CONSULTING ENGINEERING AGREEMENT
INDIVIDUAL PROJECT ORDER NUMBER _____

Engineering Services for Design and Permitting of the Relocated WRA "D" (Sandalwood Pond)
Development of Final Plans and Specifications for Bidding and Construction
CR 468 2 to 4-lane Project

This contract describes a specific agreement between Springstead Engineering, Inc. (the "ENGINEER" or "CONSULTANT"), and the Board of County Commissioners of Sumter County, Florida (the "BOARD) in accordance with the Consultant Engineering Agreement dated March 28, 2008, which is incorporated herein by reference. The purpose of this Task Assignment is to provide Engineering Services for the design and permitting of the revised WRA "D" on the west side of CR 468 (Sandalwood Pond) and development of final plans and specifications for bidding and construction.

PROJECT UNDERSTANDING

The CONSULTANT shall provide Engineering design and consulting services for the design and permitting of a relocated WRA "D" onto property adjacent to Sandalwood Condominiums. The pond will be designed to be incorporated into the existing roadway design plans for the 4-laning of CR 468. Work involved consists of preliminary design, geotechnical exploration and testing for soil and groundwater properties, threatened and endangered species survey, environmental review of wetland line, survey of land and easements, computer modeling and design of the stormwater system and pond in Basin D, and final design and permitting of the pond through SWFWMD, including responses to comments.

Geotechnical exploration and engineering will be performed by Central Testing Laboratory.
Surveying will be performed by Wiley Surveying and Mapping, Inc.
Environmental surveys and consulting will be performed by Modica and Associates, Inc.

Also included in this task order, the final permitted plans will be readied for bidding and construction. Technical specifications will be prepared to include with the bidding documents. These plans and specifications will provide the specific information and details to control the construction of the roadway.

In addition, engineering and surveying required to finalize the proposed route of the Progress Energy easement relocation including maps and sketch and descriptions.

SCOPE OF SERVICES

The CONSULTANT'S services shall include:

a. Preliminary design of the proposed pond to determine the area where the exploration and environmental and land survey information is needed.

b. Geotechnical exploration to determine the physical properties of the soils and the water table information in the area of the pond. The final product will be a report of finding. The report and data will be used in the modeling of the pond and pond design.

c. Environmental review and flagging of the wetland line to the south of the proposed pond to preclude impacting wetland areas; meeting with SWFWMD and ACOE staff to verify staked lines; performance of threatened and endangered species survey for the proposed pond area. The final product will be a report stating the findings and recommendations of the T & E survey.

d. Land Survey including locating the flagged wetland line and a topographic survey of the land for use in pond design. Final product will be a topographic survey and wetland line location information to be incorporated in the permitting and final plans.

e. Engineering design to include the design of the pond to accept the runoff from the roadway basin; design for any flood compensation pond due to flood plain impacts in the basin; modeling of the stormwater conveyance and pond system for design of the pond and for validation of design during the permitting process; Application for modification of the ERP permit and response to comments from SWFWMD to obtain permit to include pond in the

overall C468 4-laning designed ERP. Final product will be the modified ERP from SWFWMD and ACOE (if necessary) to permit the construction of the 4-lane roadway and drainage system.

f. Upon completion of the permitting, the consultant will prepare the final set of project specifications and design plans, cross sections and details for the bidding and construction of the CR 468 project from the Turnpike to the existing 4-Lane section which ties in to SR 44.

g. The work includes obtaining the final Progress Energy construction permit for the construction crossings, and handling and coordinating the flow of information and paperwork coordination, preparation of maps and legal descriptions/documentation necessary to obtain the easements between the County and Progress Energy.

SCHEDULE AND CONSTRAINTS

The time needed to complete this work will take 8-10 weeks to collect the design and survey data, perform the modeling and design, and develop the application materials to submit to SWFWMD. Response to comments should take from 2 to 3 months from receipt of comments depending upon the level of scrutiny performed by SWFWMD reviewer.

The time needed to complete the production of the final plans and specifications and construction documents for bidding and construction will take 2 to 3 weeks to complete upon issuance of the ERP modification of permit.

FEE

The ENGINEER will perform the services described in work items a through e for a maximum not to exceed amount of $34,505.

The ENGINEER will perform the services described in work item f for a maximum not to exceed amount of $9,780.

The ENGINEER will perform the services presented in work item g for a maximum not to exceed cost of $9,840.00.

Reimbursable costs for printing of plans and specifications, postage, mileage, etc., are estimated to be $2,500.

Fees and expenses will be invoiced monthly based, as applicable, upon the percentage of services performed. If additional efforts become necessary during the performance of the assignment, the ENGINEER will immediately advise the BOARD of any budget revision.

ACCEPTED:

BOARD OF COUNTY COMMISSIONERS OF SUMTER COUNTY, FLORIDA	SPRINGSTEAD ENGINEERING, INC.
BY: _____	BY: _____ David W. Springstead, P.E.
TITLE: _____	TITLE: President
DATE: _____	DATE: 10/23/12