Agenda Item: <u>3L1</u>

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

| Meeting Date: | November 5, 2019 | (X) Consent () Workshop | ()Regular ()Public Hearing |
|---------------|----------------------|-----------------------------|-------------------------------|
| Department: | Environmental Resour | ces Management | |

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to:

A) approve a Contract for Consulting/Professional Services (Contract) with the University of Florida Board of Trustees for an amount not to exceed \$36,220 providing for statistical analysis and reporting of surface water quality data, beginning on November 1, 2019 and expiring July 31, 2020; and

B) authorize the County Administrator, or designee, to sign all future time extensions, task assignments, certifications, and other forms associated with the Contract, and any necessary minor amendments that do not significantly change the scope of work, terms, or conditions of the Contract.

Summary: The Contract will provide critical statistics to investigate spatial and temporal trends of water quality parameters for the period between May 1, 2009 and April 30, 2019 (10 water years) within the Lake Worth Lagoon (LWL) Watershed. The data will be correlated with flow and rainfall data to better identify the movement of nutrients and other parameters through the watershed prior to discharge into the LWL. The data and analyses will be included to address specific action plans within the ongoing LWL Management Plan update. Contract costs in the amount of \$36,220 are covered through the County Pollution Recovery Trust Fund. <u>Countywide</u> (SS)

Background and Justification: LWL is a unique urban estuary that stretches for over 22 miles north to south between North Palm Beach and Ocean Ridge. LWL ultimately receives freshwater inputs from a watershed greater than 550 square miles in total size that extends from Lake Okeechobee south and east to LWL and includes multiple canals and control structures that regulate the flow of freshwater from Lake Okeechobee and other water control systems within Palm Beach County (County). This research will focus on the C-51 Canal, which serves as the primary discharge of freshwater into LWL, and will supplement data and analyses conducted over the same period for surface water sampling within LWL conducted as part of a long-term agreement between the South Florida Water Management District and the County.

Attachment:

1. Contract

| Recommended by | <u>. Selver Aum</u> | , 10-9-19 |
|----------------|--------------------------------|-----------|
| | Department Director | Date |
| Approved by: | Pal | 10/28/18 |
| | Assistant County Administrator | Date |

II. FISCAL IMPACT ANALYSIS

Α. **Five Year Summary of Fiscal Impact:**

| Fiscal Years | | 2020 | 2021 | 2022 | 2023 | 2024 |
|---------------------------|----------------|-------------------|---------------------|---------------------------|--------------------------|------------|
| Capital Exper | nditures | | | | | |
| Operating Co | sts | <u>36,220</u> | | · | | |
| External Reve | enues | | | | | |
| Program Inco | me (County | () | | | | |
| In-Kind Match | n (County) | | | | | |
| NET FISCAL | IMPACT | <u>36,220</u> | | | | |
| # ADDITION POSITIONS (| |) | | | | |
| Is Item Includ | ed in Curre | nt Budget? | Yes _ | <u>x</u> | No | |
| Does this iten | n include th | e use of fed | eral funds? | Yes | No <u>X</u> | |
| Budget Accou | unt No.: Fu | und <u>1227</u> D | epartment <u>38</u> | <u>30</u> Unit <u>400</u> | <u>8</u> Object <u>3</u> | <u>401</u> |
| | Progr | am | | | | |
| B. F | Recommend | led Sources | of Funds/Su | mmary of Fis | cal Impact: | |
| F | Pollution Reco | overy Trust Fu | nd \$36,2 | 20 | | |
| С. С | Department | Fiscal Revie | | | | |
| - | | S. Mia | y | _ | | |
| | | <u>III. REVI</u> | | NTS | | |
| A. C | OFMB Fisca | I and /or Co | ntract Dev. aı | | • | |

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1619 OFMB 00 10 15 Contract Development and Control (M) 16/16

Legal Sufficiency: Β.

Assistant County Attorney

C. Other Department Review:

Department Director

ATTACHMENT 1

CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES

This Contract is made as of the _____ day of ______, 2019, by and between Palm Beach County, a Political Subdivision of the State of Florida, by and through its Board of Commissioners, hereinafter referred to as the COUNTY, and <u>the University of Florida Board of Trustees</u>, an institution of higher education authorized to do business in the State of Florida, hereinafter referred to as the CONSULTANT, whose Federal I.D. is 59-6002052

In consideration of the mutual promises contained herein, the COUNTY and the CONSULTANT agree as follows:

ARTICLE 1 - SERVICES

The CONSULTANT'S responsibility under this Contract is to provide professional/consultation services in the area of data collection and analysis, as more specifically set forth in the Scope of Work detailed in Exhibit "A".

The COUNTY'S representative/liaison during the performance of this Contract shall be Deborah Drum, Director of Environmental Resources Management, telephone no. (561) 233-2400.

The CONSULTANT'S representative/liaison during the performance of this Contract shall be as specified in Article 26.

ARTICLE 2 - SCHEDULE

The CONSULTANT shall commence services upon execution of this contract by the Board of County Commissioners and complete all services by July 31, 2020.

Reports and other items shall be delivered or completed in accordance with the detailed schedule of payments set forth in Exhibit "B".

ARTICLE 3 - PAYMENTS TO CONSULTANT

- A. The total amount to be paid by the COUNTY under this Contract for all services and materials including, if applicable, "out of pocket" expenses (specified in paragraph C below) shall not exceed a total contract amount of Thirty Six Thousand, Two Hundred and Twenty Dollars (\$36,220.00). The CONSULTANT will bill the COUNTY at the time and in the amounts set forth in Exhibit "B" for services rendered toward the completion of the Scope of Work. Electronic invoices to follow mailed originals shall be sent to: <u>mmitchell@pbcgov.org</u> with a delivery receipt to confirm delivery.
- B. Invoices received from the CONSULTANT pursuant to this Contract will be reviewed and approved by the COUNTY's representative, to verify that services have been rendered in conformity with the Contract. Approved invoices will then be sent to the Finance Department for payment. Invoices will normally be paid within thirty (30) days following the COUNTY representative's approval.

- C. "Out-of-pocket" expenses including, but not limited to, mailing charges, copying fees, telephone charges, and miscellaneous supplies will not be reimbursed under this Contract.
- D. <u>Final Invoice</u>: In order for both parties herein to close their books and records, the CONSULTANT will clearly state <u>"final invoice"</u> on the CONSULTANT'S final/last billing to the COUNTY. This shall constitute CONSULTANT'S certification that all services have been properly performed and all charges and costs have been invoiced to Palm Beach County. Any other charges not properly included on this final invoice are waived by the CONSULTANT.

ARTICLE 4 - TRUTH-IN-NEGOTIATION CERTIFICATE

Signature of this Contract by the CONSULTANT shall also act as the execution of a truth-innegotiation certificate certifying that the wage rates, over-head charges, and other costs used to determine the compensation provided for in this Contract are accurate, complete and current as of the date of the Contract and no higher than those charged the CONSULTANT'S most favored customer for the same or substantially similar service.

The said rates and costs shall be adjusted to exclude any significant sums should the COUNTY determine that the rates and costs were increased due to inaccurate, incomplete or noncurrent wage rates or due to inaccurate representations of fees paid to outside consultants. The COUNTY shall exercise its rights under this Article 4 within three (3) years following final payment.

ARTICLE 5 - TERMINATION

This Contract may be terminated by the CONSULTANT upon sixty (60) days' prior written notice to the COUNTY in the event of substantial failure by the COUNTY to perform in accordance with the terms of this Contract through no fault of the CONSULTANT. It may also be terminated, in whole or in part, by the COUNTY, with cause upon five (5) business days written notice to the CONSULTANT or without cause upon ten (10) business days written notice to the CONSULTANT. Unless the CONSULTANT is in breach of this Contract, the CONSULTANT shall be paid for services rendered to the COUNTY'S satisfaction through the date of termination. After receipt of a Termination Notice, except as otherwise directed by the COUNTY, in writing, the CONSULTANT shall:

- A. Stop work on the date and to the extent specified.
- B. Terminate and settle all orders and subcontracts relating to the performance of the terminated work.
- C. Transfer all work in process, completed work, and other materials related to the terminated work to the COUNTY.
- D. Continue and complete all parts of the work that have not been terminated.

ARTICLE 6 - PERSONNEL

The CONSULTANT represents that it has, or will secure at its own expense, all necessary personnel required to perform the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the COUNTY.

All of the services required hereinunder shall be performed by the CONSULTANT or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under state and local law to perform such services.

Any changes or substitutions in the CONSULTANT'S key personnel, as may be listed in Exhibit "A", must be made known to the COUNTY'S representative and written approval must be granted by the COUNTY's representative before said change or substitution can become effective.

The CONSULTANT warrants that all services shall be performed by skilled and competent personnel to the highest professional standards in the field.

All of the CONSULTANT'S personnel (and all Subcontractors), while on County premises, will comply with all COUNTY requirements governing conduct, safety and security.

ARTICLE 7 - SUBCONTRACTING

The COUNTY reserves the right to accept the use of a subcontractor or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make a determination as to the capability of the subcontractor to perform properly under this Contract. The CONSULTANT is encouraged to seek additional small business enterprises for participation in subcontracting opportunities. If the CONSULTANT uses any subcontractors on this project the following provisions of this Article shall apply:

If a subcontractor fails to perform or make progress, as required by this Contract, and it is necessary to replace the subcontractor to complete the work in a timely fashion, the CONSULTANT shall promptly do so, subject to acceptance of the new subcontractor by the COUNTY.

The Palm Beach County Board of County Commissioners has established a minimum goal for SBE participation of 15% on all County solicitations.

The CONSULTANT agrees to abide by all provisions of the Palm Beach County Code establishing the SBE Program, as amended, and understands that failure to comply with any of the requirements will be considered a breach of contract.

The CONSULTANT understands that each SBE firm utilized on this Contract must be certified by Palm Beach County in order to be counted toward the SBE participation goal.

The CONSULTANT shall provide the COUNTY with a copy of the CONSULTANT's contract with any SBE subcontractor or any other related documentation upon request.

The CONSULTANT understands the requirements to comply with the tasks and proportionate

dollar amounts throughout the term of this Contract as it relates to the use of SBE firms.

The CONSULTANT will only be permitted to replace a certified SBE subcontractor who is unwilling or unable to perform. Such substitutions must be done with another certified SBE in order to maintain the SBE percentages established in this Contract. Requests for substitutions of SBE's must be submitted to the COUNTY's representative and to the Office of Small Business Assistance.

The CONSULTANT shall be required to submit to the COUNTY Schedule 1 (Participation of SBE-M/WBE Contractors) and Schedule 2 (Letter of Intent) to further indicate the specific participation anticipated, where applicable.

The CONSULTANT agrees to maintain all relevant records and information necessary to document compliance with the Palm Beach County Code and will allow the COUNTY to inspect such records.

ARTICLE 8 - FEDERAL AND STATE TAX

The CONSULTANT shall be responsible for payment of its own and its share of its employees' payroll, payroll taxes, and benefits with respect to this contract.

ARTICLE 9 - AVAILABILITY OF FUNDS

The COUNTY'S performance and obligation to pay under this contract for subsequent fiscal years are contingent upon annual appropriations for its purpose by the Board of County Commissioners.

ARTICLE 10 - INSURANCE

A. CONSULTANT participates in the State Risk Management Trust Fund administered by

the Department of Financial Services, Division of Risk Management of the State of Florida, for worker's compensation, general liability and fleet automobile liability insurance. The program provides financial protection for bodily and personal injury and property damage arising from the operations of the University. The combined limits for general liability and fleet automobile liability coverage amount to \$200,000 per person per claim and \$300,000 per occurrence. Nothing herein shall be construed as a waiver of the sovereign immunity of the University of Florida, the State of Florida, and their agents and agencies beyond the waiver provided in Section 768.28, Florida Statutes.

CONSULTANT shall agree to provide the COUNTY with at least ten (10) day prior notice of any cancellation, non-renewal or material change to the insurance coverages. The requirements contained herein, as well as COUNTY'S review or acceptance of insurance maintained by CONSULTANT are not intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by CONSULTANT under the contract.

- B. <u>Waiver of Subrogation</u> CONSULTANT hereby waives any and all rights of Subrogation against the County, its officers, employees and agents for each required policy, except in cases of gross negligence on the part of County, its officers, employees and agents. When required by the insurer, or should a policy condition not permit an insured to enter into a pre-loss agreement to waive subrogation without an endorsement to the policy, then CONSULTANT shall agree to notify the insurer and request the policy be endorsed with a Waiver of Transfer of rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy, which specifically prohibits such an endorsement, or which voids coverage should CONSULTANT enter into such an agreement on a pre-loss basis.
- C. <u>Certificate(s) of Insurance</u> Prior to execution of this Contract, CONSULTANT shall deliver to the COUNTY'S representative as identified in Article 26, a Certificate(s) of Insurance evidencing that all types and amounts of insurance coverages required by this Contract have been obtained or provided under a self-insurance program and are in full force and effect.

ARTICLE 11 - INDEMNIFICATION

Each Party shall be responsible for the negligent acts or omissions of itself and its own employees or agents while acting within the scope of their employment during the term of this Agreement. Neither Party shall be liable for the negligent acts or omissions of the other Party or the other Party's employees or agents. CONSULTANT's liability is provided under Section 768.28, Florida Statutes, and does not extend to COUNTY or other third parties.

To the extent provided under Section 768.28 of the Florida Statutes, the CONSULTANT assumes any and all risks of personal injury and property damage, deprivation, or infringement (including, but not limited to, intellectual property) attributable to the negligent acts or omissions of the CONSULTANT and its officers, employees, servants, and agents while acting within the scope of their employment by the CONSULTANT. Nothing contained herein shall be construed or interpreted as (1) denying to the CONSULTANT any remedy or defense available to it under the laws of the State of Florida; (2) the consent of the CONSULTANT, its affiliates, the Board of Governors, the State of Florida or its officers, employees, servants, agents, agencies, political subdivisions, or public bodies corporate to be sued; (3) a waiver of sovereign immunity of the CONSULTANT, its affiliates, the Board of Governors, the State of Florida or its officers, employees, servants, agents, agencies, political subdivisions, or public bodies corporate beyond the waiver provided in Section 768.28, Florida Statutes; or (4) constituting a hold harmless agreement on the part of the CONSULTANT.

ARTICLE 12 - REMEDIES

This Contract shall be governed by the laws of the State of Florida. Any legal action necessary to enforce the Contract will be held in a court of competent jurisdiction located in Palm Beach County, Florida. No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity, by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.

No provision of this Contract is intended to, or shall be construed to, create any third party beneficiary or to provide any rights to any person or entity not a party to this Contract, including but not limited to any citizen or employees of the COUNTY and/or CONSULTANT.

ARTICLE 13 - CONFLICT OF INTEREST

The CONSULTANT represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance of services required hereunder, as provided for in Chapter 112, Part III, Florida Statutes, and the Palm Beach County Code of Ethics. The CONSULTANT further represents that no person having any such conflict of interest shall be employed for said performance of services.

The CONSULTANT shall promptly notify the COUNTY's representative, in writing, by certified mail, of all potential conflicts of interest of any prospective business association, interest or other circumstance which may influence or appear to influence the CONSULTANT'S judgement or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the CONSULTANT may undertake and request an opinion of the COUNTY as to whether the association, interest or circumstance would, in the opinion of the COUNTY constitute a conflict of interest if entered into by the CONSULTANT. The COUNTY agrees to notify the CONSULTANT of its opinion by certified mail within thirty (30) days of receipt of notification by the CONSULTANT. If, in the opinion of the COUNTY, the prospective business association, interest or circumstance would not constitute a conflict of interest by the CONSULTANT, the COUNTY shall so state in the notification and the CONSULTANT shall, at its option, enter into said association, interest or circumstance and it shall be deemed not in conflict of interest with respect to services provided to the COUNTY by the CONSULTANT under the terms of this Contract.

ARTICLE 14 - EXCUSABLE DELAYS

The CONSULTANT shall not be considered in default by reason of any failure in performance if such failure arises out of causes reasonably beyond the control of the CONSULTANT or its subcontractors and without their fault or negligence. Such causes include, but are not limited to, acts of God, force majeure, natural or public health emergencies, labor disputes, freight embargoes, and abnormally severe and unusual weather conditions.

Upon the CONSULTANT'S request, the COUNTY shall consider the facts and extent of any failure to perform the work and, if the CONSULTANT'S failure to perform was without it or its subcontractors fault or negligence, the Contract Schedule and/or any other affected provision of this Contract shall be revised accordingly, subject to the COUNTY'S rights to change, terminate, or stop any or all of the work at any time.

ARTICLE 15 - ARREARS

The CONSULTANT shall not pledge the COUNTY'S credit or make it a guarantor of payment or surety for any contract, debt, obligation, judgement, lien, or any form of indebtedness. The CONSULTANT further warrants and represents that it has no obligation or indebtedness that would impair its ability to fulfill the terms of this Contract.

ARTICLE 16 - DISCLOSURE AND OWNERSHIP OF DOCUMENTS

The CONSULTANT shall deliver to the COUNTY's representative for approval and acceptance, and before being eligible for final payment of any amounts due, all documents and materials prepared by and for the COUNTY under this Contract.

To the extent allowed by Chapter 119, Florida Statutes, all written and oral information not in the public domain or not previously known, and all information and data obtained, developed, or supplied by the COUNTY or at its expense will be kept confidential by the CONSULTANT and will not be disclosed to any other party, directly or indirectly, without the COUNTY'S prior written consent unless required by a lawful court order. All drawings, maps, sketches, programs, data base, reports and other data developed, or purchased, under this Contract for or at the COUNTY'S expense shall be and remain the COUNTY'S property and may be reproduced and reused at the discretion of the COUNTY.

CONSULTANT reserves to itself and its employees the right to publish the results of the Project in whole or in part as they deem appropriate. In order that the premature public disclosure of such information does not adversely affect the interests of the parties, CONSULTANT shall provide the COUNTY'S representative/liaison with a copy of each manuscript using data and information obtained as a result of this Contract that is intended for publication. The COUNTY may request delay in publication for a period of time determined necessary by the COUNTY. If the COUNTY does not make written request for delay in publication within sixty (60) days after receipt of a manuscript, CONSULTANT shall be free to publish the manuscript at any time at the end of the sixty (60) days. CONSULTANT reserves the right to use the results of this work for educational or research purposes.

All covenants, agreements, representations and warranties made herein, or otherwise made in writing by any party pursuant hereto, including but not limited to any representations made herein relating to disclosure or ownership of documents, shall survive the execution and delivery of this Contract and the consummation of the transactions contemplated hereby.

Notwithstanding any other provision in this Contract, all documents, records, reports and any other

materials produced hereunder shall be subject to disclosure, inspection and audit, pursuant to the Palm Beach County Office of the Inspector General, Palm Beach County Code, Sections 2-421 - 2-440, as amended.

ARTICLE 17 - INDEPENDENT CONTRACTOR RELATIONSHIP

The CONSULTANT is, and shall be, in the performance of all work services and activities under this Contract, an Independent Contractor, and not an employee, agent, or servant of the COUNTY. All persons engaged in any of the work or services performed pursuant to this Contract shall at all times, and in all places, be subject to the CONSULTANT'S sole direction, supervision, and control. The CONSULTANT shall exercise control over the means and manner in which it and its employees perform the work, and in all respects the CONSULTANT'S relationship and the relationship of its employees to the COUNTY shall be that of an Independent Contractor and not as employees or agents of the COUNTY.

The CONSULTANT does not have the power or authority to bind the COUNTY in any promise, agreement or representation.

ARTICLE 18 - CONTINGENT FEES

The CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT to solicit or secure this Contract and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of this Contract.

ARTICLE 19 - ACCESS AND AUDITS

The CONSULTANT shall maintain adequate records to justify all charges, expenses, and costs incurred in estimating and performing the work for at least three (3) years after completion or termination of this Contract. The COUNTY shall have access to such books, records, and documents as required in this section for the purpose of inspection or audit during normal business hours, at the CONSULTANT'S place of business.

Palm Beach County has established the Office of the Inspector General in Palm Beach County Code, Section 2-421 - 2-440, as may be amended. The Inspector General's authority includes but is not limited to the power to review past, present and proposed County contracts, transactions, accounts and records, to require the production of records, and to audit, investigate, monitor, and inspect the activities of the CONSULTANT, its officers, agents, employees, and lobbyists in order to ensure compliance with contract requirements and detect corruption and fraud.

Failure to cooperate with the Inspector General or interfering with or impeding any investigation shall be in violation of Palm Beach County Code, Section 2-421 - 2-440, and punished pursuant to Section 125.69, Florida Statutes, in the same manner as a second degree misdemeanor.

ARTICLE 20 - NONDISCRIMINATION

The COUNTY is committed to assuring equal opportunity in the award of contracts and complies with all laws prohibiting discrimination. Pursuant to Palm Beach County Resolution R2017-1770, as may be amended, the CONSULTANT warrants and represents that throughout the term of the Contract, including any renewals thereof, if applicable, all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, familial status, sexual orientation, gender identity or expression, or genetic information. Failure to meet this requirement shall be considered default of the Contract.

As a condition of entering into this Contract, the CONSULTANT represents and warrants that it will comply with the COUNTY'S Commercial Nondiscrimination Policy as described in Resolution 2017-1770, as amended. As part of such compliance, the CONSULTANT shall not discriminate on the basis of race, color, national origin, religion, ancestry, sex, age, marital status, familial status, sexual orientation, gender identity or expression, disability, or genetic information in the solicitation, selection, hiring or commercial treatment of subcontractors, vendors, suppliers, or commercial customers, nor shall the CONSULTANT retaliate against any person for reporting instances of such discrimination. The CONSULTANT shall provide equal opportunity for subcontractors, vendors and suppliers to participate in all of its public sector and private sector subcontracting and supply opportunities, provided that nothing contained in this clause shall prohibit or limit otherwise lawful efforts to remedy the effects of marketplace discrimination that have occurred or are occurring in the County's relevant marketplace in Palm Beach County. The CONSULTANT understands and agrees that a material violation of this clause shall be considered a material breach of this Contract and may result in termination of this Contract, disqualification or debarment of the company from participating in County contracts, or other sanctions. This clause is not enforceable by or for the benefit of, and creates no obligation to, any third party. CONSULTANT shall include this language in its subcontracts.

ARTICLE 21 - AUTHORITY TO PRACTICE

The CONSULTANT hereby represents and warrants that it has and will continue to maintain all licenses and approvals required to conduct its business, and that it will at all times conduct its business activities in a reputable manner. Proof of such licenses and approvals shall be submitted to the COUNTY's representative upon request.

ARTICLE 22 - SEVERABILITY

If any term or provision of this Contract, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this Contract, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Contract shall be deemed valid and enforceable to the extent permitted by law.

ARTICLE 23- PUBLIC ENTITY CRIMES

As provided in F.S. 287.132-133, by entering into this contract or performing any work in furtherance hereof, the CONSULTANT certifies that it, its affiliates, suppliers, subcontractors and

consultants who will perform hereunder, have not been placed on the convicted vendor list maintained by the State of Florida Department of Management Services within the 36 months immediately preceding the date hereof. This notice is required by F.S. 287.133(3)(a).

ARTICLE 24 - MODIFICATIONS OF WORK

The COUNTY reserves the right to make changes in Scope of Work, including alterations, reductions therein or additions thereto. Upon receipt by the CONSULTANT of the COUNTY'S notification of a contemplated change, the CONSULTANT shall, in writing: (1) provide a detailed estimate for the increase or decrease in cost due to the contemplated change, (2) notify the COUNTY of any estimated change in the completion date, and (3) advise the COUNTY if the contemplated change shall affect the CONSULTANT'S ability to meet the completion dates or schedules of this Contract.

If the COUNTY so instructs in writing, the CONSULTANT shall suspend work on that portion of the Scope of Work affected by a contemplated change, pending the COUNTY'S decision to proceed with the change.

If the COUNTY elects to make the change, the COUNTY shall initiate a Contract Amendment and the CONSULTANT shall not commence work on any such change until such written amendment is signed by the CONSULTANT and approved and executed on behalf of Palm Beach County.

ARTICLE 25 - NOTICE

All notices required in this Contract shall be sent by certified mail, return receipt requested, hand delivery or other delivery service requiring signed acceptance. If sent to the COUNTY, notices shall be addressed to:

Director Department of Environmental Resources Management 2300 North Jog Road, 4th Floor West Palm Beach, FL 33411-2743

With copy to:

Palm Beach County Attorney's Office 301 North Olive Ave. West Palm Beach, Florida 33401

If sent to the CONSULTANT, notices shall be addressed to:

Technical Contact: Dr. Samira Daroub University of Florida IFAS Everglades Research and Education Center 3200 E. Palm Beach Road Belle Glade, FL 33430 Admnistrative Contact: Stephanie Gray, Asst. Vice President Division of Sponsored Programs, UF 207 Grinter Hall PO Box 115500 Gainesville, FL 32611-5500 With copy to:

Brandi Schoenfeld University of Florida IFAS Everglades Research and Education Center 3200 E. Palm Beach Road Belle Glade, FL 33430

ARTICLE 26 - ENTIRETY OF CONTRACTUAL AGREEMENT

The COUNTY and the CONSULTANT agree that this Contract sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. None of the provisions, terms and conditions contained in this Contract may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto in accordance with Article 25- Modifications of Work.

ARTICLE 27 - CRIMINAL HISTORY RECORDS CHECK

The CONSULTANT, CONSULTANT'S employees, subcontractors of CONSULTANT and employees of subcontractors shall comply with Palm Beach County Code, Section 2-371 - 2-377, the Palm Beach County Criminal History Records Check Ordinance ("Ordinance"), for unescorted access to critical facilities ("Critical Facilities") or criminal justice information facilities ("CJI Facilities") as identified in Resolution R-2003-1274, as amended. The CONSULTANT is solely responsible for the financial, schedule, and/or staffing implications of this Ordinance. Further, the CONSULTANT acknowledges that its Contract price includes any and all direct or indirect costs associated with compliance with this Ordinance, except for the applicable FDLE/FBI fees that shall be paid by the COUNTY.

This Contract may include sites and/or buildings which have been designated as either "critical facilities" or "criminal justice information facilities" pursuant to the Ordinance and Resolution R2003-1274, as amended. COUNTY staff representing the COUNTY department will contact the CONSULTANT(S) and provide specific instructions for meeting the requirements of this Ordinance. Individuals passing the background check will be issued a badge. The CONSULTANT shall make every effort to collect the badges of its employees and its subcontractors' employees upon conclusion of the contract and return them to the COUNTY. If the CONSULTANT or its subcontractor(s) terminates an employee who has been issued a badge, the CONSULTANT must notify the COUNTY within two (2) hours. At the time of termination, the CONSULTANT shall retrieve the badge and shall return it to the COUNTY in a timely manner.

The COUNTY reserves the right to suspend the CONSULTANT if the CONSULTANT 1) does not comply with the requirements of County Code Section 2-371 - 2-377, as amended; 2) does not contact the COUNTY regarding a terminated CONSULTANT employee or subcontractor employee within the stated time; or 3) fails to make a good faith effort in attempting to comply with the badge retrieval policy.

ARTICLE 28 - REGULATIONS; LICENSING REQUIREMENTS

The CONSULTANT shall comply with all laws, ordinances and regulations applicable to the services contemplated herein, to include those applicable to conflict of interest and collusion. CONSULTANT is presumed to be familiar with all federal, state and local laws, ordinances, codes and regulations that may in any way affect the services offered.

<u>ARTICLE 29 - SCRUTINIZED COMPANIES (when contract value is greater than \$1 million)</u>

- A. As provided in F.S. 287.135, by entering into this Contract or performing any work in furtherance hereof, the CONSULTANT certifies that it, its affiliates, suppliers, subcontractors and consultants who will perform hereunder, have not been placed on the Scrutinized Companies that boycott Israel List, or is engaged in a boycott of Israel, pursuant to F.S. 215.4725.
- B. When contract value is greater than \$1 million: As provided in F.S. 287.135, by entering into this Contract or performing any work in furtherance hereof, the CONSULTANT certifies that it, its affiliates, suppliers, subcontractors and consultants who will perform hereunder, have not been placed on the Scrutinized Companies With Activities in Sudan List or Scrutinized Companies With Activities in Sudan List created pursuant to F.S. 215.473 or is engaged in business operations in Cuba or Syria.

If the COUNTY determines, using credible information available to the public, that a false certification has been submitted by CONSULTANT, this Contract may be terminated and a civil penalty equal to the greater of \$2 million or twice the amount of this Contract shall be imposed, pursuant to F.S. 287.135. Said certification must also be submitted at the time of Contract renewal, if applicable.

ARTICLE 30 - PUBLIC RECORDS

Notwithstanding anything contained herein, as provided under Section 119.0701, F.S., if the CONSULTANT: (i) provides a service; and (ii) acts on behalf of the COUNTY as provided under Section 119.011(2) F.S., the CONSULTANT shall comply with the requirements of Section 119.0701, Florida Statutes, as it may be amended from time to time. The CONSULTANT is specifically required to:

- A. Keep and maintain public records required by the COUNTY to perform services as provided under this Contract.
- B. Upon request from the COUNTY's Custodian of Public Records, provide the COUNTY with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119 or as otherwise provided by law. The CONSULTANT further agrees that all fees, charges and expenses shall be determined in accordance with Palm

Beach County PPM CW-F-002, Fees Associated with Public Records Requests, as it may be amended or replaced from time to time.

- C. Ensure that public records that are exempt, or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the Contract, if the Consultant does not transfer the records to the public agency.
- D. Upon completion of the Contract the CONSULTANT shall transfer, at no cost to the COUNTY, all public records in possession of the CONSULTANT unless notified by COUNTY's representative/liaison, on behalf of the COUNTY's Custodian of Public Records, to keep and maintain public records required by the COUNTY to perform the service. If the CONSULTANT transfers all public records to the COUNTY upon completion of the Contract, the CONSULTANT shall destroy any duplicate public records that are exempt, or confidential and exempt from public records disclosure requirements. If the CONSULTANT keeps and maintains public records upon completion of the Contract, the CONSULTANT shall meet all applicable requirements for retaining public records. All records stored electronically by the CONSULTANT must be provided to COUNTY, upon request of the COUNTY's Custodian of Public Records, in a format that is compatible with the information technology systems of COUNTY, at no cost to COUNTY.

Failure of the CONSULTANT to comply with the requirements of this article shall be a material breach of this Contract. COUNTY shall have the right to exercise any and all remedies available to it, including but not limited to, the right to terminate for cause. CONSULTANT acknowledges that it has familiarized itself with the requirements of Chapter 119, F.S., and other requirements of state law applicable to public records not specifically set forth herein.

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, PLEASE CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT RECORDS REQUEST, PALM BEACH COUNTY PUBLIC AFFAIRS DEPARTMENT, 301 N. OLIVE AVENUE, WEST PALM BEACH, FL 33401, BY E-MAIL AT <u>RECORDSREQUEST@PBCGOV.ORG</u> OR BY TELEPHONE AT 561-355-6680.

Attachments:

Exhibit A: Scope of Work Exhibit B: Schedule of Payments

Remainder of page intentionally left blank.

IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida has made and executed this Contract on behalf of the COUNTY and CONSULTANT has hereunto set its hand the day and year above written.

ATTEST: SHARON R. BOCK CLERK AND COMPTROLLER

By:_

Deputy Clerk

WITNESS: Signature

Joni Hubbard Name (type or print) Cherry Hadted Signature

<u>Christine Hadad</u> Name (type or print)

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

By

Assistant County Attorney

APPROVED AS TO TERMS AND CONDITIONS

Dellord By.

Deborah Drum, Director / Department of Environmental Resources Management

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS:

By:

Mack Bernard, Mayor

CONSULTANT:

University of Florida Board of Trustees

Amber Hardie Sponsored Programs Manager

(corporate seal) [OR] (not-for-profit corporate seal)

EXHIBIT A

Scope of Work

Lake Worth Lagoon-C51 canal

PI: Dr. Samira Daroub, Professor, UF IFAS Everglades Research and Education Center, 3200 E. Palm Beach Rd. Belle Glade, FL 33430; phone (561) 993-1593, <u>sdaroub@ufl.edu</u>

Introduction

Lake Worth Lagoon is a distinctive feature of Palm Beach County. It serves as an urban estuary and provides a variety of environmental services to South Florida's population. Freshwater inflows from regional canals have been identified by the Lake Worth Lagoon Management Plan as one of the main stressors affecting the health of the lagoon. These inflows can result in salinity fluctuations and can carry with them excess nutrients and suspended solids to the lagoon, harming the health of the estuarine system. There are three major freshwater inflows that discharge into Lake Worth Lagoon via canals (C-17, C-51, and C-16 canals). The C-51 canal discharges into the central portion of the lagoon and accounts for more than 60% of the freshwater inflows to the lagoon (Lake Worth Management Plan, 2013). The C-51 canal receives water from the Lake Okeechobee and the Everglades Agricultural Area through the L-10/L-12 and the L-8 canals. Inflows into the C-51 canal are dominated by Lake Okeechobee discharges at its north-west section, agricultural runoff at its center section and by urban runoff at its easternmost section. Determining spatial and temporal trends in water quality parameters in inflow waters coming through the C-51 canal into Lake Worth Lagoon will provide information that can be used to formulate management plans that ensure the preservation and environmental health of the lagoon.

Goal

The main purpose of this research is to investigate spatial and temporal trends for the period between May 1st 2009 and April 30th 2019 (10 water years) in water quality parameters in the C-51 canal and relate these with flow and rainfall using data from the DBHYDRO database that compiles data collected from the South Florida Water Management District (SFWMD) and Palm Beach County. This research will supplement data and analyses conducted for surface water sampling within Lake Worth Lagoon conducted as part of a long-term agreement between SFWMD and Palm Beach County.

Objectives

Determine differences in water quality parameters between sections (west, middle, east) of the C-51 canal. Determine changes in the studied parameters through time for the west, middle, and east sections of the C-51 canal.

Investigate relationships between rainfall, flow data, and the studied parameters.

Methods

Data collection:

Water quality parameters (TP, TN, TKN, NO₃, NO₂, orthophosphate, turbidity, and TSS) as well as rainfall and flow data will be obtained from the DBHYDRO database of the SFWMD (evaluated parameters might change depending on data availability). Stations located along the C-51 canal will be identified and available data will be determined for the studied period. By-weekly data will be converted into monthly data to perform the comparisons and statistical analyses. Stations will be assigned to the three sections of the canal in the following way:

West section: stations located in the vicinity of Lake Okeechobee at the west end of the L-10 and L-8 canals (stations S-352 and C-10A).

Middle section: stations located between the west section and the S-5A station and east of stations S-352 and C-10A (station S-5AE).

East section: stations located east of the S5A station and west of Lake Worth Lagoon (station S-155).

Statistical analyses:

We propose the following analyses, but we will be considering additional analyses as needed. Summary statistics of parameters will be conducted to assess differences between canal sections. Box and whisker plots will be used to display visual summaries. To perform comparisons of parameters between sections of the canal an ANOVA will be used. Correlation analysis will be used to establish relationships between rainfall, flow data, and various water quality parameters. To determine temporal changes, trend analysis using the nonparametric Mann-Kendall test (Gilbert, 1987 and McBride, 2005) will be used to determine tendencies occurring within each of the sections of the C-51 canal. Statistics will be performed using SAS. The IFAS statistical consulting service will be consulted to assist in statistical analyses as needed.

Tentative timeline

Data collection/processing (November 5, 2019 – November 30th, 2019)

Data analyses/statistics and summary (December 1st, 2019 – February 31st, 2020)

Report writing (March 1st, 2020 – June 1st, 2020)

Final revisions for submitted report: July 31, 2020

Budget

Requested total budget is \$ 36,220.

The budget includes salaries and fringe benefits for one Research Associate at 15% time and one postdoctoral associate (30% time) for 9 months (Nov. 5, 2019- July 31, 2020). Fringe is at 26.8 % for research associate and 12.1 % for postdoctoral associate.

UF IFAS budget details- Lake Worth Lagoon project

| | | n a kan isa i | Salaries | Fringe and benefits | Sum |
|-----------------------------|--|---|---------------------------|---------------------|----------|
| Salaries | | | | | , |
| | Timothy Lang - Research Associate (Nov . 5, | · · · · | | | |
| Research and Education, pHD | 2019- July 31, 2020) 9 months | \$ 8922.1 / month 0.15 FTE | \$12,045 | \$3,228 | \$15,273 |
| | Postdoctoral research associate Nov. 5, 2019 | 4 · · · · · · · · · · · · · · · · · · · | and an an and a strain of | e e en en en e | |
| Research and Education, pHD | July 31, 2020) 9 months | \$5833/ month 0.30 FTE | \$15,749 | \$1,906 | \$17,655 |
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| Sum salaries and tuition | | | | · · · · · · · | \$32,928 |
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| Direct cost | and and a second se | | | | \$32,928 |
| Indirect cost | an a | IDC @10 | % | | \$3,293 |
| | | | | | |
| Total Cost | | | | | \$36,220 |

References

Gilbert, R. O. 1987. Statistical methods for environmental monitoring. John Wiley & Sons, New York.

Lake Worth Management Plan (2013). Lake Worth Lagoon Initiative. Available at: <u>https://www.floridamuseum.ufl.edu/wp-content/uploads/sites/51/2017/04/Lake-Worth-Management-Plan-2013.pdf</u>

McBride, G. B. 2005. Using statistical methods for water quality management, issues, problems and solutions. John Wiley & Sons, New York.

SAS Institute, 2015. Version 9.4. SAS Inst., Cary, NC.

EXHIBIT "B"

SCHEDULE OF PAYMENTS

The Scope of Work to be completed by CONSULTANT as defined in Exhibit "A" consists of specific completion phases which shall be clearly identified on a phase-by-phase basis upon submission to the COUNTY of certain "deliverables"* as expressly indicated below. Compensation for the work tasks stated herein shall be in accordance with the following Schedule of Payments:

Invoice #1

Task(s) to be completed: Data download, analysis and statistics. Completion Time: February 29, 2020 Compensation for Invoice 1: \$16,098 Deliverable(s) Required: Interim Report with summary of data analysis

Invoice #2

Task(s) to be completed: Data analysis, statistics and graphical summary. Completion Time: July 31, 2020 Compensation for Invoice 1: \$20,122 Deliverable(s) Required: Final Report. Draft report to be provided for County review thirty (30) days prior to submission of Final Report.