



CONTRACT# ENG/220321

CITY OF OCALA

CONTINUING PROFESSIONAL SERVICES

CONTRACT WORK ORDER

WORK ORDER NUMBER # 2EFFECTIVE DATE: 01/18/2023Contract Manager
Approval/Initials**Project Title:** SE Watula Ave and SE Broadway Street FEMA RAI
Response

To: *Black & Veatch Corporation*
201 South Orange Avenue
Suite 500
Orlando, FL 32801

Attn: *Mr. Sam Miller, PE*

FUNDING SOURCE: Professional Services

EXPENDITURE
ACCOUNT NUMBER:

158-020-430-538-53-31010

In accordance with ROQ 11-004 your executed City Council Agreement, you are hereby authorized to commence the work outlined in the attached scope of work. The approved work order amount as a maximum limiting amount shall not to exceed \$ 40,799.00.

Requested By:

Department Director

Date:

1/18/23

Approved By:

Council President/City Manager
Asst.

Date:

1-20-23

TASK ORDER NO. 2 TO THE AGREEMENT ENG/220321 SCOPE OF SERVICES

Owner: City of Ocala, Florida
Engineer: Black & Veatch Corporation
Project: Lake Tusawilla permit modification

BACKGROUND

The City has an alum treatment process that is approved for 27.24 acres of impervious area capacity but has not been in service. Recently the City of Ocala (City) has installed multiple treatment boxes with the Tusawilla Basin that have reduced the need for the alum process. The City would like to remove the alum process from the St. Jon's River Water Management District (SJRWMD) Environmental Resource Permit (ERP) number 4-083-1634.

The City has requested Black & Veatch (Consultant) to provide engineering services to support preparation of an ERP modification and corresponding RAI Response.

Scope of Services

The Scope of Services, by Task, included under this Amendment is summarized below. All SJRWMD fees will be paid by the City and are not included in this scope and fee estimate.

Task 1 – Project Kick Off Meeting and Data Collection

Consultant will schedule and conduct one (1) project kickoff meeting. Attendees will include the Consultant's Project Manager, Project Engineer and the City's Project Manager and other key City staff. The goal of the meeting will be to confirm project goals, roles, and responsibilities, and to review the scope of services and schedule to ensure mutual understanding and enhance collaboration among project stakeholders and participants.

This task will be billed on a lump sum basis. Consultant will prepare a project data request for the City that will be discussed during the Kick-Off Meeting. The data request will include drawings, stormwater models, available water quality data, GIS, and other necessary information.

Task 2 – Environmental Resource Permit (ERP) Package Preparation

The Consultant will review the previously developed model for the Lake Tusawilla Basin and update the model to ICPR4.0 to confirm that the treatment boxes provide sufficient capacity to replace the alum treatment process. The Consultant will also prepare a technical brief documenting the updates to the model to ensure water quality capacity is met. The Consultant will then prepare a draft ERP package documenting the findings. Package preparation may also include analysis of treatment box performance data provided by the City and review of the City's treatment box maintenance plan. All materials developed for the ERP will be made available to City staff for review and approval prior to submittal, and all materials, data and model data sets will be provided to the City in digital and or/ paper copy, as appropriate. The Consultant will anticipate two (2) weeks for City review and two (2) weeks to address City comments as part of the schedule. The Consultant will hold a Task 2 workshop to discuss the ERP package and coordinate with the City on initial comments.

This task will be billed on a lump sum basis. The Consultant will work with the City to submit the revised ERP documentation online.

Task 3 –RAI Response Support

In the event of a request for additional information (RAI) from SJRWMD, the consultant will provide additional support as needed to respond to one RAI at request of the City. The supplemental support may include refining model information, updating tables, review of other local models, and other various tasks. This effort does not include field visits, full basin study, survey effort, or development of operation plan. This task assumes that the updated model will be sufficient to complete the ERP. All materials developed for the RAI will be made available to City staff for review and approval prior to submittal, and all materials, data and model data sets will be provided to the City in digital and or/ paper copy, as appropriate. The Consultant will anticipate two (2) weeks for City review and two (2) weeks to address City comments as part of the schedule. Because the exact scope of this task is currently unknown, the time under this task will be billed on a time & material basis until the allocated budget is spent.

Project Schedule (Based on Calendar Days from NTP)

Description	Calendar Days Elapsed from Notice to Proceed
Task 1 – Project Kick Off Meeting and Data Collection	14
Task 2 – Environmental Resource Permit (ERP) Package Preparation	45
Task 3 – RAI Response Support	165

Attachments:

Attachment A – Fee Worksheet

Attachment B – Fully Executed Agreement

OCALA - Task Order No.2

Lake Tuscaawilla permit modification

Attachment A

BUDGET CALCULATIONS

January 4, 2023

DESCRIPTION

	Project Manager III	Senior Engineer I	Engineer II	Senior Accountant	Engineer 2	Engineer 1	Accountant	Clerical	Project Expenses	Total
	\$303.38	\$288.32	\$176.00	\$148.25	\$148.98	\$125.61	\$128.27	\$105.50		Labor
	3.39	3.53	3.41	2.65	3.32	3.27	2.93	3.75		
Task 1 - Project Kick Off Meeting and Data Collection	4	6	6	2		8	2	2	250	5,648
Task 2 - Environmental Resource Permit (ERP) Package Preparation	6	10	28	2	50	50	2	2	150	23,925
Task 3 - RAI Response Support	4	8	12	2	20	16	2	2		11,225
	14	24	46	6	70	74	6	6		246
hours labor	\$4,247	\$6,440	\$8,096	\$890	\$10,429	\$9,295	\$770	\$533		\$40,799