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April 2, 2026

Jocelyn Brown  
Environmental Compliance & Asset Manager  
City of Hallandale Beach Public Works Department  
630 NW 2nd Street  
Hallandale Beach, Florida 33009

**Subject: Proposal for Surface Water Management Licensing and FDOT Direct Connection Permit  
Chaves Lake  
Hallandale Beach, Broward County, Florida  
Proposal Number PRJ111204**

Dear Ms. Brown:

RES Florida Consulting, LLC (RES) is pleased to submit this proposal to the City of Hallandale Beach (City) to continue to support the City in its need to secure a Broward County Surface Water Management License for the Chaves Lake. Included in this proposal is an outline of the additional scope requirements and project information, the proposed scope of services, our estimated fee, and the authorization procedures.

## Background Information

RES was contacted on May 15, 2024, by Ms. Jocelyn Brown of the City to review a Notice of Potential Enforcement Action (NOPEA) issued to the City by Broward County (County) on May 1, 2024. Due to the requirements and time constraints for compliance stated in the NOPEA, RES began to investigate the site conditions and stormwater management licensing requirements of Chaves Lake and the surrounding contributing surface water connections to the lake to better understand the site conditions before meeting with the County regarding the NOPEA. RES coordinated a meeting that was held on June 13, 2024 with the City and the County to seek clarifications on the applicability and requirements of Broward County licenses as they related to a discharge of the lime residual discharge from the City's water treatment plant. The meeting with the County provided clarification of items that the County was requesting to address the requirements of the NOPEA.

Based on the meeting, RES understood that the City was required to obtain a Surface Water Management License (SWM) in conjunction with an Environmental Resource Permit (ERP) and an Environmental Resource License (ERL) from Broward County. These permits and licenses required the review of the drainage system of Chaves Lake and contributing drainage elements connected to the Lake. Because RES did not have a direct contract with the City, the City directed Terracon to enter into a subcontract agreement with RES to provide these services. Terracon Consultants, Inc. (Terracon) contracted RES to provide the stormwater management and environmental license and permitting services as outlined in our February 25, 2025 Proposal for Chaves Lake Stormwater and Environmental Permitting and the Subcontractor Master Services Agreement (MSA) executed on February 27, 2025. A kickoff meeting was held with the City, Terracon and RES on March 19, 2025. A second meeting with Broward County was held on May 19, 2025. Progress meetings with the City, Terracon and RES were held on July 10, 2025, September 23, 2025 and November 5, 2025. Another license and permit coordination meeting with Broward County was held on November 12, 2025.

RES prepared the following documents as authorized under the scope of services in the MSA and submitted them to Broward County for processing:

- Request for Environmental Resource License application dated September 25, 2025
- Broward County Surface Water Management License application for Chaves Lake dated September 25, 2025
- Response to Request for Additional Information dated November 25, 2025 for the Broward County Surface Water License application and Environmental Resource License application



- Prepared Environmental Resource Application and included in the Response to Request for Additional Information dated November 25, 2025

In a letter dated December 24, 2025, amended 12/29/2025, the County provided additional comments on the surface water license application. RES prepared a full response to this letter and presented it to the City and Terracon in a meeting held on January 15, 2026. During a subsequent meeting with the County, the City, Terracon and RES held on January 27, 2026, the County requested that the City obtain a written approval and/or agreement from the Florida Department of Transportation (FDOT) acknowledging that the FDOT would accept the City's discharge into the FDOT's encumbered area within the lake. RES did not submit the RAI response prepared as this requirement for coordination with FDOT had not yet been contemplated. The City, Terracon and RES met on February 18, 2026 to develop a strategy for a meeting with the FDOT. On February 19, 2026, the City, Terracon and RES met with FDOT and it was decided that a FDOT Drainage Connection Permit (DCP) would be needed. RES notes that additional effort and meetings beyond what was originally contemplated in the MSA were necessary to support the project process. This proposal includes those items that were already conducted by RES that were outside of that original scope of services. We understand that contracting will now be direct with the City.

## **Proposed Scope of Services**

RES proposes to provide the following amended scope of services.

### **Meetings**

RES participated in ten meetings with Terracon and the City as outlined above. Our original scope included time for up to five meetings. As such, RES has included time for five additional previous meetings in this proposal. RES has also included up to three future meetings to be held with any combination of the City, County, FDOT and RES. Deliverables for these tasks include the creation of meeting agendas before the meeting and minutes after the meetings, as appropriate.

### **Coordination with FDOT and DCP Application Submittal**

- RES will prepare a Drainage Connection Permit Application Form 850-040-06 and attachments. This deliverable will be signed and sealed by a RES licensed Professional Engineer. Please note that this application will need to be signed by the City as applicant.
- RES will upload supplemental materials required for DCP in FDOT One Stop Permitting.
- RES will obtain existing site photographs in hard copy format as applicable and reasonably accessible.
  - A view of the site in each direction (North, East, South and West).
  - A view of the State Road both upstream and downstream from the connections.
  - Existing drainage facilities directly connected to the FDOT's drainage system.
  - Existing drainage facilities with the FDOT' right of way adjacent to the site.
- RES will prepare a narrative describing existing conditions in relation to FDOT's right of way showing details of pumps and easement maps. We anticipate that this will be a separate summary/narrative providing the FDOT with background and purpose of the required DCP.
- RES anticipates that we will revise the narrative of drainage report reflecting pre-development and post-development drainage analysis. This updated report will be signed and sealed by a licensed Florida Professional Engineer.
- RES anticipates the DCP application will include the City's updated Master Plan model that was submitted under the Broward County Surface Water License application.

Please note that the following items are listed in the requirements for the DCP, but do not apply to this project so not included in this scope of services.

- Soils report
- Scaled paving, grading and drainage plans reflecting pre-development and post-development conditions.



## Surface Water Management License RAI Submittal

RES will prepare a response to the November 25, 2025 Requests for Additional Information (RAIs) and additional review comments from the County documented in the January 27, 2026 meeting. This will include a copy of the DCP and additional information requested by the County. The scope does not include preparation of a response to any additional RAIs.

This proposal has been prepared with the assumption that the existing condition of the lake will meet surface water management and natural resource codes and rules. If the analysis conducted indicates that the lake has insufficient capacity to accommodate the stormwater inputs in the existing condition or after five years of fill placement, then modifications resulting in design and construction may be necessary. This would require additional work beyond the scope of this proposal.

## Schedule

RES anticipates four weeks from our receipt of our amended contract to prepare a draft DCP permit application for the City's review. Once approved and signed by the City, RES will upload the application package within two additional days. RES will coordinate directly with FDOT to process the permit.

## Cost of Services

RES will conduct the above-described scope of services for lump sum fee of \$24,140. Services beyond those described herein will be invoiced in accordance with our agreed schedule of fees at the applicable rates. You will be invoiced monthly for services completed. Payment of our invoices is due upon receipt.

## Authorization

Please issue a work authorization referencing this proposal and the Agreement between the City and RES for RFP # FY 2024-2025-14 Consultant Competitive Negotiation Act (CCNA) Continuing Professional Architectural and Engineering Services and Other Services.

We appreciate the opportunity to offer our professional services on this project. If you have any questions concerning this proposal, please contact us at (954) 484-8500.

Sincerely,

**RES FLORIDA CONSULTING, LLC**

Karen Snyder, PE  
Engineering Division Manager  
KSnyder@res.us | 386-717-7542

Nadia G. Locke, P.E., LEED AP  
Florida Advisory Services Manager  
NLocke@res.us | 954-484-8500



**Project Name:** Chaves Lake DCP and SWM  
**Client:** City of Hallandale Beach, Florida  
**PRJ#:** PRJ111204

**Billing Rate Card Hallandale Beach**

Name of the Task	Meetings		Coordination with FDOT and DCP Application plus Response to Additional information Request (RAI)		Broward County RAI Response						TOTALS		
	Rate	Hrs	Amount	Hrs	Amount	Hrs	Amount	Hrs	Amount	Hrs	Amount	Hrs	Amount
Director, Engineering	\$302		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Project Manager	\$270	20	\$ 5,400.00	12	\$ 3,240.00	10	\$ 2,700.00		\$ -		\$ -	42	\$ 11,340.00
Project Engineer	\$240		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Engineer	\$190		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Junior Engineer	\$160	24	\$ 3,840.00	48	\$ 7,680.00	8	\$ 1,280.00		\$ -		\$ -	80	\$ 12,800.00
Senior CADD Tech Manager	\$195		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
CADD Technician	\$145		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Permit Administrator	\$130		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
<b>TOTAL LABOR</b>		<b>44</b>	<b>\$ 9,240.00</b>	<b>60</b>	<b>\$ 10,920.00</b>	<b>18</b>	<b>\$ 3,980.00</b>	<b>0</b>	<b>\$ -</b>	<b>0</b>	<b>\$ -</b>	<b>122</b>	<b>\$ 24,140.00</b>
<b>SUBCONTRACTORS</b>													
	Price	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount
			\$ -		\$ -		\$ -		\$ -	1	\$ -	1	\$ -
<b>TOTAL SUBCONTRACTORS + M€</b>	<b>10%</b>	<b>0</b>	<b>\$ -</b>	<b>0</b>	<b>\$ -</b>	<b>0</b>	<b>\$ -</b>	<b>0</b>	<b>\$ -</b>	<b>1</b>	<b>\$ -</b>	<b>1</b>	<b>\$ -</b>
<b>TOTAL LABOR</b>													
			\$ 9,240.00		\$ 10,920.00		\$ 3,980.00		\$ -		\$ -		\$ 24,140.00
<b>TOTAL SUBCONTRACTORS</b>													
			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
<b>TOTAL ODC</b>													
			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
<b>TOTAL FIXED COSTS</b>													
			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
<b>TOTAL LABOR AND EXPENSES</b>													
			\$ 9,240.00		\$ 10,920.00		\$ 3,980.00		\$ -		\$ -		\$ 24,140.00