

**AMENDMENT NUMBER 1
TO AGREEMENT FOR PROFESSIONAL SERVICES
PLANTATION WATER TREATMENT PLANT DESIGN PROJECT**

THIS AMENDMENT TO THE AGREEMENT is made as of the 14TH day of OCTOBER in the year 2013, between **THE CITY OF LEESBURG, FLORIDA**, a Florida Municipal Corporation, whose address is 501 West Meadow Street, Post Office Box 490630, Leesburg, Florida 34749-0630 (hereinafter referred to as the "CITY"), and **BOOTH, ERN, STRAUGHAN AND HIOTT, INC.** whose address is 350 North Sinclair Avenue, Tavares Florida 32778 (hereinafter referred to as the "PROFESSIONAL").

WITNESSTH:

WHEREAS, on March 11, 2013, the CITY and PROFESSIONAL entered into an Agreement for professional engineering services on the Plantation water treatment plant design project (hereinafter referred to as the "Agreement"). The Agreement is referenced herein as though set forth in full text.

WHEREAS, the CITY and the PROFESSIONAL desire to enter into Amendment 1 to the original Agreement.

NOW THEREFORE, for and in consideration of the mutual covenants and promises contained in this Amendment 1, the CITY and the PROFESSIONAL do hereby agree as set forth below:

1. The above recitals are true and correct and are incorporated herein.
2. The Parties agree to the scope of work and budget pursuant to the terms and conditions set forth in **ATTACHMENT "A"**.
3. The not to exceed costs for the Scope of Services covered by this Amendment as detailed in **ATTACHMENT "A"** total \$7,700.00 for the addition of task 8 providing environmental study services.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment 1 on the respective dates under each signature.

BOOTH, ERN, STRAUGHAN AND HIOTT, INC. THE CITY OF LEESBURG, FLORIDA

By: 

By: _____
Mayor

Printed: ROBERT ERN

Attest: _____
City Clerk

Its: VICE-PRESIDENT
(Title)

Date: 9-10-13

Date: _____

ATTACHMENT “A”

Plantation Water Treatment Plant Design Project

TASK 008 ENVIRONMENTAL SERVICES

A. WETLAND REVIEW

BESH or its sub-consultant will identify and delineate the jurisdictional limits of the wetland identified on the attached aerial map. Jurisdictional limits will be determined via State wetland criteria pursuant to Ch. 62-340, F.A.C. The wetland and/or surface water boundaries will be delineated in the field with flagging tape and/or pin flags. Following the field delineation, an aerial photograph illustrating the approximate location of the wetland line marked in the field will be provided with a results letter.

This task includes the above described field work, results letter, and aerial map with approximated wetland limits. It does not include agency verifications of wetland lines or formal jurisdictional wetland determinations. Agency verifications are typically provided following an ERP application submittal and can be provided as time and material or under separate contract. Any wetland line changes associated with the agency verification would need to be adjusted on the wetland survey.

B. ENVIRONMENTAL ASSESSMENT (RESEARCH AND FIELD ASSESSMENT)

BESH or its sub-consultant will conduct an environmental assessment (EA) utilizing available desktop support data, such as infrared and recent aerial imagery and natural resources topography, flood and soils information as provided by the USGS, FEMA, and NRCS, respectively. A field visit shall be conducted to assess and map land use and cover types per the Florida Land Use, Cover, and Forms Classification System (FLUCFCS), and to perform a preliminary survey for the occurrence and potential for occurrence of state and federal listed species. A review of available listed species databases will also be conducted prior to the field visit to identify previously documented or potentially occurring listed species. Land use and cover type designations and associated descriptions, a map of FLUCFCS locations and approximate boundaries, and the results of the field and database reviews for listed species, will be incorporated into Task 008(C). This task does not include species specific surveys or permitting for state and federal listed species.

No report will be generated in association with this task, as the results of this task will be incorporated in the deliverable for Task 008(C).

C. ERP SUPPORT (REGULATORY SUPPORT DOCUMENT)

BESH or its sub-consultant scientists will prepare a narrative report for inclusion with the ERP application to be submitted by the project engineer to the SJRWMD in support of an ERP application. Said report will address the requisite environmental issues as they relate to land uses and physical conditions of the development site, listed species, and wetlands. A map series including location, NRCS soils, USGS topography, FEMA flood zone, land use, wetland ID, and wetland impact map will be included with the report.

This task assumes impacts to the jurisdictional wetland identified on the attached aerial which is under an existing Conservation Easement (CE). As such, an amendment or release of this CE will be necessary. The assessment of wetland impacts will include the area being released from the CE as well as the newly proposed impact area, both of which will require mitigation. It is important to note that additional mitigation for the CE area being released or amended above and beyond the loss determined using the Uniform Mitigation Assessment Method (UMAM) may be required. Such requirements are typically on a case by case basis and often dependent on the permit reviewer.

Assessment of functional losses utilizing UMAM for the wetland impacts is included with this task.

Mitigation options include the use of a mitigation bank or on or off site mitigation involving creation, restoration, enhancement and/or preservation. The use of a mitigation bank is an option as the project area is serviced by two mitigation banks, Lake Louisa and Hammock Lake. The use of on or off site mitigation would require additional field work to delineate and assess the functional value of proposed mitigation areas, which is not included in the current scope of services.

This task includes preparation of a request for the CE release associated with the subject wetland, and coordination with SJRWMD for alternate mitigation in the form of mitigation bank credits. Should the client choose to research and pursue other options, the scope and fee will be amended to reflect the additional level of effort required.

The timeframe for completion of Task 008(C) is based on receipt of a finalized site plan with the surveyed wetland line. The scope defined herein does not include responses to agency request for additional information or federal permit applications.

TOTAL FEE: \$7,700.00