amended as follows:

Add the following under Task 4 – CONSTRUCTION ADMINISTRATION ADDITIONAL SERVICES

Task 4: CONSTRUCTION ADMINISTRATION ADDITIONAL SERVICES

4.0 Site Security Camera System Coordination and Permitting:

Additional fees for coordination with the Police Department consultant, CIP and the project MEP for site security camera design, electrical drawings and permitting.

4.1 Pre-construction Meeting:

No additional fees.

4.2 Pre-construction Kick-off Meeting with Residents:

No additional fees.

4.3 Bi-weekly Construction Meetings:

Additional fees for conducting biweekly meetings and follow up coordination, meeting minutes and site reports, due to extended construction schedule and increased project complexity.

4.3.1 General Construction Project Administration:

Additional tasks as Prime Consultant, including: coordination with City, Contractors and Subconsultants. Review of subconsultants site reports, submittals, etc. Meeting coordination and minutes. Review of entire payment application packages for completeness.

4.4 RFI's / CDC's:

Additional fees for RFI's / CDC's due to increased scope of work from original contract including, but not limited to:

- path and tennis lighting
- street light relocation
- monument signage
- docks & bridge
- elevated metal walkway
- concrete seat walls
- oolite steps
- custom metal railing & fencing
- increased playground size and complexity
- lake maintenance equipment & pump house
- solar panels on tennis building
- civil drainage complexity to conform with DERM requirements & future connection to neighborhood stormwater
- contamination remediation & coordination with DERM (soil capping, tree relocation & preservation, etc.)
- coordination with the water main / force main replacement project

4.5 Request for Changes to Construction Cost / or Schedules:

Additional fees due to increased project complexity and additional scope noted above in Task 4.4.

4.6 Processing of Shop Drawings:

Additional fees due to increased project complexity and additional scope noted above in Task 4.4.

4.7 Mandatory Specialty Site Visits:

Additional fees due to increased project complexity and additional scope noted above in Task 4.4.

4.8 Project Closeouts:

Additional fees due to increased project complexity and additional scope noted above in Task 4.4.

4.9 Warranty Administration / Post Project Services:

Task was included in original contract, but no fees were assigned in the original fee table.

4.10 Environmental Oversight

New scope of work for Gallagher Bassett Technical Services to provide bid evaluation services, environmental oversight of construction and coordinate with DERM for the City, as detailed in the proposal. Hours are included for Savino Miller Design Studio as prime consultant to oversee and coordinate with GBTS, the City of Miami Beach, DERM and the Contractor.

SCHEDULE "B"**Task 4: CONSTRUCTION ADMINISTRATION ADDITIONAL SERVICES (SAVINO MILLER PROPOSAL DATED 01/09/2023)**

• Savino Miller Design Studio (Prime - Landscape Architecture)	\$ 205,040.00
• William Lane Architecture	\$ 52,860.00
• Coastal Systems International (Civil Engineer)	\$ 20,205.00
• JALRW Engineering Group (MEP Engineer)	\$ 56,165.00
• Edgewater Exhibits (Lake Consultant)	\$ 13,200.00
• Aquadynamics Design Group (Aquatic Engineer)	\$ 5,000.00
• Douglas Wood Associates (Structural Engineer)	\$ 32,478.30
• Gallagher Bassett Tech Services, formerly EEG (Environmental Engineer)	<u>\$ 170,045.00</u>

TOTAL ADDITIONAL SERVICES \$ 554,993.30



July 25, 2022

REVISION 1 October 25, 2022

REVISION 2 November 18, 2022

REVISION 3 November 21, 2022

REVISION 4 December 8, 2022

REVISION 5 January 9, 2023

VIA ELECTRONIC MAIL: MinaSamadi@miamibeachfl.gov, DanielCevallos@miamibeachfl.gov

City of Miami Beach CIP Office
1701 Meridian Avenue, Suite 300
Miami Beach, Florida 33139

Attention: Mina Samadi, Senior Capital Projects Coordinator
Daniel Cevallos, Capital Projects Coordinator

Reference: ADDITIONAL SERVICES #9
BIDDING AND CONSTRUCTION ADMINISTRATION
City of Miami Beach Bayshore Park (Former PAR 3)
Project No. 2015-29234

- Request for additional Bidding and Construction Administration Services due to increased project complexity, scope and construction timeline.

The summaries attached include additional time and cost for the Construction Administration of the Bayshore Park project. Since the original contract was written, the complexity and scope of the project has grown, contamination remediation was added and the estimated timeline for construction extended from twelve (12) to twenty-two months (22) and sixty (60) days to final completion. The proposals from the Design Team reflect these changes along with anything additional that specifically applies to their scope of work.

In addition, fees were not included in the original contract for the Environmental Consultant for the Bidding and Construction Administration phases, the Structural Engineer for Special Inspections required by the City of Miami Beach Building Department and for the Prime Consultant for the Warranty Administration/Post Project Services Task.

The full descriptions and deliverables of the tasks below can be found in the original contract. Items summarized here under each task are in addition to the original scope of work. Related fees can be found on each consultant's corresponding fee table.

Task 4: CONSTRUCTION ADMINISTRATION ADDITIONAL SERVICES**4.0 Site Security Camera System Coordination and Permitting:**

Additional fees for coordination with the Police Department consultant, CIP and the project MEP for site security camera design, electrical drawings and permitting.

4.1 Pre-construction Meeting:

No additional fees.

4.2 Pre-construction Kick-off Meeting with Residents:

No additional fees.

4.3 Bi-weekly Construction Meetings:

Additional fees for conducting biweekly meetings and follow up coordination, meeting minutes and site reports, due to extended construction schedule and increased project complexity.

4.3.1 General Construction Project Administration:

Additional tasks as Prime Consultant, including: coordination with City, Contractors and Subconsultants. Review of subconsultants site reports, submittals, etc. Meeting coordination and minutes. Review of entire payment application packages for completeness.

4.4 RFI's / CDC's:

Additional fees for RFI's / CDC's due to increased scope of work from original contract including, but not limited to:

- path and tennis lighting
- street light relocation
- monument signage
- docks & bridge
- elevated metal walkway
- concrete seat walls
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- custom metal railing & fencing
- increased playground size and complexity
- lake maintenance equipment & pump house
- solar panels on tennis building
- civil drainage complexity to conform with DERM requirements & future connection to neighborhood stormwater
- contamination remediation & coordination with DERM (soil capping, tree relocation & preservation, etc)
- coordination with the water main / force main replacement project

4.5 Request for Changes to Construction Cost / or Schedules:

Additional fees due to increased project complexity and additional scope noted above in Task 4.4.

4.6 Processing of Shop Drawings:

Additional fees due to increased project complexity and additional scope noted above in Task 4.4.

4.7 Mandatory Specialty Site Visits:

Additional fees due to increased project complexity and additional scope noted above in Task 4.4.

4.8 Project Closeouts:

Additional fees due to increased project complexity and additional scope noted above in Task 4.4.

4.9 Warranty Administration / Post Project Services:

Task was included in original contract, but no fees were assigned in the original fee table.

4.10 Environmental Oversight

New scope of work for Gallagher Bassett Technical Services to provide bid evaluation services, environmental oversight of construction and coordinate with DERM for the City, as detailed in the proposal. Hours are included for Savino Miller Design Studio as prime consultant to oversee and coordinate with GBTS, the City of Miami Beach, DERM and the Contractor.

The following summarizes time and costs associated with the additional Construction Administration Scope of Work as described above. See accompanying subconsultant narratives and fee schedules for more detail:

Task 4: CONSTRUCTION ADMINISTRATION ADDITIONAL SERVICES

- Savino Miller Design Studio (Prime - Landscape Architecture)	\$ 205,040.00
- William Lane Architecture	\$ 52,860.00
- Coastal Systems International (Civil Engineer)	\$ 20,205.00
- JALRW Engineering Group (MEP Engineer)	\$ 56,165.00
- Edgewater Exhibits (Lake Consultant)	\$ 13,200.00
- Aquadynamics Design Group (Aquatic Engineer)	\$ 5,000.00
- Douglas Wood Associates (Structural Engineer)	\$ 32,478.30
- Gallagher Bassett Tech Services, formerly EEG (Environmental Engineer)	\$ 170,045.00
TOTAL ADDITIONAL SERVICES	\$ 554,993.30

Sincerely,



Barry Miller, PLA, ASLA, Principal in Charge
Savino Miller Design Studio

Schedule "B"

SAVINO MILLER DESIGN STUDIO		Principal / Director	Master Planner (Principal)	Project Manager	Asst. Proj. Manager / Designer	Design Production / Rendering	CAD / Tech	LA Designer	LA CA	Asst. Proj. Manager / Designer	Surveyor/Field Tech.	Graphics / Media / GIS Tech.	CADD / Engineering Tech	Admin. Asst. / Tech. Asst. / Clerical	Equipment Rental	Reimbursable Expenses	Subcontract 1	Subcontract 2	TOTAL HOURS PER TASK	Subtotal	TOTALS	TASK % OF TOTAL FEES
TASK 4 - CONSTRUCTION ADMINISTRATION ADDITIONAL SERVICES																						
4.0	Security Camera System (Prime consultant permitting)	1		12															13	\$	1,980	
4.1	Pre-Construction Meeting (1 m)																		0	\$	-	
4.2	Pre Construction Kick-Off Meeting with Residents (1 m)																		0	\$	-	
4.3	Bi-Weekly Construction Meetings (22 meetings, including mtg prep, travel, site reports & coordination)	12	12	44					88					24					180	\$	22,680	
4.3.1	General Construction Project Administration (Prime Consultant)	16	16	160					200					24					416	\$	54,960	
4.4	RFIs / CDC's (including review of subconsultants responses)	16	12	50					64					16					158	\$	21,020	
4.5	Request for Changes to Construction Cost / or Schedules	8		40					8					8					64	\$	8,800	
4.6	Processing of Shop Drawings (including review of subconsultants responses)	16		120					40					16					192	\$	26,480	
4.7	Mandatory Specialty Site Visits (22 meetings)	16	16	40					40										112	\$	16,560	
4.8	Project Closeouts (1-3 meetings)	12		64					40										116	\$	16,560	
4.9	Warranty Administration / Post Project Services	8		64					64										136	\$	18,720	
4.10	Environmental Oversight	16		64					40										120	\$	17,280	
Staff	Rate (\$/hr.)	121	56	658	0	0	0	0	584	0	0	0	0	88					1507	\$	205,040	0.00%
		21,780	10,080	98,700	-	-	-	-	70,080	-	-	-	-	4,400								
Principal / Director	180	10.62%	4.92%	48.14%	0.00%	0.00%	0.00%	0.00%	34.18%	0.00%	0.00%	0.00%	0.00%	2.15%							100%	
Master Planner (Principal)	180																					
Project Manager	150																					
Asst. Proj. Manager / Designer	120																					
Design Production / Rendering	140																					
CAD / Tech	80																					
LA Designer	85																					
LA CA	120																					
Asst. Proj. Manager / Designer																						
Surveyor/Field Tech.																						
Graphics / Media / GIS Tech.																						
CADD / Engineering Tech																						
Admin. Asst. / Tech. Asst. / Clerical	50																					

July 25, 2022 (REVISED November 18, 2022)

VIA ELECTRONIC MAIL: MinaSamadi@miamibeachfl.gov, DanielCevallos@miamibeachfl.gov

City of Miami Beach CIP Office
1701 Meridian Avenue, Suite 300
Miami Beach, Florida 33139

Attention: Mina Samadi, Senior Capital Projects Coordinator
Daniel Cevallos, Capital Projects Coordinator

Reference: ADDITIONAL SERVICES #9
BIDDING AND CONSTRUCTION ADMINISTRATION
City of Miami Beach Bayshore Park (Former PAR 3)
Project No. 2015-29234

The summary provided below includes additional time and cost necessary for the Construction Administration of the Bayshore Park project. Since the original contract was written, the complexity and scope of the project has increased and the estimated timeline for construction extended from twelve (12) to an estimated eighteen months (18) to final completion of the tennis pavilion and associated canopies and shade structures.

Task 4: CONSTRUCTION ADMINISTRATION ADDITIONAL SERVICES

4.1 Pre-construction Meeting:

No Additional Fees

4.2 Bi-weekly Construction Meetings:

Additional fees for biweekly meetings and follow up coordination and site reports, due to extended construction schedule and increased project complexity.

4.3 RFI's / CDC's:

Additional fees for RFI's / CDC's due to increased scope of work from original contract.

The number of anticipated RFI's for this project is based on our firm's previous experience with comparable Municipal and County projects. The construction document drawings provided by the Architect includes information necessary to describe the design of the buildings as well as to satisfy compliance with State and City code requirements. However, requests for information that are specific to the complexities of each project are expected. Additional time and effort will be required by the Architect to ensure that the built work will meet acceptable standard levels of quality. For this project we forecast approximately forty (40) Requests for Information.

4.4 Request for Changes to Construction Cost / or Schedules:

Additional fees due to increased project complexity and additional scope.

4.5 Processing of Shop Drawings/ Submittals:

Additional fees due to increased project complexity and additional scope.

The contractor is required to provide submittals and shop drawings for the many components that comprise the project. These are reviewed and approved and often commented upon and resubmitted until they satisfactorily conform to the project's design intent.

Listed below are example items that will require shop drawings/submittals from the contractor and reviews by the Architect. This list will vary per project:

1. Overhead Door
2. Aluminum Louvers
3. Door hardware
4. Hollow metal doors
5. Aluminum frame glass panel doors
6. Aluminum frame glass windows
7. TPO Roofing Membrane
8. Metal Flashing
9. Plumbing Fixtures
10. Epoxy floor
11. Ceramic tile samples
12. Equipment Screen color chart
13. Millwork
14. Light Fixtures
15. Electrical Accessories (Sensors, Switching, Wiring)
16. Interior Paint
17. Exterior Concrete Protective Coating
18. Toilet Partitions
19. Bathroom Accessories
20. Trough Sink
21. Tankless Water Heater
22. Bathroom Signage
23. Aluminum Handrails
24. Solar Panels
25. Exhaust fans
26. Skylights
27. Drinking Fountain
28. CIP Ribbed Architectural Concrete
29. CIP Ribbed Concrete Formwork
30. CIP Exposed Architectural Concrete (Lake Shade Structure)
31. Concrete formwork
32. HVAC Equipment
33. Gypsum Board
34. Cement Stucco
35. Powder Coat Finishes (Shade Structures)
36. Ceiling & Wall Insulation
37. Miscellaneous Metals (Aluminum Reveals)
38. Exterior Deck, Stairs, and Ramp Finishes
39. Overflow Scupper
40. Flood Vents
41. Roof Drains
42. Waterproofing Products
43. Fire Safety Components
44. Shade Structure Metal Fabrication Components
45. Tile Setting Material
46. Shade Structures

- 47. HVAC Equipment Screen
- 48. Ozone Equipment Room Metal Enclosure

4.6 Mandatory Specialty Site Visits:

4.7 Project Closeouts:

Additional fees due to increased project complexity and additional scope.

4.8 Warranty Administration / Post Project Services:

Task was included in original contract, but no fees were assigned in the original fee table and are included now.

The following fee schedule summarizes time and costs associated with the additional Construction Administration Scope of Work as described above.

CMB Bayshore Park Community - Additional Services

TASK 4 - CONSTRUCTION ADMINISTRATION SERVICES		Architect	PM	Designer	Total
	Bi-Weekly Construction Meetings (22 meetings)	44	44		\$14,520
	RFIs /CDC's (40 rfi's)	20	30	25	\$11,100
	Request for Changes to Construction Cost / or Schedules	6	8	4	\$2,760
	Processing of Shop Drawings/Submittals (47 submittals)	24	40	20	\$12,720
	Mandatory Specialty Site Visits (20 visits)	16	18		\$5,580
	Project Closeouts	8	14	22	\$6,180
Total Hours		118	154	71	
Hourly Rate		\$180	\$150	\$120	
Total Cost Including Time to Date		\$21,240	\$23,100	\$8,520	\$52,860



COASTAL SYSTEMS INTERNATIONAL, INC.
464 South Dixie Highway • Coral Gables, Florida 33146
Tel: 305-661-3655 • Fax: 305-661-1914
www.coastalsystemsint.com

Schedule "B"

291402-R7

November 18, 2022

Mr. Barry Miller
SAVINO & MILLER DESIGN STUDIO
12345 NE 6th Avenue
North Miami, FL 33161

Via E-mail: barry@savinomiller.com

RE: REVISED CONSTRUCTION ADMINISTRATION SERVICES FOR THE PROPOSED MIAMI BEACH PAR 3 GOLF COURSE, CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, FLORIDA

Dear Mr. Miller:

This is to submit a proposal addendum for construction administration services relative to the Miami Beach Par 3 Golf Course Project (Project), located in the City of Miami Beach, Miami-Dade County, Florida. The existing contract, dated May 19th, 2016, anticipated a construction period of 12-16 months. This has since been updated to a 24-month construction period. Concurrently, fees associated with the existing Construction Administration Services will increase to match the extended construction timeline. This proposal addendum maintains all general conditions and assumptions as outlined in the existing contract.

The following work tasks, numbered sequentially from our existing contract, outlines the scope of services to be provided by Coastal Systems International, Inc. (Coastal Systems) for Savino & Miller Design Studio (Client):

PART 4 – CONSTRUCTION ADMINISTRATION SERVICES

Coastal Systems will provide construction administration services for the site civil work within the Project Area, as outlined in the following paragraphs, to assist the Client during the construction phase. The services will be provided to supplement full time construction management services provided by the Client.

- i. Additional Bi-Weekly Construction Meetings:** A Coastal Systems engineer and/or program manager will attend bi-weekly construction meetings for a twenty-four (24) month period. The purpose of these meetings shall be to review the status of construction progress, shop drawing submittals, and contract document clarifications and interpretations. The engineer or program manager will also respond to emails with the Client and/or contractor with appropriate representatives to discuss Project construction status and to discuss details for Project implementation and/or permit compliance. Should the construction period extend beyond twenty-four (24) months, a separate addendum scope will be submitted.

Deliverables:

- Meeting minutes to document construction activities.
- Non-compliance notices to the Contractor.
- Archiving of all relevant documents, transmittals, and correspondence.

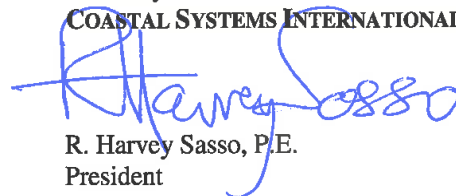
- j. Additional Processing of Shop Drawings:** Coastal Systems will provide construction administration services to review shop drawings related to the civil works design outlined in this Project's existing contract.
- k. Additional Mandatory Specialty Site Visits:** Site visits by Coastal Systems will be conducted throughout the construction period, and observation reports will be prepared summarizing construction progress. During the site visits, Coastal Systems will observe construction to ensure that it is being performed in accordance with the civil regulatory permits, design plans, and specifications. Fees for this scope of services includes site visits and reporting, to verify that the Project construction is consistent with the plans and specifications, for a twenty-four (24) month construction period. Should the construction period extend beyond twenty-four (24) months, a separate addendum scope will be submitted.

GENERAL

This contract is subject to the original agreement "General Agreement Terms and Conditions" and "General Conditions/Assumptions" and is valid to be executed for sixty (60) days. Coastal Systems will invoice the Client each month on a percent complete basis for lump sum tasks and on an hourly basis for hourly tasks pursuant to the approved "Rate Schedule". Expenses will be invoiced separately pursuant to the approved "Rate Schedule".

We look forward to continuing to work with you through successful implementation of this Project. If you wish us to perform the services described above, please sign this agreement and return a signed copy to us, which will serve as our Authorization to Proceed. Should you have any questions or require additional information, please feel free to contact me at (305) 669-6236 or rhsasso@coastalsystemsint.com, or Mr. Orestes Betancourt at (305) 669-6258 or obetancourt@coastalsystemsint.com.

Sincerely,
COASTAL SYSTEMS INTERNATIONAL, INC.



R. Harvey Sasso, P.E.
President

SIGNED: _____
SAVINO & MILLER DESIGN STUDIO

DATE

PRINT: _____
NAME

TITLE

AZ:ts

Enclosure

TABLE 1
SUMMARY OF REVISED COSTS FOR CIVIL ENGINEERING SERVICES
MIAMI BEACH PAR 3 GOLF COURSE PROJECT, MIAMI BEACH, FLORIDA

DESCRIPTION	TYPE	FEES
Part 4. Construction Administration Services		
i. Additional Bi-Weekly Construction Meetings	Lump Sum	\$6,830
j. Additional Processing of Shop Drawings	Lump Sum	\$825
k. Additional Mandatory Specialty Site Visits	Hourly, est. at	\$12,550
Subtotal:		\$20,205
SUBTOTAL:		\$20,205
GRAND TOTAL:		\$20,205

Schedule "B"

DESCRIPTION	Principal / Director	Department Head	Program Manager	Sr. Proj. Manager	Proj. Manager	Project Engineer / Sr. Surveyor	Scientist	Jr. Engineer / IT Specialist	Asst. Proj. Manager / Designer	Surveyor/Field Tech.	Graphics / Media / GIS Tech.	CADD / Engineering Tech	Admin. Asst. / Tech. Asst. / Clerical	Equipment Rental	Reimbursable Expenses	Subcontract 1	Subcontract 2	TOTAL HOURS PER TASK	Subtotal	TOTALS	TASK % OF TOTAL FEES	
TASK 4 - CONSTRUCTION ADMINISTRATION SERVICES																						
4.1 Pre-Construction Meeting (1 m)																				\$ -	\$ 20,205	100.00%
4.2 Pre Construction Kick-Off Meeting with Residents (1 m)																				\$ -		
4.3 Bi-Weekly Construction Meetings (26 m)				5		43							8							\$ 6,830		
4.4 RFIs /CDC's																				\$ -		
4.5 Request for Changes to Construction Cost / or Schedules																				\$ -		
4.6 Processing of Shop Drawings				1				6				1								\$ 825		
4.7 Mandatory Specialty Site Visits (26 m)				10		80							10							\$ 12,550		
4.8 Project Closeouts (1-2 m)																				\$ -		
																				\$ -		
																				\$ -		
																				\$ -		
Staff				16	0	123	0	6	0	0	1	18						164	\$ 20,205		100.00%	
Rate (\$/hr.)				2,560	0	15,990	0	600	0	0	65	990										
Principal / Director	180	0.00%	0.00%	0.00%	12.67%	79.14%	0.00%	2.97%	0.00%	0.00%	0.32%	4.90%										100%
Department Head	180																					
Program Manager	200																					
Sr. Proj. Manager	160																					
Proj. Manager	150																					
Project Engineer / Sr. Surveyor	130																					
Scientist	120																					
Jr. Engineer / IT Specialist	100																					
Asst. Proj. Manager / Designer	80																					
Surveyor/Field Tech.	75																					
Graphics / Media / GIS Tech.	70																					
CADD / Engineering Tech	65																					
Admin. Asst. / Tech. Asst. / Clerical	55																					

**JOHNSON, AVEDANO, LOPEZ, RODRIGUEZ & WALEWSKI
ENGINEERING GROUP, INC.**

~~June 14, 2022~~
~~October 21, 2022~~
~~November 15, 2022~~
January 10, 2023

VIA Email

Mr. Barry R. Miller
Savino & Miller Design Studio, P.A.
12345 N.E. 6th Avenue, Suite A
North Miami, Florida 33161

Re: Community Park (Former Par 3) Project
Add Services #4 Extended CA

Dear Barry:

Per your request our fee proposal is for the lump sum amount of \$56,165.00 for adjusted construction phase services and extended 12 months construction phase services due to increased scope of work from original contract. including, but not limited to path and tennis lighting; street light relocation; monument signage; lake maintenance equipment & pump house; solar panels on tennis building. Fee includes scope related security camera system designed by others. Security camera scope includes coordinating with the security camera consultant, preparing infrastructure drawings for permit based on the security camera system from the consultant's drawings and construction phase services related to the security camera system.

Add Services #4 Extended CA: \$56,165.00

If you have any questions or comments, do not hesitate to contact our office.

Sincerely,
Johnson, Avedano, Lopez, Rodriguez & Walewski
Engineering Group, Inc.



Richard Walewski
Principal

DESCRIPTION	Principal / Director	Master Planner (Principal)	Project Manager	Project Engineer	Jr. Engineer	CAD / Tech	LA Designer	LA CA	Asst. Proj. Manager / Designer	Surveyor/Field Tech.	Graphics / Media / GIS Tech.	CADD / Engineering Tech	Admin. Asst. / Tech. Asst. / Clerical	Equipment Rental	Reimbursable Expenses	Subcontract 1	Subcontract 2	TOTAL HOURS PER TASK	Subtotal	TOTALS	TASK % OF TOTAL FEES	HOURS PER TASK
TASK 4 - CONSTRUCTION ADMINISTRATION SERVICES																						
4.0 Security Camera System (Sub-Consultant electric drawings, coordination and construction phase)	10		50	120		240													\$	44,900		
4.1 Pre-Construction Meeting (1 m)																			\$	-		
4.2 Pre Construction Kick-Off Meeting with Residents (1 m)																			\$	-		
4.3 Bi-Weekly Construction Meetings (26 m)				44		12							2						\$	7,425		
4.4 RFIs /CDC's																			\$	-		
4.5 Request for Changes to Construction Cost / or Schedules																			\$	-		
4.6 Processing of Shop Drawings			8	8									2						\$	2,530		
4.7 Mandatory Specialty Site Visits (26 m)																			\$	-		0
4.8 Project Closeouts (1-2 m)			2	6									2						\$	1,310		
																			\$	-		
Staff	Rate (\$/hr.)	10	0	60	178	0	252	0	0	0	0	0	6.23						506.23	\$ 56,165	0.00%	
Principal / Director	175	1,750	-	9,300	25,810	-	18,900	-	-	-	-	-	405									
Master Planner (Principal)		3.12%	0.00%	16.56%	45.95%	0.00%	33.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.72%								100%	
Project Manager	155																					
Project Engineer	145																					
Jr. Engineer	105																					
CAD / Tech	75																					
LA Designer																						
LA CA																						
Asst. Proj. Manager / Designer	135																					
Surveyor/Field Tech.																						
Graphics / Media / GIS Tech.																						
CADD / Engineering Tech																						
Admin. Asst. / Tech. Asst. / Clerical	65																					

TASKS THAT INCLUDE MEETINGS / ##- m indicates number of meetings

Kelly Hitzig
Savino & Miller Design Studio
12345 NE 6th Avenue, Suite A
Miami, FL 33161

RE: BAYSHORE PARK ADDITIONAL SERVICES PROPOSAL - CITY OF MIAMI BEACH. REV1.

Dear Kelly,

Per your request for a closer look at our Additional Services proposal as the City prepares to impliment the "Lagoon Clean-Up project". Here is our reconsidered response.

As the Designers of the Lagoon's Life Support System (LSS) we have budgeted for 10 site visits and a wide range of construction/technical questions and assistance from the selected General Contractor, whoever that may be. Edgewater Exhibits is the only realistic qualified company to build and impliment this innovative Life Support System, however we have no control over who will be awarded this contract to do so.

With that in mind, we have been informed that we do not qualify for the construction company as we are the system designers. For this reason we realize that we will most likely be needed as a consultant to the GC. Our new Additional Services Fee Estimate of \$13,200.00 (See BAYSHORE PARK CA add services Excel Spred sheet)for consulting with the Contractor/s chosen to perform the construction of this project. We are aware this is scheduled as a two year project and would require our engagement throughout the entire project - including Start-up and Commissioning. This is a very important aspect.

Respectfully,



Matthew J. Rothan
Director of Exhibitions
Edgewater Exhibits
305 801 0596

EDGEWATER		Principal / Director	Department Head	Program Manager	Sr. Project Manager	Project Manager	Project Engineer / Sr Surveyor	Scientist	Jr. Engineer / IT Specialist	Asst. Proj. Manager / Designer	Surveyor/Field Tech.	Graphics / Media / GIS Tech.	CADD / Engineering Tech	Admin. Asst. / Tech. Asst. / Clerical	Equipment Rental	Reimbursable Expenses	Subcontract 1	Subcontract 2	TOTAL HOURS PER TASK	Subtotal	TOTALS	TASK % OF TOTAL FEES	HOURS PER TASK	
TASK 5.2 - ADDITIONAL SERVICES																								
	Resiliency Study and Implementation - Lake Health System Design																				\$ -	\$ 13,200	100.00%	
	Construction Site Visits	40																			\$ 7,200			
	Review Submittals & RFIs; Shop Drawings				15																\$ 2,400			
	Start up and commissioning of system		20																		\$ 3,600			
																					\$ -			
		40	20	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	\$ 13,200		100.00%	
Staff	Rate (\$/hr.)	7,200	3,600	-	2,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Principal / Director	180	54.55%	27.27%	0.00%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%	
Department Head	180																							
Program Manager	200																							
Sr. Project Manager	160																							
Project Manager	150																							
Project Engineer / Sr Surveyor	130																							
Scientist	120																							
Jr. Engineer / IT Specialist	100																							
Asst. Proj. Manager / Designer	80																							
Surveyor/Field Tech.	75																							
Graphics / Media / GIS Tech.	70																							
CADD / Engineering Tech	65																							
Admin. Asst. / Tech. Asst. / Clerk	55																							

These revisions are to considered additional fees based on the 2 year field installation schedule
 The 40 hours of Site Visit/Meetings represents 10 site visits
 5 hours for design development is for any unforeseen site conflicts or additional drawings for contractor clarifications
 The 20 hours for start-up and commissioning is for getting the Lagoon system up and running and owner training about system.

TASKS THAT INCLUDE MEETINGS / ##-m indicates number of meetings



5000 SW 75th Suite 103 Avenue Miami, Florida 33155
Phone (305) 667-8975 Fax (305) 662-1002
Website: AQUADYNAMICS.BIZ e-mail: **INFO@AQUADYNAMICS.BIZ**

Water Park & Family Aquatic Center Design
Resort, Hotel, & Condominium Pool Design
Forensics, Evaluations, & Analysis
DOH Violations, Variances, Permitting

John J. Wahler, Principal
Elisa Love Wahler, R.A.
Ofelia Taboada, P.E.

Additional Design Services Proposal

November 3, 2022 updated from original

BARRY MILLER
SAVINO & MILLER
12345 NE 6TH STREET, SUITE A
NORTH MIAMI, FL 33161
BARRY: barry@savinomiller.com

**Re: CONSTRUCTION ADMINISTRATION PHASE FEE FOR PAR 3 LINEAR WATERFEATURE EQUIPMENT
Request for Proposal for Additional Services.**

The following proposal is being sent at your request, and includes fees for the construction administration phase of this project for the scope of the linear water feature equipment.

The fee outlined below includes additional services beyond the post plan and permitting phase that will include:

- REVIEW OF SHOP DRAWINGS AND EQUIPMENT SUBMITTALS.
- REVIEW OF RFI'S
- ATTENDANCE AT 2 COORDINATION MEETINGS DURING CONSTRUCTION.
- RESPONSES TO QUESTIONS SENT VIA EMAIL
- UP TO 6 SPECIALTY SITE VISITS INCLUDED IN THIS PROPOSED AMOUNT THAT WOULD INCLUDE ROUGH PIPING EVALUATION, FINAL PIPING EVALUATION, PLACEMENT AND HOOK UP OF EQUIPMENT VAULT, START UP OF EQUIPMENT VAULT WITH POOL BUILDER, FINAL INSPECTION WITH COMB AND 1 CONTINGENCY INSPECTION.

The proposed allowance for this work is: \$5000.00

Article 2.0- FEE PROPOSAL

2.0.1 BREAKDOWN OF FEES additional fees for the new work:

2.0.2 **PROPOSED ALLOWANCE FOR CA PHASE \$5,000.00**

PAYMENT SCHEDULE

INVOICES WILL BE SENT AS WORK OCCURS. OF THE \$5,000 FEE WE HAVE ALLOWED \$850 PER FIELD INSPECTION, WITH THE REMAINING AMOUNT SPLIT AMONG OTHER SERVICES.

IF FOR SOME REASON THE CA PHASE GOES BEYOND THE \$5,000 LIMIT PROPOSED, WE WILL NOT MOVE FORWARD WITH ANY WORK WITHOUT ADDITIONAL APPROVAL FROM YOUR OFFICE.

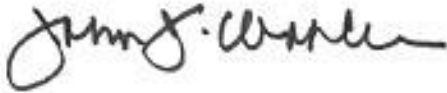
Schedule "B"

Article 3.0- IMPLEMENTATION

3.0.1 ACCEPTANCE- To signify acceptance of this proposal, please sign and return a PDF copy of this proposal to our office by email to start work. Work will begin upon receipt of signed agreement and receipt of additional information for new work from other consultants.

Respectfully,

Aquadynamics Design Group, Inc.



By: _____

John J. Wahler, Principal

ACCEPTED BY:

BARRY MILLER

AUTHORIZED AGENT

BY: _____

NAME: _____

TITLE: _____

DATE: _____

S:\OFFICE\PROPOSALS\Add Services Proposals\2022\PAR 3 _ASA FOR CA PHASE_ADD SERVICE_BARRY MILLER_SAVINO AND MILLER_updated 11-3-22.doc



5040 NW 7TH STREET, SUITE 820, MIAMI, FL 33126
305.461.3450 | O-N.COM

Schedule "B"

PRINCIPALS

Anthony Naccarato, PE, SE, *President*
Mark Lunden, PE, SE, *Vice President*
Dennis Mordan, PE, SE, *Vice President*
Paul Panzarino, PE, SE, *Vice President*
Rod McComas, PE, SE, *Vice President*
Scott Bauer, PE, SE, LEED AP
James Behler, PE, SE
Michael Herrmann, PE, SE
Alan Miller, PE, SE
Mark Orsini, PE, SE
Brian Rawlings, PE, SE
Douglas Wood, PE

FOUNDERS

William O'Donnell, PE (dec. 2019)
Peter Naccarato, PE (retired)

REQUEST FOR FEES FOR ADDITIONAL SERVICES

June 21, 2022 (Revised 11/02/2022)

To: Ms. Kelly Hitzing, ASLA, PLA
Savino & Miller Design Studio
12345 NE 6th Avenue, Suite A
North Miami, Florida 33161
Via E-Mail: Kelly@savinomiller.com

Project: **City of Miami Beach**
BayshorePark (Former Par 3)
Miami Beach, Florida

In accordance with our agreement of December 23, 2015 we hereby request authorization of fees for Additional Services as described below.

DESCRIPTION OF ITEM(S) REQUIRING ADDITIONAL SERVICES:

Construction administration and special inspections for aluminum structures and reinforced masonry.

Scope of construction administration services was increased due to additions to the project and extension to the anticipated construction schedule. The additions to the scope include the ozone equipment building, additions/modifications to the lake structures, water features and bridge, and signs and foundations. The anticipated construction schedule was extended from 12 months to 24 months.

ADDITIONAL SERVICES REQUIRED TO ACCOMPLISH:

Consultation, coordination, special inspections, review of structural submittals (shop drawings) and responses to questions from the contractor during construction (RFI's).

FEES FOR ADDITIONAL SERVICES:

Our additional construction administration fees will be a lump sum of \$14,580.85. Therefore, the total fee for construction administration will be increased from \$10,425.00 to \$25,005.85.

For informational purposes, see below estimate of man-hours and fees for the additional Construction Administration fees:

	Hours	Rate	Amount
Principal	4	\$172.50	\$690.00
Senior Structural Engineer	22	\$138.00	\$3,036.00
Structural Engineer	84	\$116.15	\$9,756.60
Senior CAD Technician	8	\$69.00	\$552.00
CAD Technician	8	\$63.25	\$506.00
Clerical	1	\$40.25	\$40.25
		Subtotal	\$14,580.85

Our fees for Special Inspections will be a lump sum of \$17,897.45.

For informational purposes, see below estimate of man-hours and fees for the Special Inspection fees:

	Hours	Rate	Amount
Principal	5	\$172.50	\$862.50
Senior Structural Engineer	44	\$138.00	\$6,072.00
Structural Engineer	93	\$116.15	\$10,801.95
Clerical	4	\$40.25	\$161.0
		Subtotal	\$17,897.45

Therefore, the total fees for the additional construction administration and special inspection are as follows:

Additional Construction Administration	\$14,580.85
Special Inspection	\$17,897.45
Total	\$32,478.30

All other aspects of our agreement remain unchanged.

We thank you for the opportunity to continue our services to you. Please indicate your authorization to proceed with these additional services by signing in the space provided below and returning a copy to us. We will begin these Additional Services upon receipt of a signed copy of this memorandum.

Sincerely,
Wood/O'Donnell & Naccarato



Douglas Wood, P.E., SECB
 Principal

Accepted:

For: _____
 Savino & Miller Design Studio

_____ Date

_____ Printed Name

_____ Title

Schedule "B"

DESCRIPTION	Principal	Senior Structural Engineer	Structural Engineer	Senior CAD Technician	CAD Technician	Clerical								Equipment Rental	Reimbursable Expenses	Subcontract 1	Subcontract 2	TOTAL HOURS PER TASK	Subtotal	TOTALS
TASK 1 Planning Services (Schematic Design, 30% Docs, BORD)																				
1.6 Draft Basis of Design Report 30% Progress Set																		0	\$ -	\$ -
TASK 2 Design Services																				
2.1.1 60 % Progress set																		0	\$ -	\$ -
2.2.2 90% Progress Set																		0	\$ -	
2.2.3 100% Submittal																		0	\$ -	
2.1.4 Design Progress Metting																		0	\$ -	
2.6 Permitting																		0	\$ -	
TASK 3 Bidding and Award Services																				
3.3 Pre-Bid Conference and Bid Opening																		0	\$ -	\$ -
3.5 Bid Evaluation																		0	\$ -	
TASK 4 - CONSTRUCTION ADMINISTRATION SERVICES (Additional Services)																				
4.1 Pre-Construction Meeting		2	2															4	\$ 508	\$ 32,478
4.3 Bi-Weekly Construction Meetings			30															30	\$ 3,485	
4.4 RFI's/CDC's	2	8	22	4	4													40	\$ 4,533	
4.6 Processing of Shop Drawings	1	10	30	4	4													49	\$ 5,566	
4.7 Mandatory Specialty Site Visits																		0	\$ -	
4.8 Project Close-out	1	2				1												4	\$ 489	
4.9 Special Inspections	5	44	93			4												146	\$ 17,897	
Staff	9	66	177	8	8	5	0	0	0	0	0	0	0	0	0	0	0		\$ 32,478	\$ 32,478
Rate (\$/hr.)	1,553	9,108	20,559	552	506	201	-	-	-	-	-	-	-	-	-	-	-			
Principal	4.78%	28.04%	63.30%	1.70%	1.56%	0.62%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		100%	
Senior Structural Engineer																				
Structural Engineer																				
Senior CAD Technician																				
CAD Technician																				
Clerical																				

NOTE:



December 6, 2022
Project No. 2020-3005

Mr. Barry Miller
Savino Miller Design Studio, P.A.
12345 NE 6 Avenue, Suite A
North Miami, FL 33161
barry@savinomiller.com

**Subject: Environmental Consulting Proposal – Construction Administration
(Revised 12/06/2022)
Future Bayshore Park Project
Miami Beach, Miami-Dade County, Florida**

Dear Mr. Miller:

Gallagher Bassett Technical Services (GBTS), a division of Gallagher Bassett Service, Inc. (GBSI), has prepared this proposal to provide environmental consulting during the park construction project. A support table has been provided to detail the anticipated GBTS personnel categories and hours, drilling, laboratory, and field costs to complete these services. The primary GBTS personnel categories referenced in the proposal include:

- Professional Geologist (Craig Clevenger, P.G.)
- Professional Engineer (Sean Nemster, P.E.)
- Certified Industrial Hygienist (Alex Mavrelis, CIH)
- Field Geologist (to be determined)
- CADD Draftsperson (to be determined)
- Administrative Support (to be determined)

Task 1 – Planning Meetings

GBTS will conduct a kick-off meeting with City of Miami Beach (the City), and a second meeting with the City and the General Contractor to review the environmental requirements for the project. GBTS will provide notification to DERM of the timing for implementation of the field work. Additionally, GBTS has included time to review materials as needed, and if required one meeting with DERM. GBTS also has included a budget for additional meetings, conference calls, or review of technical information as requested by the City of Miami Beach.

Budget was based on 60 hours of the Professional Geologist, 8 hours of the CIH, 6 hours of the Professional Engineer, 10 hours of the Field Geologist, 5 hours of Administrative Support, and field vehicle (2 days).

Task 1 Budget = \$11,970.00

Task 2 – Baseline Groundwater Monitoring

GBTS will conduct a pre-construction baseline groundwater monitoring event, during which up to 20 existing monitoring wells will be sampled. Sampling will be conducted in accordance with the Florida Department of Environmental Protection (FDEP) Standard Operating Procedures (SOPs), per Chapter 62-160, Florida Administrative Code (FAC). Groundwater samples will be transported to an environmental laboratory and analyzed for Total Arsenic by EPA Method 6010.

GBTS proposed that the monitoring plan include the following 14 existing monitoring wells:

- Boundary Wells: GW-1, GW-2, GW-3, MW-6, MW-16, MW-17, MW-19 & MW-21
- Interior Wells (outside the rim of stormwater system): MW-3, MW-5, MW-20, MW-8 & MW-14
- Deep Well: MW-15D

However, DERM indicated that the final monitoring plan would be subject to review and evaluation. Therefore, the budget has included sampling/analysis of up to 20 existing monitoring wells. GBTS' Professional Geologist will contact DERM and verify the required monitoring wells prior to implementation of the baseline sampling.

Upon completion of the sampling event, GBTS will prepare a Baseline Groundwater Sampling Report including maps, tables and backup documentation within 30 days, which will be signed/sealed by the Professional Geologist.

Budget was based a 3-day sampling event and a day of forms/tables by the Field Geologist (50 hours), project management and report preparation by the Professional Geologist (20 hours), drafting and administrative support (4 hours each), field vehicle (3 days), sampling equipment/PPE (3 days), and laboratory costs (20 groundwater samples).

Task 2 Budget = \$8,105.00

Task 3 – SMP Oversight & QOR Reporting Review

GBTS will inspect the site twice-per-month to evaluate compliance with the Soil Management Plan (SMP), Dust Control Plan (DCP), Air Monitoring Plan (AMP), and installation of the Engineering Control cap.

GBTS also will provide periodic inspections of the soil management handling during the water and sewer line installation.

GBTS will review the weekly air/dust monitoring data and draft Quarterly Operating Reports (QORs) to be provided by the General Contractor.

GBTS will memorialize the inspections with inspection logs that will be submitted to the City on a quarterly basis.

Budget was based on an average of three times per month inspections by the Field Geologist (12 hours per month – estimated 264 hours over 22 months), weekly review of dust sampling data and general

Savino Miller Design Studio, P.A.

December 6, 2022

Page 3

environmental consulting issues by Professional Geologist (2 hours per week) and CIH (1 hour per week) for a duration of 22 months of work, and quarterly review by the CIH and Professional Geologist (4 hour each quarterly for 22 months), including field vehicle and PPE (66 days), and administrative support (2 hour per month for 22 months).

Task 3 Budget = \$80,570.00

Task 4 – Monitoring Well Replacement

In the event that the General Contractor does not preserve or replace the monitoring wells, or if DERM requires additional post-construction monitoring, GBTS has included a budget to install up to eight (8) shallow monitoring wells by a Florida-licensed well drilling contractor. The 1.5-inch diameter wells will be installed to a depth of 12-feet BLS, including 10-feet of pre-packed, slotted well screen, and sufficient riser to reach the surface. The wells will be completed within a protective, flush-mounted, steel manhole with cover.

Budget was based a 1-day field installation event, 10 hours of a Field Geologist, 12 hours of a Professional Geologist for coordination with DERM and Client, project management, and report preparation, 1 hour of administrative support, 1 day of field vehicle, 1 day of field supplies/PPE, and up to eight (8) monitoring wells.

Task 4 Budget = \$11,825.00

Task 5 – Post-Lake Construction Groundwater Monitoring Only Plan (MOP)

In the event that the General Contractor does not conduct the MOP, GBTS has included this budget to conduct a 1-year post-lake construction groundwater MOP. The MOP will include quarterly sampling of up to 20 existing monitoring wells. Sampling will be conducted in accordance with the FDEP SOPs, per Chapter 62-160, FAC. Groundwater samples will be transported to an environmental laboratory and analyzed for Total Arsenic by EPA Method 6010.

DERM indicated that the final monitoring plan would be subject to review and evaluation. Therefore, the budget has included sampling/analysis of up to 20 existing monitoring wells. GBTS' Professional Geologist will contact DERM and verify the required monitoring wells prior to implementation of the 1st quarterly sampling event.

GBTS will prepare Quarterly Groundwater MOP Reports, including maps, tables and backup documentation within 30 days of each sampling event, which will be signed/sealed by the Professional Geologist.

Budget was based a per-quarter estimate of: 3-day sampling event and a day of forms/tables by the Field Geologist (50 hours/quarter), project management and report preparation by the Professional Geologist (13 hours/quarter), drafting and administrative support (4 hours each/quarter), field vehicle (3 days/quarter), sampling equipment/PPE (3 days/quarter), and laboratory costs (20 groundwater samples/quarter).

Task 5 Budget = \$29,020.00

Savino Miller Design Studio, P.A.

December 6, 2022

Page 4

Task 6 – Engineering Control Certification (ECC) Report

GBTS will prepared the Engineering Control Certification (ECC) Report utilizing the documentation provided by the General Contractor. This will include verification of the backup documentation, approximately 10 field inspections during cap installation, and discussions with the General Contractor concerning the details of the ECC.

Budget was based on inspections by the Field Geologist (60 hours), preparation of ECC by Professional Geologist and Professional Engineer (35 hours each), field vehicle (11 days), and administrative support (10 hours).

Task 6 Budget = \$15,635.00

Task 7 – Supplemental Environmental Testing, Interpretation and Reporting

GBTS has included this budget in the event that additional testing is needed during the excavation of the lake and relocation of soils. In the event that leachate water requires arsenic testing or soils require total and/or Synthetic Precipitate Leaching Procedure (SPLP) arsenic, GBTS can collect the samples and have the laboratory complete the analysis. GBTS can provide interpretation and reporting of the results.

Budget was based on sample collection by the Field Geologist (40 hours), project management, data interpretation, and reporting by the Professional Geologist (25 hours), field vehicle and sampling equipment (10 days), administrative support (5 hours), and up to 20 water samples for total arsenic and up to 20 soil samples for SPLP arsenic.

Task 7 Budget = \$14,300.00

BUDGET SUMMARY

GBTS has budgeted **\$170,045.00** to complete the scope of services, and the City of Miami Beach will only be charged for the actual services rendered, which will be invoiced on a Time and Materials basis, and will include the following anticipated staff and equipment unit rates:

- Professional Geologist @ \$150/hour
- Professional Engineer @ \$130/hour
- Certified Industrial Hygienist @ \$130/hour
- Field Geologist @ \$75/hour
- CADD Draftsperson @ \$60/hour
- Administrative Support @ \$40/hour
- Field Vehicle @ \$85/day
- Sampling Equipment/Field Supplies/Disposables/Personal Protective Equipment @ \$100/day
- Subcontracted Laboratory – Total Arsenic Analyses @ \$20/sample
- Subcontracted Laboratory – SPLP Arsenic Analyses @ \$150/sample
- Subcontracted Driller – Install Shallow Monitoring Wells @ \$1,150/well

The proposal assumed that the work will be completed within a maximum 3 year period.

Please do not hesitate to contact us if you have any questions concerning this proposal.

Sincerely,

A handwritten signature in blue ink, appearing to read "C.C. Clevenger". The signature is fluid and cursive, with the first name and last name clearly legible.

Craig C. Clevenger, P.G.
Managing Director, Environmental Services
Gallagher Bassett Technical Services

Attached:

- Fee Estimate Detail Spreadsheet

TABLE 1 - FEE ESTIMATE DETAIL
CONSTRUCTION ADMINISTRATION - ENVIRONMENTAL OVERSIGHT/SUPPORT
Proposed Bayshore Park (Former Par 3), Miami Beach, FL
EE&G Project No. 2020-3005

			Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 7		
			Planning/Meetings	Baseline GW Sampling	SMP Oversight	Well Replacement	1-Year GW MOP	ECC Review	Suplem. Sampling		
LABOR	Rate	Unit								Total Hours	Subtotal
Principal, Professional Geologist (P.G.)	\$150.00	Hour	60	20	208	10	52	35	30	415	\$62,250.00
Professional Engineer (P.E.)	\$130.00	Hour	6	0	0	0	0	35	0	41	\$5,330.00
Certified Industrial Hygienist (CIH)	\$130.00	Hour	8	0	120	0	0	0	0	128	\$16,640.00
Field Geologist	\$75.00	Hour	10	50	264	12	200	60	40	636	\$47,700.00
CADD Draftsperson	\$60.00	Hour	0	4	0	0	16	0	0	20	\$1,200.00
Administrative Assistant	\$40.00	Hour	5	4	44	1	16	10	5	85	\$3,400.00
Subtotal - Labor Billing:			\$11,770.00	\$7,150.00	\$68,360.00	\$2,440.00	\$24,400.00	\$14,700.00	\$7,700.00		\$136,520.00
EXPENSES	Rate	Unit									Subtotal
				Costs per Task (\$)			Costs per Task (\$)				
Lab Analysis (groundwater - Total Arsenic)	\$20.00	Sample	\$0.00	\$400.00	\$0.00	\$0.00	\$2,400.00	\$0.00	\$400.00		\$3,200.00
Lab Analysis (groundwater - SPLP Arsenic)	\$150.00	Sample	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,000.00		\$3,000.00
Driller to Install Monitoring Wells	\$1,150.00	Well	\$0.00	\$0.00	\$0.00	\$9,200.00	\$0.00	\$0.00	\$0.00		\$9,200.00
Truck Rental /Mileage	\$85.00	Day	\$170.00	\$255.00	\$5,610.00	\$85.00	\$1,020.00	\$935.00	\$850.00		\$8,925.00
Field Supplies (sampling equipment, disposables, PPE, etc)	\$100.00	Day	0.00	300.00	6,600.00	100.00	\$1,200.00	0.00	1,000.00		\$9,200.00
Subtotal Expenses			\$170.00	\$955.00	\$12,210.00	\$9,385.00	\$4,620.00	\$935.00	\$5,250.00		\$33,525.00
Total Project Per Task:			\$11,940.00	\$8,105.00	\$80,570.00	\$11,825.00	\$29,020.00	\$15,635.00	\$12,950.00		
											Task 1 - Project Budget: \$170,045.00