



4800 Ashford Dunwoody Road
Dunwoody, Georgia 30338
dunwoodyga.gov | 678.382.6700

MEMORANDUM

To: Mayor and City Council

From: Carl Thomas, Stormwater Utility Manager

Date: May 20th, 2019

Subject: Memorandum – Approval of 4-year Stormwater Inventory and Survey Contract

ITEM DESCRIPTION

Approval of 4-year contract with TerraMark Land Surveying Incorporated to conduct stormwater structural inspections, surveying, and dry weather screenings (*RFP 18-05*).

BACKGROUND

The City of Dunwoody is required by the NPDES Phase II Stormwater Permit to re-assess 100% of its stormwater and outfall inventory during the 2018-2022 reporting period. The data collected during these inspections is critical in assessing the current condition of City's stormwater infrastructure, prioritizing future maintenance projects, and identifying pollutants discharging into our waterways. In 2018, the city issued a Request for Proposals (RFP 18-05) for a 5 year contract to complete these annual inspection services. Proposals were reviewed and scored based on qualifications, past experience, cost, and project approach. The highest scoring firm was TerraMark Land Surveying, Incorporated and the city council approved the funding for the first year of the contract

At that time staff recommended a one-year trial period, where TerraMark added the service of acquiring survey grade location accuracy, additional still imagery and video data for the storm infrastructure inspections in North Fork Nancy Creek Watershed. Staff has evaluated the results of the pilot project, and determined that the additional still imagery is the most useful and cost efficient of the additional data collected. Therefore, the unit pricing for 2019-2022 has been negotiated down from the original proposal and the survey grade accuracy and video data has been removed from the scope.

RECOMMENDED ACTION

Staff recommends approving a 4-year agreement with TerraMark Land Surveying. The contract will be based on unit prices and the actual number of City-owned structures, conveyances and pond inspected. The average annual cost over the four-year term is approximately \$68,000.

If approved, the costs of this project would be funded from the Stormwater Utility Fund.



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BID/PROPOSAL RESPONSES
CITY OF DUNWOODY

Solicitation: RFP 18-05

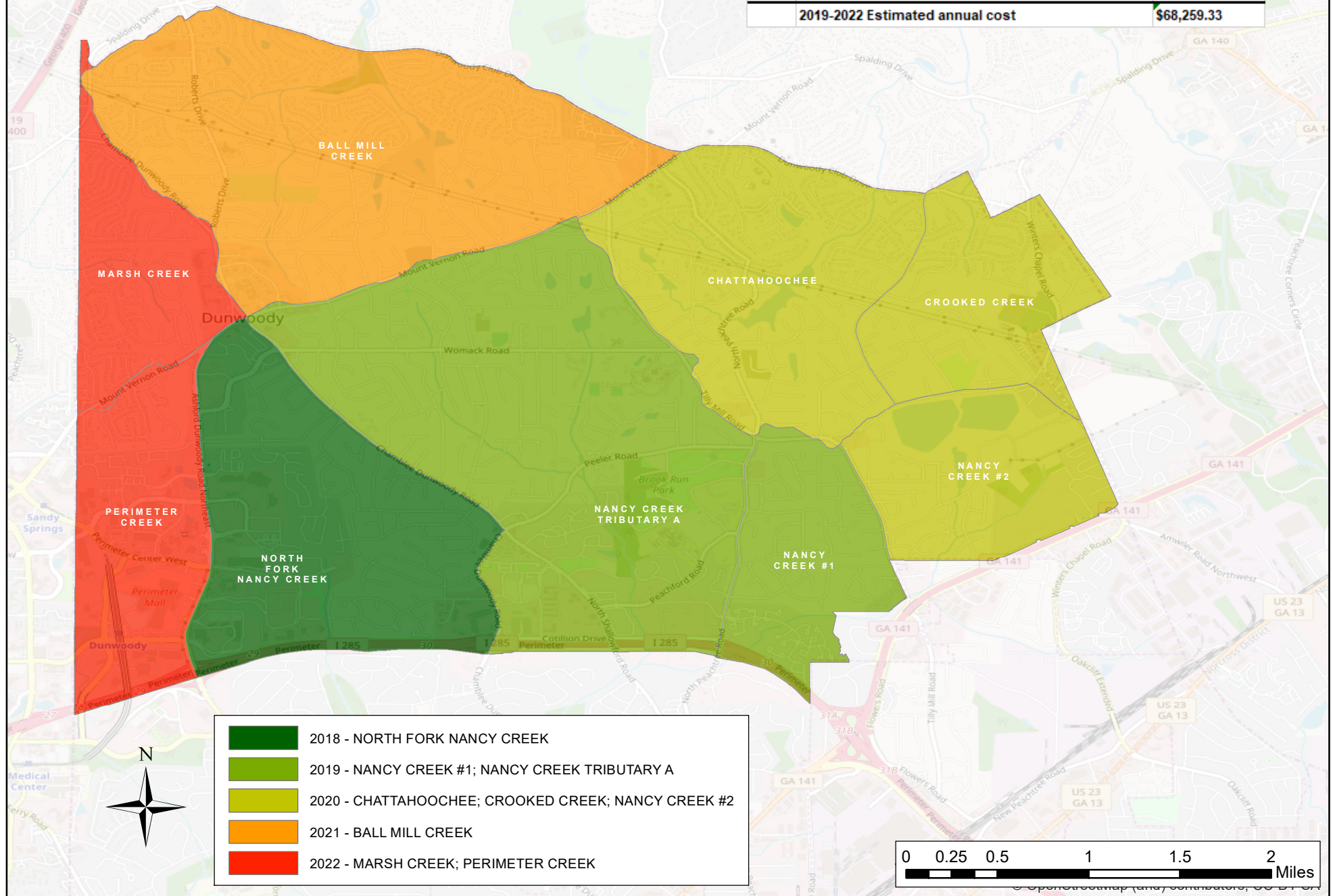
Date: 9-7-2018

	COMPANY
1	S & ME, INC.
2	BROWN AND CALDWELL
3	TERRAMARK LAND SURVEYING, INC.
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MS4 Inventory Proposal Evaluation Matrix					
Evaluation Criteria Breakdown	Points	Brown & Caldwell	TerraMark	S&ME	
Completeness of Response to RFP (Pass/Fail)	Pass/Fail	PASS	PASS	PASS	
ALL required schedules, forms and informational items have been submitted. Do not continue if proposal fails to meet the minimum requirement.					
A. Proposer Qualifications & Experience*	25 Points				
Demonstrates ability to provide timely results for project and prior experience with stormwater infrastructure inspections.	0-10	5.3	10.0	4.7	
Team (organizational) qualifications and strengths for all partners; company background and years in business. Strength of assigned team members years of prior experience in stormwater management, surveying, dryweather screening, and inventorying.	0-10	6.3	10.0	5.7	
Strength and relevance of references per RFP submittal requirements for all project phases. Minimum 3 references for successfully completed projects of similar size.	0-5	3.0	5.0	3.3	
B. Technical Proposal*	25 Points				
Completeness and quality of technical documentation. Vendor demonstrates they possess the personnel, equipment, and clearly stated objectives to inventory/inspect 100% of infrastructure & outfalls based on requirements stated in Scope of Services.	0-25	13.0	23.5	12.3	
C. Project Costs	50 Points				
Unit rate costs of 5-year inspection term (2018-2022) for: stormwater structure, stormwater conveyance, outfall screening, G/LID structure, Stormwater pond. Lowest bid: 50 points, within 10% of lowest bid: 40 points, 10-25%; 30 points, 25-50%; 20 points, Greater than 50%; 10 points	0-50	30.0	50.0	10.0	
TOTAL	100 Points	57.7	98.5	36.0	
*average score based on 3 reviews					

City of Dunwoody 2018-2022 MS4 Inspection Areas

2019	NANCY CREEK #1; NANCY CREEK TRIBUTARY A	\$84,465.10
2020	CHATTAHOOCHEE; CROOKED CREEK; NANCY CREEK #2	\$87,534.90
2021	BALL MILL CREEK	\$63,632.00
2022	MARSH CREEK; PERIMETER CREEK	\$37,405.30
2019-2022 Estimated annual cost		\$68,259.33





May 8, 2019

Carl B. Thomas Sr., CFM – Stormwater Utility Manager
City of Dunwoody
 4800 Ashford Dunwoody Road
 Dunwoody, Georgia 30338

RE: 2019 - 2022 MS4 Inventory and Inspections

Dear Carl:

Per your email request of April 29, 2019, please find below our revised estimate for completing the **2019 - 2022 MS4 Inventory and Inspection** program. The scope of work will be similar to the 2018 contract work with the exclusion of all private assets and the elimination of the survey-grade aspects of the product. Our revised estimate is based upon the attached Cost Estimate.

Please note that our GI / LID Facility unit cost was revised when considering the City's request for survey grade information; that these facilities may be very simple to very complex (engineering and construction wise) requiring an unknown amount of effort at this time to inventory and inspect; and that the suggested inventory / inspection routines vary greatly from BMP type to BMP type based upon the Georgia Stormwater Management Manual Appendix E "Operations & Maintenance Guidance Document".

Should you have any questions or need additional information, please contact me at your convenience. We are looking forward to begin this year's tasks.

Sincerely,
TerraMark Land Surveying, Inc.

Steven P. Pohlmann, GISP
 Director of GIS

cc: Paul B. Cannon, RLS
 William C. Wohlford, Jr., PE, RLS
 project file

Project Year	Task Item	Unit Cost	Estimated Quantity	Extended Cost
2019	City Structures with Map Grade GPS and Photos (Existing)	\$26.00	1564	\$40,664.00
2019	City Conveyances with Map Grade GPS and Photos (Existing)	\$4.30	1877	\$8,071.10
2019	Outfall Dry Weather Screening (Identified by Dunwoody)	\$130.00	253	\$32,890.00
2019	GI / LID Facility (Identified by Dunwoody)	\$530.00	0	\$0.00
2019	City Maintained Detention Facility (Identified by Dunwoody)	\$355.00	8	\$2,840.00
2019	Estimated Totals			\$84,465.10
2020	City Structures with Map Grade GPS and Photos (Existing)	\$26.00	1544	\$40,144.00
2020	City Conveyances with Map Grade GPS and Photos (Existing)	\$4.30	1863	\$8,010.90
2020	Outfall Dry Weather Screening (Identified by Dunwoody)	\$130.00	292	\$37,960.00
2020	GI / LID Facility (Identified by Dunwoody)	\$530.00	0	\$0.00
2020	City Maintained Detention Facility (Identified by Dunwoody)	\$355.00	4	\$1,420.00
2020	Estimated Totals			\$87,534.90
2021	City Structures with Map Grade GPS and Photos (Existing)	\$26.00	1274	\$33,124.00
2021	City Conveyances with Map Grade GPS and Photos (Existing)	\$4.30	1460	\$6,278.00
2021	Outfall Dry Weather Screening (Identified by Dunwoody)	\$130.00	170	\$22,100.00
2021	GI / LID Facility (Identified by Dunwoody)	\$530.00	0	\$0.00
2021	City Maintained Detention Facility (Identified by Dunwoody)	\$355.00	6	\$2,130.00
2021	Estimated Totals			\$63,632.00
2022	City Structures with Map Grade GPS and Photos (Existing)	\$26.00	710	\$18,460.00
2022	City Conveyances with Map Grade GPS and Photos (Existing)	\$4.30	871	\$3,745.30
2022	Outfall Dry Weather Screening (Identified by Dunwoody)	\$130.00	106	\$13,780.00
2022	GI / LID Facility (Identified by Dunwoody)	\$530.00	0	\$0.00
2022	City Maintained Detention Facility (Identified by Dunwoody)	\$355.00	4	\$1,420.00
2022	Estimated Totals			\$37,405.30
ESTIMATED FOUR YEAR PROGRAM TOTAL				\$273,037.30
Notes: Estimated quantities are for BUDGETARY purposes only.				