



## DEPARTMENT OF PURCHASING AND CONTRACTS

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### AMENDMENT NO. TWO (2)

TO  
CONTRACT No. 22-RG0013/PH  
FOR

### ENGINEERING SERVICES FOR WATER, WASTEWATER AND RECLAIMED WATER – GRANT RELATED PROJECTS

The following changes, additions and/or deletions are hereby made a part of the Contract Documents for the **CONTRACT No. 22-RG0013/PH – ENGINEERING SERVICES FOR WATER, WASTEWATER AND RECLAIMED WATER – GRANT RELATED PROJECTS**, as fully and completely as if the same were fully set forth therein:

1. Construction Administration Services as per the attached Scope of Service and Fee Schedules.

#### ADD: ADDITIONAL SERVICES

ITEM NO.	DESCRIPTION	TOTAL
1	Professional Engineering Services for the South Brooksville Stormwater Master Drainage Plan Update	\$46,321.00

2. All other terms and conditions shall remain the same.

MCKIM & CREED, INC.

  
Authorized Signature  
Tracy L Webb


Date

01/02/2024

BOARD OF COUNTY COMMISSIONERS  
HERNANDO COUNTY

\_\_\_\_\_  
Elizabeth Narverud, Chair  
Hernando County Board of County Commissioners  
Hernando County, Florida

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY:

By:   
County Attorney's Office

**Exhibit A**  
**Hernando County**  
**Contract #22-RG0013/PH - Amendment No. 1 – Task Order No. 2**  
**South Brooksville Stormwater Master Drainage Plan Update**  
**Scope of Services**  
**McKim & Creed, Inc.**  
**December 11, 2023**

Hernando County (County) has requested McKim & Creed, Inc. (M&C) provide professional services to identify and evaluate additional Best Management Practice (BMP) stormwater improvement options in the South Brooksville area in an effort to maximize benefit. This work shall expand upon the South Brooksville Stormwater Master Drainage Plan Update dated June 16, 2023. The County's goal is to identify projects that will reduce flooding of Federal Housing Administration (FHA) residential areas. The Project will consist of modelling, concept plan development and benefit-cost analysis (BCA) to evaluate three (3) additional alternatives. Alternatives are to include the following specific areas and improvement considerations:

1. Alternate conveyance/storage through parcels 357456, 476407 and 1580541, including crossings of Cortez Blvd and Emerson Road, if necessary
2. Alternatives will include previously identified BMP 2A pond and conveyance improvements. The proposed northeast pond of BMP 2A, identified as Pond 2B in updated Master Plan, shall not be included in future evaluation. Pond 2B has been removed from consideration due to community expressed concerns and other considerations.
3. Conveyance improvements between Dr Martin Luther King Jr Blvd and Cortez Blvd are to be considered. Per a scoping meeting held on December 11, 2023, the following specific improvements considerations shall be incorporated.
  - a. The County is working to acquire easements along the previously identified BMP 3 improvement corridor. Model shall reflect a standard open channel section. Culvert crossing improvements may be considered. Box culvert option of BMP 3 not to be included in this additional analysis.
  - b. Previously identified BMP 12 may be included if analysis shows benefit.
  - c. Previously identified BMP 10 shall not be included as it was to flow to Pond 2B.

Based on the County's provided and other publicly available information, M&C will provide the County with consulting services comprised of the following tasks:

**SCOPE OF SERVICES**

Task 1 – Project Management and Administration  
Task 2 – Stormwater Master Plan Updates

The Scope of Services is further defined and described in the following tasks:

### **Task 1 – Project Management and Administration**

Task includes project management, kickoff meeting, County coordination meetings, quality control coordination and administration that will be performed. Work associated with this task includes the following:

1. Project set-up
2. Monthly invoicing and status reports
3. Client Meetings.
  - a. Project kickoff meeting: Schedule and attend a kickoff meeting with the County
  - b. Coordination and submittal review meetings (3 maximum)
    - Conceptual Review. BMPs considered for final evaluation and development based on model results.
    - Preliminary Review. County comment review of draft plan update technical memorandum (TM) & conceptual plans
    - Final Review. County review comment discussion of final deliverables.
4. Quality Assurance/ Quality Control (QA/QC)

### **Task 2 – Stormwater Master Plan Updates**

The M&C will provide professional services for the following aspects of the Project:

- Stormwater Management Plan Amendment
  - Conceptual Plans for BMPs
1. **Available Information:** Review information provided by Others, Authorities Having Jurisdiction (AHJs), and information publicly available for Parcels 476407 and Parcel 1580541.

Deliverable. None. Information to be incorporated into analysis.

#### **2. Model Updates.**

The Engineer will modify the existing conditions (with constructed BMPs) South Brooksville Stormwater Master Drainage Model, prepared in June 2023 (Previous Study). Model will be updated to include a modified configuration of BMP 2AB, eliminating the BMP2B portion (on northside of the channel). Additionally, the Engineer will review additional parcels (357456, 476407 and 1580541) for potential BMP conveyance or storage improvement options. Up to three alternative configurations will be reviewed.

The Engineer will review conveyance improvements from Cortez Blvd to Dr Martin Luther King Jr Blvd. These improvements will focus on culvert improvements and limited channelization. Drainage improvements north of the channel along Josephine St, Leonard St, Twigg St, School St, and St. Francis St, will not be considered.

Deliverable: Revised ICPRv4 Models

### **3. Drainage Memorandum**

The Engineer will prepare a memorandum summarizing the changes to the ICPRv4 models from the Previous Study, comparative results, and GIS maps with results. After meeting with the County to discuss the results and draft memorandum the Engineer will prepare a final memorandum responding to comments from the County.

**Deliverable:** Draft Memorandum, Final Memorandum

### **4. Conceptual Plans. Develop Conceptual Plans for BMP Modifications or new BMPs**

The Engineer will prepare conceptual plan of proposed BMPs or previous BMP modifications. These plans will be based on existing publicly available GIS and LiDAR data.

**Deliverable:** Conceptual Plans (to be included in memorandum)

### **5. Benefit to Cost Analysis**

The Engineer will perform Benefit-to-Cost Analysis for final configurations which appear to meet regulatory requirements. The BCR calculations will be based on previous study. Engineer's Opinion of Probable Construction Cost (Level 4) will be developed for each of the Alternatives in the selected for final evaluation.

**Deliverable:** SWFWMD BCR Spreadsheets

### **Other Information**

Any services not reflected in the Scope of Services section of this Agreement, including but not limited to the following, are not included in this Work Order. M&C may elect to provide or coordinate these services, if requested, but they will be considered additional services. These additional services can be performed as mutually agreed upon by the County and M&C and documented by a written addendum to this Work Order. They are as follows:

- Survey Services (boundary, topo, tree, construction staking etc.) other than those specified above
- Easement Exhibits/Plants, etc. other than those specified above
- Subsurface utility locating services
- Geotechnical Investigations (of any kind)
- Environmental Services (of any kind, for example wetland delineation and wildlife surveys)
- FEMA Letters of Map Revision
- Revised Stormwater Management Plan

### **STAFFING – KEY PROJECT TEAM MEMBERS**

Senior Project Manager  
Lead Engineer  
Project Engineer  
Principal QA/QC Officer

Tracey Webb, PE  
Colin Miller, PE  
Regina Brachna, EI  
Tracey Webb, PE

## SCHEDULE

This schedule is based on several tasks being performed concurrently. A project schedule will be submitted to the County following written authorization.

<u>Description</u>	<u>Time Following Authorization</u>
Notice to Proceed (NTP)	0 days
Option Evaluation/Model Results	30 days
Draft Memo with Conceptual Plans*	60 days
Final Memo with Conceptual Plans*	90 days

\*Schedule is based on a maximum of 14-day County review period for previous submittal.

## FEES

The Work described herein will be performed on a Lump Sum basis. Monthly invoicing will be based on percent complete to date for each task. Scope of Work for the Tasks described herein will be performed for the Lump Sum Fee Amounts as shown below and as identified in **Exhibit B**:

TASK	TASK DESCRIPTION	TOTAL
1	Project Management and Administration	\$12,984.00
2	Stormwater Management Plan Update	\$32,777.00
	Out-of-Pocket Expenses	\$560.00
	<b>TOTAL FEES</b>	<b>\$46,321.00</b>