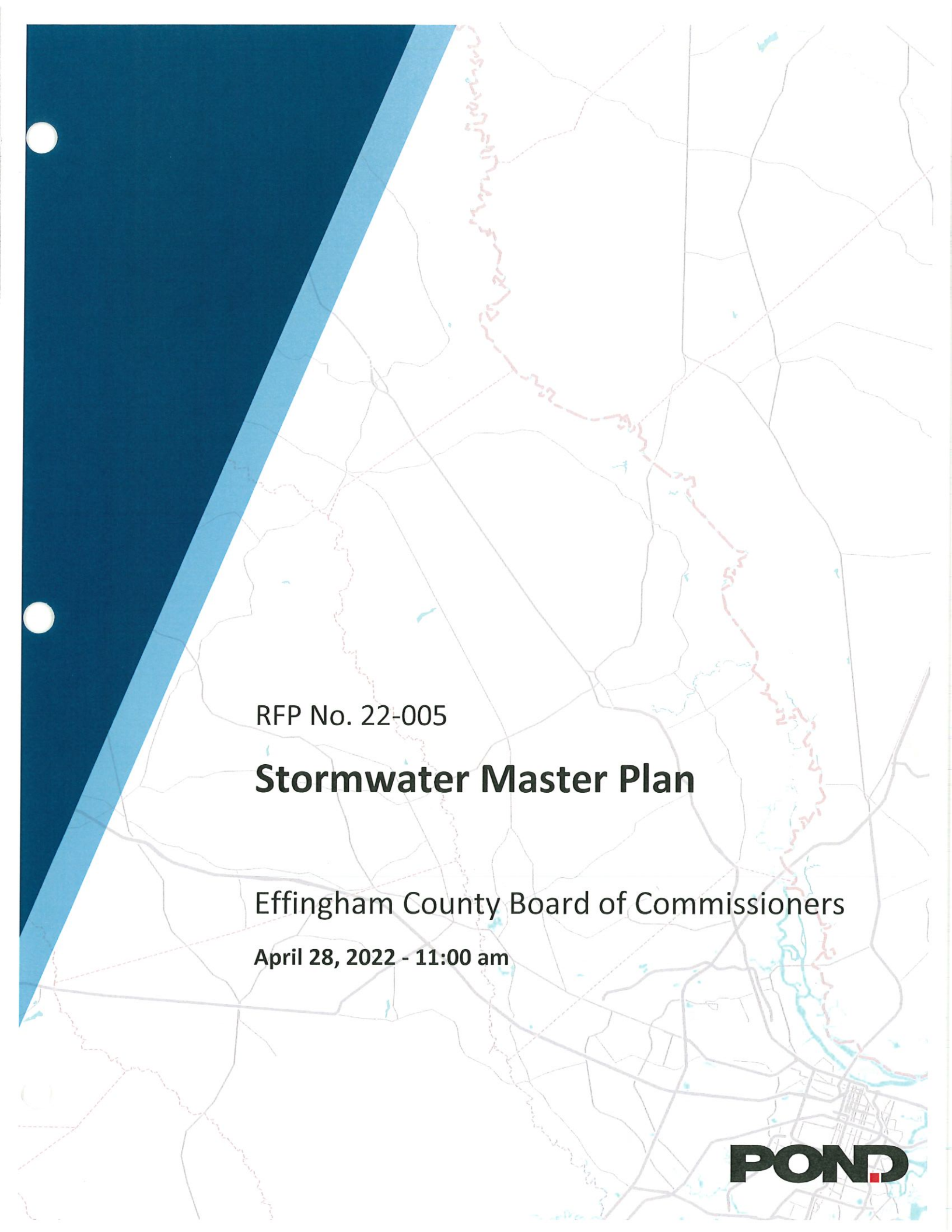


RFP No. 22-005

# Stormwater Master Plan

Effingham County Board of Commissioners

April 28, 2022 - 11:00 am



RFP No. 22-005

# Stormwater Master Plan

Effingham County Board of Commissioners

April 28, 2022 - 11:00 am



49 Park of Commerce Way, Suite 203 T: 912.228.3611  
Savannah, Georgia 31405 www.pondco.com

April 28, 2022

Effingham County Purchasing Department  
Attn: Alison Bruton, Purchasing Agent  
804 S Laurel Street  
Springfield, Georgia 31329

RE: Stormwater Master Plan | RFP No. 22-005

Dear Ms. Bruton and Members of the Selection Committee:

We are pleased to submit our proposal to Effingham County for the Stormwater Master Plan. Our specialized experience provides the County a professional engineering firm with a proven track record and over 56 years of municipal on-call experience. Pond is the best value, best suited, and best technical team for this important project and it is our sincere desire to be a valuable partner to Effingham County for this work. Pond's stability, experience, depth, and unique use of technology will deliver a successful project.

This contract will be led by Chris Fagerstrom, PE, who brings an unparalleled understanding of successfully managing similar projects. We present a comprehensive team to help the County develop the County's Stormwater Master Plan to update, replace and expand upon existing plans, studies, and policies. Our goal is to provide you with a working document for the County's stormwater infrastructure to (1) support residential, commercial and industrial activities of the County, (2) efficiently coordinate Capital Improvement Projects, and (3) prepare for an expansion of the Municipal Separate Storm Sewer System (MS4) program.

Our robust team of in-house professionals includes all the disciplines required to complete the requested services to the County including stormwater engineers, environmental engineers, hydrology and hydraulics experts, certified floodplain managers, stormwater inventory and GIS experts, permitting experts, and public involvement specialists. This diversity of experience and bandwidth will allow us to tackle the scope of services listed in the RFP as well as provide many other services should the County need additional support.

We excel at long term, trusted partnerships with our local government clients that are proven by our length of service to many Georgia communities. At Pond, our vision is to be your trusted advisor for this project. Pond is excited about the opportunity to continue to be a trusted partner to Effingham County and look forward to our shared success. We are confident our team brings the right combination of resources, capabilities, and capacity to address Effingham County's needs. If you have any questions or require further explanation on the information contained herein, please do not hesitate to contact us.

Sincerely,

Pond & Company

Chris Fagerstrom, PE  
Associate Principal | Director of Water Resources  
Project Manager

Melissa Phillips  
Business Development Manager  
Client Liaison

# Project Approach | Scope of Services

Pond's initial task will be to coordinate with Effingham County staff to review available information and establish the project study area. The scope of work below has been developed under the assumption that the data collection and modeling effort will be focused on the primary stormwater basins and drainage system in the southern developed portion of the County.

## Task 1 Evaluation and Review Data

Effingham County encompasses over 483 square miles with numerous subdivisions and three cities in the southern portion of the County. Based on the sample statistic provided in Question 12 of Addendum 1, there could potentially be tens of thousands of data collection points needed to develop a complete inventory of the County's municipal stormwater collection system. To attempt to meet the budget and time constraints of this project, Pond is proposing to only collect the data necessary to develop the watershed model described in Task 2. The budget for this task is based on 30 days of field collection and 9 days of priority record drawing digitization. We anticipate that the budget will allow for the collection of approximately 800 features. If the County requests additional field collection or digitization services, Pond will provide on an as-needed hourly basis in accordance with the hourly rates previously agreed upon and approved by the County. The following presents a detailed breakdown of the scope of work for Task 1.

Pond's Geospatial Team will evaluate and review Effingham County's currently available GIS (Geographic Information Systems) stormwater collection system inventory, utilities, mapping, system pipes, ditches, retention ponds, and additional data sets related to the area of study defined by Effingham County in coordination with Pond staff. Upon review, all currently available data will be imported into Pond's GIS Database, to be developed in coordination with Effingham County staff and described below under Field Data Collection. Additionally, Pond will convert provided as-built drawings, field inventory, and other collected data (Task 1) into GIS format, through digitization or georeferencing, and add to the final GIS database schema and/or GIS systems within the identified areas of study. The existing data will supplement the data to be collected within the defined area of study.

### *Field Data Collection*

Pond's GIS Team will collect, compile, and perform analysis on existing stormwater asset conditions, dimensions, and location for the areas within the HUC 12 watersheds defined in Task 2. In coordination with Effingham County staff, Pond will develop a geospatial dataset with the associated attribute table within the identified study areas. Field inspection data will be collected for all stormwater infrastructure and may include the following:

- Inspection Status
- Debris
- Erosion
- Vegetation
- Sediment
- Structure damage
- System pipes (type and size)
- Ditches

- Retention ponds
- Drainage basins and high-risk areas susceptible to flooding or stormwater runoff impacts
- FEMA Flood Insurance Rate Maps (FIRMs)
- Development as-builts (most likely AutoCAD data conversion to GIS)
- Field Surveys and Assessments
- Stormwater maintenance logs
- Stormwater related citizen requests

Field Data collection and assessment will be achieved by fielding a team of two Field Technicians utilizing ESRI mobile applications and Go Pro cameras. Data collected will be in real-time with post-processing by office GIS staff. Effingham County staff will have access to Pond's ESRI ArcGIS Enterprise Portal to track project progress and have the ability to download data.

Each collected structure will include a picture attached for assessment and documentation. Data collected will include:

- Condition assessment of stormwater infrastructure, including storm structure type, material, accessibility, and invert elevation measured from top of manhole, etc.
- Visual inspection of the conveyance pipe from the manhole that will provide size, material, and observable condition of pipe from the manhole.
- Inspection of overland conveyance systems, open ditches, providing condition, type, size, shape, material, etc.

## Task 2 – Stormwater Quantity/Quality Projections

Pond understands that the goal of Task 2 is to evaluate flooding and water quality concerns within the developed portion of the County. The County desires to evaluate current high-risk areas that may be susceptible to flooding or stormwater runoff water quality impacts and potential future problem areas. To evaluate future problem areas, Pond will review existing land use and zoning requirements and conduct interviews with County staff to determine future projections for growth within the County. The future growth projection will be based on a 20-year County build-out.

The typical project work plan for this task will follow the outline below:

### *Data Collection*

Pond will review available data necessary to develop a macro level regional model of the developed southern portion of the County. This data collection will include the following:

- Review of the County Comprehensive Plan
- Review of existing GIS data
- Review of existing and proposed Capital Improvement Projects

- Utilizing existing Lidar data, Pond will create a Digital Elevation Matrix (D.E.M.). Pond understands that this data is limited, and the coverage may not be available for the entire study area
- Water level and flow gauge data
- Historic Average Rainfall
- Wet Season Rainfall
- NOAA's National Weather Service Hydrometeorological design studies center for Point Precipitation Frequency Estimates (Atlas 14)
- Zoning
- Soil Surveys
- FEMA Mapping
- Basin Delineation
- Land Use
- GDOT Drainage Systems
- Inventory of existing system structures collected in Task 1

### *Model Development*

Pond will develop an existing conditions model based on the data collection above and from Task 1. The model will be focused on macro drainage systems within the seven HUC 12 subwatersheds located in the southern portion of the County. The HUC 12 basins include: 030602020604, 030602040201, 030601090307, 030601090305, 030602020603, 030601090203, and 030601090107. The modeling effort will be focused on major drainage system components and will not include subdivision drainage features unless they are integral to the overall subwatershed. Once the model is developed Pond will run the following storm events:

- Mean Annual Storm Event
- 25-Year, 24-hour Event
- 100-Year, 24-hour Event

Pond will review the model results with the County to anecdotally validate the model. After any necessary calibration Pond will coordinate with the County to develop a reasonable 20-year County development plan. The existing conditions model will be updated with the proposed land use for the 20-year build out and executed for the storm events listed above.

In conjunction with the hydrologic and hydraulic model development, Pond will utilize the SWMM model to evaluate current and future (20-year build out) watershed pollutant loading.

### **Task 3 – Assessment of Major Asset Conditions and Risk; Development Control Standards**

As part of the data collection in Task 1, Pond will collect photos and conditions of existing infrastructure. The condition data will be evaluated, and a ranking system will be established. The ranking system will be added to the attribute data associated with the GIS inventory. A priority list will be prepared and establish the basis for the rehabilitation plan in Task 4. The Priority list will be reviewed with the County client before proceeding to Task 3.

Pond will also review the existing design standards and County ordinances. In combination with the water quality modeling in Task 2, Pond will make recommendations for enhancement to design standards and ordinances to achieve water quality and quantity goals in the 20-year build out plan.

#### Task 4 – Rehabilitation Plan

The rehabilitation plan will consider short term and long-term needs based on the results of Tasks 2 and 3. For each project identified Pond will prepare an assessment of the consequences associated with failure, the probability of failure, a proposed conceptual improvement plan and a preliminary cost estimate. The proposed budget is based on up to 20 rehabilitation projects.

#### Task 5 – Expansion Plan

The expansion plan will focus on regional projects to improve water quality and reduce potential flooding. The expansion plan will identify projects needed to address current stormwater level of service and projects needed to maintain future needs for the 20-year build out. A conceptual plan and cost estimate will be prepared for each project identified in the expansion plan. The proposed budget for this task is based on up to 20 proposed projects.

#### Task 6 – Forecast of Cash Flow Needs

Pond will work with the County to develop an implementation schedule based on the priority of the projects identified in Task 4 and 5. Once the implementation schedule is developed Pond will prepare an annual cash flow needs assessment. The cash flow needs assessment will include the necessary budget for annual construction, Operation and Maintenance associated with each proposed project.

#### Task 7 – Presentation of Stormwater Master Plan

Pond will coordinate and lead two stormwater masterplan presentations. The first presentation will be conducted during Task 2 and will target stakeholder feedback regarding flooding concern and stormwater quality. This meeting will assist with calibrating the models as well as an opportunity to educate citizens, business owners and property owners. The second presentation will review the draft stormwater master plan with County staff. Feedback from this presentation will be incorporated into the final masterplan.

#### Task 8 – Delivery of Master Plan and Project Database

The final deliverables will include two (2) hard copies of the masterplan and one digital copy. Additionally, the final deliverable will include a database or excel spreadsheet containing the detailed cost estimate for each project and the hydrologic parameters used to size the improvement.

# Man-Hour Estimate & Costs

RFP No. 22-005 - Stormwater Masterplan

**ATTACHMENT A  
COST NOT TO EXCEED FEE PROPOSAL -**

<b>Fee Summary - Please complete with your not-to-exceed manhour estimate</b>			
<b>Scope Breakdown</b>	<b>Task Hours</b>	<b>Unit Cost</b>	<b>Total</b>
TASK 1. Available Data Review, Evaluation, and Data Collection	680	\$81.88	\$55,680.00
TASK 2. Stormwater Flow Projections	364	\$152.31	\$55,440.00
TASK 3. Major Asset Condition Assessment / Development Control Standards	136	\$162.35	\$22,080.00
TASK 4. Rehabilitation Plan	220	\$139.09	\$30,600.00
TASK 5. Expansion Plan	190	\$140.53	\$26,700.00
TASK 6. Cash Flow Needs Forecast	50	\$150.00	\$7,500.00
TASK 7. Presentation of the Stormwater Master Plan	100	\$164.00	\$16,400.00
TASK 8. Final Project Deliverables	52	\$119.23	\$6,200.00
<b>TOTALS</b>	<b>1,792</b>	<b>\$123.10</b>	<b>\$220,600.00</b>

**Proposing Company Contact Information:**

<b>Company Name:</b>	Pond & Company	
<b>Billing Address:</b>	49 Park of Commerce Way, Suite 203 Savannah, Georgia 31405	Telephone: 912.228.3611
<b>Service Address:</b>	49 Park of Commerce Way, Suite 203 Savannah, Georgia 31405	Telephone: 912.228.3611
<b>Representative Name:</b>	Melissa Phillips	
<b>Representative Contact Address:</b>	49 Park of Commerce Way, Suite 203 Savannah, Georgia 31405	Telephone: 912.667.5185 E-Mail: phillipsm@pondco.com

It is agreed by the undersigned offeror that the signature and submission of this proposal represents the vendor's acceptance of all terms, conditions and requirements of specifications and, if awarded, the proposal will become part of the contract agreement between the parties.

Signed: (sign manually, in ink)   
(Signature of Authorized Representative of the Company)

Name Printed: Stephen M. Bailey, PWS Title: Principal | AVP Date: April 28, 2022  
Name Printed: \_\_\_\_\_ Title: Environment + Water Resources Date: \_\_\_\_\_



Full Fee Breakdown - Please complete with your not-to-exceed manhour estimate				
TASK 1. Available Data Review, Evaluation, and Data Collection		Task Hours	Unit Cost	Total
a	Review of Existing Plan(s)	8	\$ 130.00	\$ 1,040.00
b	Review of existing Capital Improvement Project lists for the Stormwater collection systems	16	\$ 130.00	\$ 2,080.00
c	Review of system(s) GIS Mapping	48	\$ 90.00	\$ 4,320.00
d	Review of CMMS: Ability to integrate with hydraulic models and ability to integrate with other operations	8	\$ 150.00	\$ 1,200.00
e	Review of the County Comprehensive Plan	16	\$ 130.00	\$ 2,080.00
f	Update GIS mapping with record drawings for stormwater	72	\$ 100.00	\$ 7,200.00
g	Prepare and asset inventory and condition assessment of the	24	\$ 130.00	\$ 3,120.00
h	Conduct field inventory activities to complete GIS map and to build Field Technician Travel expenses	480	\$ 35.00	\$ 16,800.00
i	Assess the adequacy of Stormwater operational and maintenance	8	\$ 130.00	\$ 1,040.00
			<b>Task 1 TOTAL</b>	<b>\$ 55,680.00</b>

TASK 2. Stormwater Flow Projections		Task Hours	Unit Cost	Total
a	Create and calibrate a hydraulic computer model of the Stormwater	240	\$ 150.00	\$ 36,000.00
b	20 Year Stormwater Flooding and Quality Projections by Watershed	100	\$ 150.00	\$ 15,000.00
c	Interviews with Local Stakeholders	24	\$ 185.00	\$ 4,440.00
			<b>Task 2 TOTAL</b>	<b>\$ 55,440.00</b>

TASK 3. Major Asset Condition Assessment / Development Control Standards		Task Hours	Unit Cost	Total
a	Review of Completed Projects	16	\$ 130.00	\$ 2,080.00
b	Determination of Critical Assets Requiring Inspection	16	\$ 130.00	\$ 2,080.00
c	Inspection of Critical Assets with assigned grading scale evaluation criteria (including security)	8	\$ 130.00	\$ 1,040.00
d	Evaluate use of technology and opportunities to achieve additional efficiencies and/or cost savings	8	\$ 130.00	\$ 1,040.00
e	Review and recommend technological improvements that would benefit the County's system	8	\$ 130.00	\$ 1,040.00
f	Updated design standards and County ordinances	80	\$ 185.00	\$ 14,800.00
			<b>Task 3 TOTAL</b>	<b>\$ 22,080.00</b>

TASK 4. Rehabilitation Plan		Task Hours	Unit Cost	Total
a	20 Year Stormwater Rehabilitation Plan	40	\$ 150.00	\$ 6,000.00
b	Detailed Scope of Work for Each Proposed Project	80	\$ 130.00	\$ 10,400.00
c	Evaluation of Proposed Projects Based Upon Consequence and Probability of Failure	40	\$ 150.00	\$ 6,000.00
d	Prioritization of Proposed Projects	20	\$ 150.00	\$ 3,000.00
e	Detailed Cost Estimate for Each Proposed Project	40	\$ 130.00	\$ 5,200.00
			<b>Task 4 TOTAL</b>	<b>\$ 30,600.00</b>

<b>TASK 5. Expansion Plan</b>		<b>Task Hours</b>	<b>Unit Cost</b>	<b>Total</b>
a	20 Year Stormwater Expansion Plan	40	\$ 150.00	\$ 6,000.00
b	Detailed Scope of Work for Each Proposed Project	60	\$ 130.00	\$ 7,800.00
c	Evaluation of Proposed Projects Based Upon Consequence and Probability of Failure	40	\$ 150.00	\$ 6,000.00
d	Prioritization of Proposed Projects	20	\$ 150.00	\$ 3,000.00
e	Detailed Cost Estimate for Each Proposed Project	30	\$ 130.00	\$ 3,900.00
			<b>Task 5 TOTAL</b>	<b>\$ 26,700.00</b>

<b>TASK 6. Cash Flow Needs Forecast</b>		<b>Task Hours</b>	<b>Unit Cost</b>	<b>Total</b>
a	Incorporate Cash Flow Smoothing Where Practical	20	\$ 150.00	\$ 3,000.00
b	20 Year stormwater O&M expenditures estimate	10	\$ 150.00	\$ 1,500.00
c	Identify potential funding sources to assist with capital improvement	10	\$ 150.00	\$ 1,500.00
d	Calculate the cost of service calculations to the Stormwater system	10	\$ 150.00	\$ 1,500.00
			<b>Task 6 TOTAL</b>	<b>\$ 7,500.00</b>

<b>TASK 7. Presentation of the Stormwater Master Plan</b>		<b>Task Hours</b>	<b>Unit Cost</b>	<b>Total</b>
a	Presentation of Draft Plan to Staff	16	\$ 185.00	\$ 2,960.00
b	Modification of Draft Plan Based Upon Comments	40	\$ 150.00	\$ 6,000.00
c	Presentation of Draft Plan to Focus Groups	16	\$ 185.00	\$ 2,960.00
d	Modification of Draft Plan Based Upon Comments	20	\$ 150.00	\$ 3,000.00
e	Presentation of Final Plan to Board of Commissioners for Approval	8	\$ 185.00	\$ 1,480.00
			<b>Task 7 TOTAL</b>	<b>\$ 16,400.00</b>

<b>TASK 8. Final Project Deliverables</b>		<b>Task Hours</b>	<b>Unit Cost</b>	<b>Total</b>
a	Delivery of 2 Printed Spiral Bound Copies and 1 Electronic Copy of the Final Approved Plan	6	\$ 100.00	\$ 600.00
b	Delivery of 2 Printed Spiral Bound Copies and 1 Electronic Copy of Executive Summary	6	\$ 100.00	\$ 600.00
c	Delivery of Electronic Database of Flow Projections (with calculations) and Detailed Project Estimates (with calculations)	20	\$ 100.00	\$ 2,000.00
d	Comprehensive master plan drawing for the system depicting existing piping, ditches, etc. for both existing and future layouts	20	\$ 150.00	\$ 3,000.00
			<b>Task 8 TOTAL</b>	<b>\$ 6,200.00</b>

**TOTAL \$ 220,600.00**

RFP No. 22-005 - Stormwater Masterplan

EXCEPTION SHEET

If Commodity(s) and/or Service proposed in quote is in ANYWAY different from that contained in this proposal, the Bidder is responsible for clearly identifying all such differences in the space below. Otherwise, it will be assumed that the Bidder's offer is in total compliance with all aspects of the proposal.

Below are the only differences between my offer and the County's proposal:

None.

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Signature *Stephen M. Bialy* Date April 28, 2022



11) QUESTION: What is the status of the scanning and digitizing project?

ANSWER: The first round of scanning is complete. Over 27,000 sheets representing 821 projects were scanned. Only about 177 projects (1,213 sheets) had suitable stormwater information on them. None are digitized at this time. Also of note is that after 27,000+ sheets scanning and reviewed, the County's hard file archives still contain thousands of sheets still not scanned. This project completed only a fraction of the total archive.

12) QUESTION: How many mapping features will we need to collect?

ANSWER: A random sampling of our current mapping for the developed areas of the southern part of the county and rural areas of the northern part of the county determined that a typical residential subdivision will have 58,526 feet of pipe, 29.6 miles curb and gutter, 429 inlets, and 46.4 acres of pond area per square mile. Likewise, undeveloped areas tend to have approximately 4.6 miles of roadside ditch, 8,610 feet streams, and 0.8 pipe road crossings per square mile. Vendors may use this data as a means to extrapolate potential volume of data collection countywide.

All other terms and conditions in RFP 22-005 remain unchanged.

Effingham County reserves the right to reject any and all proposals, to waive any technicalities or irregularities and to award the offer based upon the most responsive, responsible submission.

Please sign receipt of this Addendum No. 1 below:

Stephen M. Bailey, PWS

Principal | AVP

Environment + Water Resources

Print Name



Signature

April 28, 2022

Date

**END OF ADDENDUM NO. 1**

**Example:**

Photo 101, GUID = f9f173db-5d61-4cbd-b1cc-2f6831f8c8a4

GIS Feature, GUID field = f9f173db-5d61-4cbd-b1cc-2f6831f8c8a4

10) QUESTION: Can the County provide the Coastal Incentive Grant application?

ANSWER: See attached final submittal to CIG

11) QUESTION: Model software?

ANSWER: The County would prefer SWMM with the ability to view the results of the model graphically in GIS, to visually review problem areas, good areas, watersheds, etc. If the vendor prefers an alternate software or method, please submit in narrative why that it is the better solution and how it will translate into SWMM for future use by the County and other consultants.

All other terms and conditions in RFP 22-005 remain unchanged.

Effingham County reserves the right to reject any and all proposals, to waive any technicalities or irregularities and to award the offer based upon the most responsive, responsible submission.

Please sign receipt of this Addendum No. 2 below:

Stephen M. Bailey, PWS

Principal | AVP

Environment + Water Resources

Print Name



Signature

April 28, 2022

Date

**END OF ADDENDUM NO. 2**

ID	Task Name	Duration	Start	Finish	Mar	Qtr 2, 2022			Qtr 3, 2022			Qtr 4, 2022			Qtr 1, 2023			Qtr 2, 2023			Qtr 3, 2023			Qtr 4, 2023
					Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
1	<b>Task 1</b>	<b>53 days</b>	<b>Wed 5/25/22</b>	<b>Fri 8/5/22</b>																				
2	Project Kick-off and Coordination	2 days	Wed 5/25/22	Thu 5/26/22																				
3	Field Inventory Data Collection	50 days	Fri 5/27/22	Thu 8/4/22																				
4	Critical Rating Analysis	23 days	Wed 7/6/22	Fri 8/5/22																				
5	<b>Task 2</b>	<b>81 days</b>	<b>Fri 5/27/22</b>	<b>Fri 9/16/22</b>																				
6	Existing Condition Hydrologic and Hydraulic Modeling	51 days	Fri 5/27/22	Fri 8/5/22																				
7	Existing Condition Water Quality Modeling	51 days	Fri 5/27/22	Fri 8/5/22																				
8	Interview with Community Stakeholders	2 days	Mon 8/8/22	Tue 8/9/22																				
9	20 Year Projection Hydrologic and Hydraulic Modeling	38 days	Wed 7/27/22	Fri 9/16/22																				
10	20 Year Projection Water Quality Modeling	38 days	Wed 7/27/22	Fri 9/16/22																				
11	Presentation to County Staff	0 days	Fri 9/16/22	Fri 9/16/22																				
12	<b>Task 3</b>	<b>59 days</b>	<b>Tue 10/4/22</b>	<b>Fri 12/23/22</b>																				
13	Review of Completed Project and Critical Asset Determination	24 days	Tue 10/4/22	Fri 11/4/22																				
14	Technology Evaluation and Recommendations	7 days	Mon 11/7/22	Tue 11/15/22																				
15	Review Standards and Make Recommendations	28 days	Wed 11/16/22	Fri 12/23/22																				
16	<b>Task 4</b>	<b>75 days</b>	<b>Mon 12/26/22</b>	<b>Fri 4/7/23</b>																				

Project: Effingham SW MP Date: Wed 4/27/22	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

ID	Task Name	Duration	Start	Finish	Qtr 2, 2022			Qtr 3, 2022			Qtr 4, 2022			Qtr 1, 2023			Qtr 2, 2023			Qtr 3, 2023			Qtr 4, 2023	
					Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
17	Rehabilitation Plan	75 days	Mon 12/26/22	Fri 4/7/23																				
18	Project Concepts and Cost Estimates	64 days	Tue 1/10/23	Fri 4/7/23																				
19	Project Prioritization Plan	64 days	Tue 1/10/23	Fri 4/7/23																				
20	<b>Task 5</b>	<b>75 days</b>	<b>Mon 12/26/22</b>	<b>Fri 4/7/23</b>																				
21	Expansion Plan	75 days	Mon 12/26/22	Fri 4/7/23																				
22	Project Concepts and Cost Estimates	64 days	Tue 1/10/23	Fri 4/7/23																				
23	Project Prioritization Plan	64 days	Tue 1/10/23	Fri 4/7/23																				
24	<b>Task 6</b>	<b>60 days</b>	<b>Mon 4/10/23</b>	<b>Fri 6/30/23</b>																				
25	Cash Flow Needs Forecast	60 days	Mon 4/10/23	Fri 6/30/23																				
26	<b>Task 7</b>	<b>53 days</b>	<b>Thu 7/6/23</b>	<b>Mon 9/18/23</b>																				
27	Draft Plan Presentation to Staff	0 days	Thu 7/6/23	Thu 7/6/23																				
28	Draft Revisions	15 days	Mon 7/10/23	Fri 7/28/23																				
29	Presentation to Focus Groups	0 days	Fri 8/4/23	Fri 8/4/23																				
30	Revisions to Plan	15 days	Fri 8/25/23	Thu 9/14/23																				
31	Final Plan Presentation to Board	0 days	Mon 9/18/23	Mon 9/18/23																				
32	<b>Task 8</b>	<b>0 days</b>	<b>Fri 9/29/23</b>	<b>Fri 9/29/23</b>																				
33	Final Plan Deliverable	0 days	Fri 9/29/23	Fri 9/29/23																				
34	Project Cost Estimates and Basis of Design	0 days	Fri 9/29/23	Fri 9/29/23																				
35	Master Plan Drawing	0 days	Fri 9/29/23	Fri 9/29/23																				

Project: Effingham SW MP  
Date: Wed 4/27/22

Task		Project Summary		Manual Task		Start-only		Deadline	
Split		Inactive Task		Duration-only		Finish-only		Progress	
Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
Summary		Inactive Summary		Manual Summary		External Milestone			