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Exhibit A - Scope of Work (SOW) – Amendment #1

CLIENT: City of Hallandale Beach
400 South Federal Highway
Hallandale Beach, FL 33009

RE: FY 2018-2019-012 Continuing Architectural
and Engineering Services

DISCIPLINE: Civil Engineering Services/Water Resources,
Traffic Engineering and Construction Services

CONSULTANT: Calvin, Giordano & Associates, Inc.

WORK AUTHORIZATION NO.:

PROJECT: Hallandale NE 14th Ave WM Improvements

CGA NO.: 21-5822.1

DATE: June 26, 2026

ATTENTION: Jeffrey Towne
Interim Director of Public Works

In accordance with resolution #2020-054, RFP# FY 2018-2019-012 Continuing Architectural and Engineering Services and Other Services, the following scope of services is provided by Calvin, Giordano & Associates, Inc. (hereinafter referred to as “Consultant”, “We” or “CGA”,) to the City of Hallandale Beach (hereinafter referred to as “CITY” or “Client”) as requested to provide Water Resources Engineering and Grant Assistance Services associated with the Hallandale Beach NE 14th Ave WM Improvements project. This proposal, when executed, shall amend the previously approved Scope of Work and become an additional part of the Agreement for Professional Services between the CITY and CGA, hereafter referred to as the Agreement.

BACKGROUND AND SCOPE OF WORK

The CITY desires plan revisions and permit processing of the previously installed pavement markings plan design for NE 14th Avenue. During the permitting process of the NE 14th Avenue Water Main Project, it was discovered that the Pavement Markings and Signage in the corridor were not permitted and approved by Broward County Traffic Engineering Division (BCTED). Per the permitting meeting with BCTED, modifications to the striping is required to permit the corridor. The scope

includes analysis of existing conditions for compliance with Florida Greenbook and MUTCD and construction documents updates for the submittal of the associated roadway geometry design exception and associated pavement marking permitting along NE 14th Avenue based on the meeting with Broward County Traffic Engineering Division (BCTED). This additional design and permitting effort does not include roadway widening. Furthermore, the current geometrical configuration of the road does not meet engineering standards at certain locations (reduced lane width and reduced bike lane width), for this reason, permitting approval is not guaranteed.

The CITY requests Grant Assistance for the project, to prepare and assist the CITY with applicable support documents as outlined in the Categorical Exclusion Instructions Checklist (CATEX) submittal to FDEP.

The CITY also requests additional Construction Engineering Inspection Services for the project, to perform additional limited Field/Resident Project Representative (RPR) services for compliance with plans and specifications. These additional inspection services will supplement the construction services outlined in the original contract. The detailed scope of services is outlined below.

I. TASK 1 – DATA EVALUATION

A. CIVIL ENGINEERING

- Data Evaluation, Collection, and Research
 - Perform a site visit of the corridor to understand existing conditions and site constraints, gather existing data and historical information.
 - Review any available record drawings, utility atlases, proposed plans for upcoming projects that the City is aware of the CGA topographic survey.
 - Analyze the existing condition to determine possible improvements applicable. Examine possible design exceptions applicable to non-compliant locations and prepare a narrative and design exception for submittal.
 - Meet with Broward County Traffic Engineering Division (BCTED) and Broward County Highway Construction Division (BCHCD) to discuss potential solutions for the non-compliant sections. CGA will prepare exhibits for evaluation and discussion with BCTED, BCHCD, and the City.
- Conceptual Preparation
 - Based on the results of the meeting and upon agreement with the City and BCTED and BCHCD, CGA will prepare a conceptual plan showing the general alignment of the NE 14th Avenue segments with the design exceptions considering the existing conditions and Right-of-Way constraints. Submit the concept to staff for evaluation and feedback. This plan will be a 30% level plan and will not include detailed design or grading.
 - CGA shall not proceed to 60% plans/construction documents until the City has provided confirmation, in writing, approving the conceptual design.

B. TRAFFIC ENGINEERING

- Assist with the analysis and conceptual layout of the corridor for compliance with applicable codes. Review the operational configuration of the intersection, including turn lane lengths and widths, clear zone, stop bar locations according to the MUTCD and the Florida Greenbook.

II. TASK 2 – 60% PLANS PREPARATION

a. CIVIL AND TRAFFIC ENGINEERING

- i. Prepare 60% plans for pavement markings improvements including Signage and Pavement Marking Plans for the corridor.
- ii. Submit plans to City of Hallandale Beach for review.

III. TASK 3 – PERMITTING

a. CIVIL AND TRAFFIC ENGINEERING

- i. Attend a pre-application/methodology meeting with Broward County Traffic Engineering Division (BCTED) to discuss the improvements.
- ii. Submit permits to:
 1. Broward County Highway Construction and Engineering Division (BCHCED) – Design Exception approval
 2. Broward County Traffic Engineering Division (BCTED) – Signage and Pavement Markings
- iii. Meet with agencies to ensure all required documents are provided as needed to obtain final approval of the overall plans.

IV. TASK 4 – 90% PLANS PREPARATION

a. CIVIL AND TRAFFIC ENGINEERING

- i. Prepare 90% plans for pavement markings improvements including Signage and Pavement Marking Plans for the corridor.
- ii. Submit plans to City of Hallandale Beach for review.

V. TASK 5 - CONSTRUCTION DOCUMENTS

a. CIVIL AND TRAFFIC ENGINEERING

- i. Prepare 100% plans and specifications for pavement marking improvements.
- ii. Fees include reviewing, responding, and addressing comments from City of Hallandale

Beach at 90% submission.

VI. TASK 6 - PROJECT MANAGEMENT

- a. Project & Client Management. Design team coordination during the design process to ensure the project progresses on schedule. This includes internal progress meetings, coordination with traffic engineering department, coordination with adjacent projects and development, answering/providing information requests from the City or interested stakeholders, schedule updates, and invoice processing. Overall client coordination to keep the City aware of the project's progress, budget, schedule, and critical design decisions.
- b. Quality Assurance/Quality Control - Review of the documents prior to each phase submittal through internal disciplinary review as well as an in-house review by a professional not directly involved with the project.

VII. TASK 7 - GRANT ASSISTANCE

a. CONSTRUCTION

- Complete supporting documentation for the CATEX determination for the EPA grant.
 - Description of environmental impacts (both construction and operational)
 - Description of measures to avoid, minimize, or compensate for impacts, including any Best Management Practices (BMPs).

b. CIVIL ENGINEERING

- Support Construction Department for submitting permits exemptions to:
 - State's Historical Preservation Office
 - U.S. Fish and Wildlife Service or National Marine Fisheries Service
 - U.S. Army Corps of Engineers

VIII. TASK 8 – CONSTRUCTION SERVICES

- A. The proposed effort shall include providing additional Construction Engineering Services including limited Inspection / Observation services for the Hallandale 14" WM Improvements project. The following scope is based on pre- construction activities, and 150 calendar days of Construction Time / Contract Time (five(5) months), and on total hours specified within. Any additional time beyond this will require an approved agreement. The anticipated scope of services include original contract construction services; and these identified additional Construction Engineering and Observation services.
 - 1) Perform limited and scheduled observations (estimated at three hundred sixty (360) hours of effort) of Field / Resident Project Representative services for compliance with plans and specifications; provide copies of observation reports to the EOR and CITY on a weekly basis to determine, in general, if the work has been completed in conformance with the intent of the Contract Documents. Additionally, the CITY shall furnish and assign a Construction Project Administrator and / or Project Inspector(s) during the course of the project construction activities to supplement CGA's efforts, as noted in original contract.

IX. EXCLUSIONS / ASSUMPTIONS

The only services included in this contract are those identified above. No other Services are included in this contract.

- a. The current geometrical configuration of the road does not meet engineering standards at certain locations (reduced lane width and reduced bike lane width), for this reason, permitting approval is not guaranteed.
- b. No public meeting presentations and/or attendance have been included in these services.
- c. Building Department Permit is not required and is not included in this Contract.
- d. Survey is excluded from the scope of work. The survey file for the survey for the Hallandale NE 14th Avenue Watermain Improvement project is assumed to be enough to complete the work.
- e. Landscaping and Electrical Engineering services are excluded from the scope of work.
- f. This proposal focuses on the Pavement Markings and Signage derived from the required design exception to permit the NE 14th Avenue Water Main Project. No utility plans for water or sewer modifications or replacements are included.
- g. This proposal includes through Bid Documents preparation. It does not include Bidding Assistance or Post Design Services. These can be provided with an ASA.
- h. Permit application and review fees shall be the responsibility of the City. Any additional permit required but not specifically listed or obtained by CGA are to be the responsibility of the awarded Contractor.
- i. For schedule assumptions, City shall provide CGA with submittal review comments within fifteen (15) working days of receiving them.

The table below gives the budget breakdown by task for the subject professional services; Task 1-7 are lump sum (LS), while Task 8 is hourly, NTE (not-to-exceed). The attached table provides the staff hour estimates by task.

Task	Task Subtotal
1 – Data Collection, Evaluation and Conceptual Plans (LS)	\$11,030.00
2 – 60% Plans Preparation (LS)	\$4,620.00
3 – Permitting (LS)	\$3,720.00
4 – 90% Plans Preparation (LS)	\$4,965.00
5 – Construction Documents (LS)	\$5,230.00
6 – Project Management (LS)	\$995.00
7 – Grant Assistance (LS)	\$2,880.00
8 – Construction Services (RPR) (hourly, NTE)	\$32,400.00
Total Amount	\$65,840.00

AUTHORIZATION

By: **Jenna Martinetti** Digitally signed by Jenna Martinetti
Date: 2026.06.26 16:27:38 -04'00'

Jenna Martinetti
Director of Engineering
Calvin, Giordano & Associates, Inc.

Date: _____

By: _____

Jeffrey Towne
Intern Director of Public Works
City of Hallandale Beach

Date: _____

Staff-Hours by Classification & Hourly Rate for Services																
Task	Description	Engineering Department								Traffic Department			Construction Department		Task Total	
		Civil Engineering Services								Traffic Engineering Services			Construction Services		Task Total	
		Director	Permit Administrator	Project Manager	Project Engineer	Engineer	Inspector	Sr. Cadd Technician	Task Subtotal	Director	Project Manager	Task Subtotal	Construction Manager	Task Subtotal		
		\$175.00	\$90.00	\$150.00	\$130.00	\$110.00	\$90.00	\$115.00		\$175.00	\$150.00		\$125.00			
	<u>1 - Data Evaluation</u>															
1.1	Project kick-off meeting w/ Client	1		1		1			\$435.00		1	\$150.00			\$585.00	
1.2	Receipt and review of record drawings								\$0.00		1	\$150.00			\$150.00	
1.3	Survey								\$0.00			\$0.00			\$0.00	
1.4	Research and review existing permits					5			\$550.00		5	\$750.00			\$1,300.00	
1.5	Site visit and assessment of existing conditions			3		3			\$780.00		3	\$450.00			\$1,230.00	
1.6	Utility Coordination - call ticket, log info, create base file								\$0.00			\$0.00			\$0.00	
1.7	Conceptual Alignment Plan	2		4		10		20	\$4,350.00		5	\$750.00			\$5,100.00	
1.8	Address comments on conceptual alignment	1		3		4		10	\$2,215.00		3	\$450.00			\$2,665.00	
1.9	Begin drainage review and evaluation								\$0.00			\$0.00			\$0.00	
1.10	Pre-app meeting with BCTED								\$0.00			\$0.00			\$0.00	
1.11	GPR and Soft Digs								\$0.00						\$0.00	
1.12	Geotech								\$0.00			\$0.00			\$0.00	
		4	0	11	0	23	0	30	\$ 8,330.00	0	18	\$ 2,700.00	0	\$ -	\$11,030.00	
	<u>2 - 60% Plans Preparation</u>															
2.2	Existing Conditions/Demolition Plan								\$ -			\$0.00		\$ -	\$0.00	
2.3	Paving, Grading and Drainage Sheets								\$ -			\$0.00		\$ -	\$0.00	
2.4	General notes and Details								\$ -			\$0.00		\$ -	\$0.00	
2.5	Drainage calculations and report								\$ -			\$0.00		\$ -	\$0.00	
2.6	Utility Conflict Matrix and Soft Dig layout plan								\$ -			\$0.00		\$ -	\$0.00	
2.7	Photometrics								\$ -			\$0.00		\$ -	\$0.00	
2.8	SWPPP -								\$ -			\$0.00		\$ -	\$0.00	
2.9	Signalization								\$ -			\$0.00		\$ -	\$0.00	
2.10	Signage and Pavement Markings Prelim Layout			2		5		12	\$ 2,230.00		4	\$600.00		\$ -	\$2,830.00	
2.11	Tree Disposition Plan								\$ -			\$0.00		\$ -	\$0.00	
2.12	QA/QC of Plan Set & Specs - 60%	1		2					\$ 475.00			\$0.00		\$ -	\$475.00	
2.13	Revise QA/QC changes to Plan Set - 60%			1		2		5	\$ 945.00			\$0.00		\$ -	\$945.00	
2.14	Opinion of Probable Cost			1		2			\$ 370.00			\$0.00		\$ -	\$370.00	
2.15	Meeting with Client to review 60% plans								\$ -			\$0.00		\$ -	\$0.00	
														\$ -		
		1	0	6	0	9	0	17	\$ 4,020.00	0	4	\$ 600.00	0	\$ -	\$4,620.00	
	<u>3 - PERMITTING</u>															
3.1	BCTED			4		6			\$ 1,260.00		4	\$600.00		\$ -	\$1,860.00	
3.1	BCHCD			4		6			\$ 1,260.00		4	\$600.00		\$ -	\$1,860.00	
3.1	SFWMD (Drainage)								\$ -			\$0.00		\$ -	\$0.00	
														\$ -		
		0	0	8	0	12	0	0	\$ 2,520.00	0	8	\$ 1,200.00	0	\$ -	\$3,720.00	
	<u>4 - 90% Plans Preparation</u>															
4.1	Cover Sheet & Sheet set up								\$ -			\$0.00		\$ -	\$0.00	
4.2	Existing Conditions/Demolition Plan								\$ -			\$0.00		\$ -	\$0.00	

4.3	Paving, Grading and Drainage Sheet								\$ -			\$0.00		\$ -	\$0.00
4.4	General notes and Details								\$ -			\$0.00		\$ -	\$0.00
4.5	Drainage Structure Tabulation Sheet								\$ -			\$0.00		\$ -	\$0.00
4.6	Utility Conflict Updates								\$ -			\$0.00		\$ -	\$0.00
4.7	Lighting Plans								\$ -			\$0.00		\$ -	\$0.00
4.8	SWPPP								\$ -			\$0.00		\$ -	\$0.00
4.10	Signalization								\$ -			\$0.00		\$ -	\$0.00
4.11	Signage and Pavement Markings	1				3		6	\$ 1,195.00		3	\$450.00		\$ -	\$1,645.00
4.12	Tree Disposition Plan								\$ -			\$0.00		\$ -	\$0.00
4.13	QA/QC of Plan Set & Specs - 90%			2					\$ 300.00			\$0.00		\$ -	\$300.00
4.14	Revise QA/QC changes to Plan Set - 90%	1				3		3	\$ 850.00		1	\$150.00		\$ -	\$1,000.00
4.15	Opinion of Probable Cost					4			\$ 440.00		2	\$300.00		\$ -	\$740.00
4.16	Meeting with Client to review 90% plans	1		1		1			\$ 435.00		1	\$150.00		\$ -	\$585.00
4.17	Prepare Draft Specifications	1		1		2			\$ 545.00		1	\$150.00		\$ -	\$695.00
4.18	Submit for Dry-Run								\$ -			\$0.00		\$ -	\$0.00
														\$ -	
		4	0	4	0	13	0	9	\$ 3,765.00	0	8	\$ 1,200.00	0	\$ -	\$4,965.00
	<u>5 - Construction Documents</u>														
5.1	Plan Modification per Reviews - Plan Set	1				4		5	\$ 1,190.00		3	\$450.00		\$ -	\$1,640.00
5.2	Respond to comments and resubmit for Dry-Run								\$ -			\$0.00		\$ -	\$0.00
5.3	Finalize Specifications and Bid Form	1				4			\$ 615.00		2	\$300.00		\$ -	\$915.00
5.4	Opinion of Probable Cost								\$ -			\$0.00		\$ -	\$0.00
5.5	QA/QC of Plan Set & Specs - 100%	1		2					\$ 475.00		2	\$300.00		\$ -	\$775.00
5.6	Revise QA/QC changes to Plan Set - 100%					4		5	\$ 1,015.00		2	\$300.00		\$ -	\$1,315.00
5.6	Meeting with Client to review 100% plans	1		1		1			\$ 435.00		1	\$150.00		\$ -	\$585.00
5.7	Structural Engineering Calculations and Construction Docs								\$ -			\$0.00		\$ -	\$0.00
														\$ -	
		4	0	3	0	13	0	10	\$ 3,730.00	0	10	\$ 1,500.00	0	\$ -	\$5,230.00
	<u>6 - BIDDING SERVICES</u>														
6.2	respond to RFIs from Prospective Bidders								\$ -			\$0.00		\$ -	\$0.00
6.3	Provide Supplemental Info to Town for Prospective Bidders								\$ -			\$0.00		\$ -	\$0.00
6.4	Prepare Bid Tabs								\$ -			\$0.00		\$ -	
		0	0	0	0	0	0	0	\$ -	0	0	\$ -	0	\$ -	\$0.00
	<u>6 - PROJECT MANAGEMENT</u>														
7.1	Team coordination	1		3		2			\$ 845.00		1	\$150.00			\$995.00
		1	0	3	0	2	0	0	\$ 845.00	0	1	\$ 150.00	0	\$ -	\$995.00
	<u>7 - GRANT ASSISTANCE</u>														
7.1	Team coordination		2	8					\$ 1,380.00			\$0.00	12	\$1,500.00	\$2,880.00
		0	2	8	0	0	0	0	\$ 1,380.00	0	0	\$ -	12	\$ 1,500.00	\$2,880.00
	<u>8 - POST DESIGN SERVICES</u>														
7.1	Prepare confirmed Construction Docs and S&S for contractor								\$ -			\$0.00			\$0.00
7.2	Attendance at Pre-Con Meeting								\$ -			\$0.00			\$0.00
7.3	Review shop drawings - (6*2*2hr ea)								\$ -			\$0.00			\$0.00
7.4	Review & respond to Contractor RFIs (3*2 Hrs)								\$ -			\$0.00			\$0.00
7.5	Field Visits for Conflict Resolution or Unforeseen conditions								\$ -			\$0.00			\$0.00
7.6	Inspection Requests from Town						360		\$ 32,400.00			\$0.00			\$32,400.00
		0	0	0	0	0		0	\$ 32,400.00	0	0	\$ -	0	\$ -	\$32,400.00
Total Hours		14	2	43	0	72		66	197.0	0	49	49.0	12	12	
Total Amount									\$ 56,990.00			\$ 7,350.00		\$ 1,500.00	\$ 65,840.00