

COMMITTEE AMENDMENT FORM

DATE: 2/26/13

COMMITTEE CITY UTILITIES

PAGE NUM(S) 1 & 2

ORDINANCE I. D. #13-O-

SECTION (S)

RESOLUTION I. D. #13-R- 0308

PARA. CAPTION & FINAL RESOLVE
CLAUSE

THE AMENDS THE LEGISLATION BY DELETING ACCOUNT NUMBER 7120000 (WATER RESOURCES) IN THE CAPTION AND THE FINAL RESOLVE CLAUSE AND REPLACE IN WITH 7410000 (PLANNING AND ZONING).

AN AMENDED RESOLUTION

BY CITY UTILITIES COMMITTEE

A RESOLUTION AUTHORIZING THE VENTURE FOR FC-4918A, GEOTECHNICAL, ENVIRONMENTAL ENGINEERING MAYOR TO ISSUE A TASK ORDER TO ATC ASSOCIATES, INC. AND C.E.R.M., INC., A JOINT, TESTING AND INVESTIGATION SERVICES, ON BEHALF OF THE DEPARTMENT OF WATERSHED MANAGEMENT, FOR SOIL REMEDIATION SERVICES AT 310 VINE STREET, NW, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED EIGHTEEN THOUSAND, FOUR HUNDRED SEVENTY-FIVE DOLLARS AND ZERO CENTS (\$118,475.00); ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM 5051 (WATER AND WASTEWATER REVENUE FUND) 170602 (DWM GREENWAY PLANNING) 5212001 (CONSULTING AND PROFESSIONAL SERVICES) 7410000 (PLANNING AND ZONING); AND FOR OTHER PURPOSES.

WHEREAS, the City of Atlanta ("City") authorized FC-4918A, Geotechnical, Environmental Engineering, Testing and Investigation Services ("Agreement") with ATC Associates, Inc. and C.E.R.M., Inc., a Joint Venture, on behalf of the Departments of Public Works, Parks, Recreations and Cultural Affairs, and Planning and Community Development, pursuant to Resolution 09-R-1707; and

WHEREAS, the term of the Agreement is for three (3) years with two (2) one (1) year renewal options to be exercised at the City's sole discretion effective December 18, 2009 through December 17, 2012; and

WHEREAS, the City authorized Amendment Agreement No. 1 to include the Department of Watershed Management as an additional authorized user of services, pursuant to Resolution 12-R-0294; and

WHEREAS, the Chief Procurement Officer executed a ninety (90) day extension letter to ATC Associates, Inc. and C.E.R.M., Inc., a Joint Venture extending the term of the Agreement to March 17, 2013; and

WHEREAS, the City Council approved Renewal Agreement No. 1 with a term of March 18, 2013 through March 17, 2014 pursuant to Resolution 13-R-0182; and

WHEREAS, the Department of Watershed Management requires geotechnical, environmental engineering, testing & investigation services to address soil remediation measures required by Georgia state law; and

WHEREAS, the required services include, but are not limited to, subsurface sampling investigation and characterization to determine the nature and extent (lateral and vertical) of soil contamination and to evaluate the remedial options located on the City's property at 310 Vine Street, NW; and

WHEREAS, the Commissioner of the Department of Watershed Management has recommended the issuance of a Task Order, pursuant to the Agreement, for geotechnical, environmental engineering, testing & investigation services for soil remediation services at 310 Vine Street NW to be performed by ATC Associates, Inc. and C.E.R.M., Inc., a Joint Venture in an amount not to exceed One Hundred Eighteen Thousand, Four Hundred Seventy-Five Dollars and Zero Cents (\$118,475.00).

THE CITY COUNCIL OF THE CITY OF ATLANTA, GEORGIA, HEREBY RESOLVES, that the Mayor, or his authorized designee, is authorized to issue a Task Order to ATC Associates, Inc. and C.E.R.M., Inc., a Joint Venture for FC-4918A, Geotechnical, Environmental Engineering, Testing & Investigation Services, on behalf of the Department of Watershed Management, in an amount not to exceed One Hundred Eighteen Thousand, Four Hundred Seventy-Five Dollars and Zero Cents (\$118,475.00) for soil remediation services at 310 Vine Street NW; and

AND FINALLY BE IT RESOLVED, that all contracted work will be charged to and paid from 5051 (Water and Wastewater Revenue Fund) 170602 (DWM Greenway Planning) 5212001 (Consulting and Professional Services) 7410000 (Planning and Zoning).

**A RESOLUTION
BY COUNCILMEMBER IVORY LEE YOUNG**

A RESOLUTION AUTHORIZING THE MAYOR TO ISSUE A TASK ORDER TO ATC ASSOCIATES, INC. AND C.E.R.M., INC., A JOINT VENTURE FOR FC-4918A, GEOTECHNICAL, ENVIRONMENTAL ENGINEERING, TESTING AND INVESTIGATION SERVICES, ON BEHALF OF THE DEPARTMENT OF WATERSHED MANAGEMENT, FOR SOIL REMEDIATION SERVICES AT 310 VINE STREET NW, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED EIGHTEEN THOUSAND, FOUR HUNDRED SEVENTY-FIVE DOLLARS AND ZERO CENTS (\$118,475.00); ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM 5051 (WATER AND WASTEWATER REVENUE FUND) 170602 (DWM GREENWAY PLANNING) 5212001 (CONSULTING AND PROFESSIONAL SERVICES) 7120000 (WATER RESOURCES); AND FOR OTHER PURPOSES.

WHEREAS, the City of Atlanta ("City") authorized FC-4918A, Geotechnical, Environmental Engineering, Testing and Investigation Services ("Agreement") with ATC Associates, Inc. and C.E.R.M., Inc., a Joint Venture, on behalf of the Departments of Public Works, Parks, Recreations and Cultural Affairs, and Planning and Community Development, pursuant to Resolution 09-R-1707; and

WHEREAS, the term of the Agreement is for three (3) years with two (2) one (1) year renewal options to be exercised at the City's sole discretion effective December 18, 2009 through December 17, 2012; and

WHEREAS, the City authorized Amendment Agreement No. 1 to include the Department of Watershed Management as an additional authorized user of services, pursuant to Resolution 12-R-0294; and

WHEREAS, the Chief Procurement Officer executed a ninety (90) day extension letter to ATC Associates, Inc. and C.E.R.M., Inc., a Joint Venture extending the term of the Agreement to March 17, 2013; and

WHEREAS, the Department of Watershed Management requires geotechnical, environmental engineering, testing & investigation services to address soil remediation measures required by Georgia state law; and

WHEREAS, the required services include, but are not limited to, subsurface sampling investigation and characterization to determine the nature and extent (lateral and vertical) of soil contamination and to evaluate the remedial options located on the City's property at 310 Vine Street NW; and

WHEREAS, the Commissioner of the Department of Watershed Management has recommended the issuance of a Task Order, pursuant to the Agreement, for geotechnical, environmental engineering, testing & investigation services for soil remediation services at 310

310 Vine Street
Task Order for Engineering Services for the City of Atlanta
Department of Watershed Management
Office of Watershed Protection

This Request for Proposals (RFP) is being issued to select a qualified consultant to conduct site characterization for the City of Atlanta property at 310 Vine Street NW, Atlanta, GA. Completion of this project is a critical path item for the conversion of the Vine City properties from a Department of Watershed Management holding to a public greenspace. It appears that the impacted soils may be related to fill material placed in the early 1900s when the former residential neighborhood was originally developed, but alternative scenarios should be considered.

Background

The Site is located at 310 Vine Street NW, Atlanta, GA 30314. Phase II Environmental Site Assessment at the Site identified lead concentration in soil borings at concentrations above the Hazardous Site Response Act (HSRA) notifiable concentration of 400 mg/kg.

An emergency-based "hot spot" removal project was undertaken in November and December 2012 using a step-wise phased approach; however, post excavation confirmation sampling continued to indicate the presence of elevated lead levels in the fill material south and west of the excavation area. Analyses of the native soil (~7 feet below land surface) did not indicate the presence of elevated lead in soils.

In order to proceed with the park design, it is necessary to understand the following:

- The nature and extent of lead impacted soils;
- Options for complete removal, *in situ* remediation, and risk-based remediation;
- Remediation and restoration scheduling.

Scope of Work Description

The scope of work (SOW) for this project consists of the following tasks:

1. Development of Sampling and Analysis Work Plan;
2. Soil Sampling and Characterization;
3. Reporting of Soil Characterization Results;
4. Evaluation of Remedial Options and Strategies; and
5. Project Management.

Task 1 – Development of Sampling and Analysis Plan

Task 1 will involve the development of a Sampling and Analysis Plan (SAP) for the Site. Previous soil sampling as part of the Phase II investigation identified lead concentrations in soil to be above the HRSA screening concentration. The SAP shall detail a phased approach for sampling to further define the nature and extent (lateral and vertical) of lead contamination at the Site. For budgeting purposes, the contractor should assume that there will be three phases of sampling, but include a fourth phase as a final contingency. The plan shall consist of field sampling design and rationale; analytical procedures; Quality Assurance Project Plan (QAPP); and site-specific Health and Safety Plan (HASP), including decontamination procedures and utility clearance survey plan.

Task 2 – Soil Sampling and Characterization

Based on the sampling results from the Phase II Environmental Assessment Report, additional sampling is required to define the extent of lead impacted soil at the Site. Specifically, the intent is to achieve a detailed characterization of lead and the lateral and vertical limits of lead contamination at the Site. Based on existing information, it appears that the impacted soils are limited to fill material brought from offsite and does not impact the native soils, which begin at a depth of approximately 7 feet below ground surface. The data from this task are considered critical for supporting evaluations of remedial action alternatives for the Site. Field sampling in this SOW shall be at least in three sub-tasks:

1. **Subtask 2a** shall consist of a broad-scale investigation to determine the outer aerial and vertical limits of the impacted soil.
2. **Sub-task 2b** shall consist of additional step-in borings and sampling to better define the extent (lateral and/or vertical) of lead contamination.
3. Based on the results of the outermost sampling (**Sub-task 2a**), and the additional step –in borings and sampling (**Sub-task 2b**), a third sampling event (**Sub-task 2c**) will or may be performed, if necessary, to further define the extent of the impacted soils.
4. For purposes of this proposal, and as a contingency, only, the Consultant shall include a fourth iteration for final delineation. This subtask should be included for cost estimating purposes, only.

The consultant shall work directly with the City's project technical manager to evaluate field results and identify follow-on sampling locations. Written approval shall be obtained from the City of Atlanta project manager before conducting any boring or sampling at the Site. Soil samples are to be analyzed for total lead on a 24-hour turnaround basis. All sampling locations are to be surveyed by a professional surveyor licensed in the state of Georgia.

Task 3 – Reporting of Soil Characterization Results

During the delineation phase (Task 2), the consultant shall work directly with the City's project technical manager to evaluate field results and identify follow-on sampling locations, in order to expedite the delineation of the nature and extent of lead-impacted soils. Following completion of the Soil Sampling and Characterization Task and evaluation of the analytical data, the consultant shall prepare a Technical Memorandum that fully documents the fieldwork completed, presents laboratory analytical data, and provides interpretation of the data and findings.

The Technical Memorandum will include the following content:

- A brief site description to clarify the site location, physiographic conditions, and current and historical geologic and hydrogeologic settings;
- An explanation of any deviations from the field procedures prescribed in the Sampling and Analysis Work Plan;
- A discussion of the field investigation and sampling methods used; a tabulation of the analytical results; and a presentation and interpretation of the field investigation and analytical results;
- A record of investigation-derived-waste management and disposal;
- A list of assumptions; and
- A list of references.

At a minimum, tables and figures in the Technical Memorandum will include the following:

- A site map showing the soil borings and sampling locations;
- Site maps showing the estimated extent (lateral and vertical) of lead contaminated soil;
- Cross-section profiles of lead distribution with depth from sampled locations;
- A listing of the analytical methods used; and
- A tabular summary with complete analytical results for all samples, including detected and non-detected results with qualifiers.

The Technical Memorandum will also contain appendices for:

- Analytical results, including certificates of analyses, chain-of-custody documentation, and data validation reports;
- Field notes, boring logs, photographic log; and
- Documentation of investigation-derived-waste final management.

Task 4 – Evaluation of Remedial Options and Strategies

The consultant shall provide, in tabular format, an analysis of exposure pathways and potential remedial options. At a minimum, for each option considered, this analysis shall include:

- Remediation options;
- Estimated cost for implementation;
- Schedule for implementation;
- Potential for public acceptance;
- Evaluation of short-term and long-term residual liabilities;
- Potential long-term restrictions;
- Analysis of long-term and short-term risks to public health, welfare and the environment assuming that the post-remediation use of the property will be a public park

Task 5 – Project Management

Project management activities will be addressed under this task. Specific activities to be addressed and included as part of the consultant's proposal must include the following:

- Project Kick-off meeting at Site visit;
- Routine project-related communications to be scheduled and budgeted at 1 hour per week, but to be executed on an as-needed basis;
- Up to 4 two-hour meetings to discuss project issues;
- Monthly invoices (3 copies), including copies of subcontractor invoices and documentation of labor hours, direct expense charges, indirect expense charges, and other project-related costs; and
- Monthly project status reports (electronic deliverable). Two copies of the Monthly Project Status Reports will be submitted to the COA.

The consultant will be responsible for generating meeting documentation.

Project Deliverables

The consultant awarded the project will prepare the following deliverables:

- **Sampling and Analysis Plan:** The consultant will develop a sampling and analysis work plan that consists of the items discussed in Task 1.

- **Task 2 Analytical Results:** At the completion of the step-out sampling and analysis, the consultant will report the analytical results including recommendations with rationale for additional step-in sampling plan.
- **Remedial Options and Strategies:** The consultant shall provide, in tabular format, an analysis of remedial options, including both long-term and short-term risk analysis for use of the post-remediation property as a public park.
- **Technical Memorandum:** The consultant shall provide one hard copy and one editable electronic copy of the draft Technical Memorandum to the City of Atlanta project manager for review and comments.

The consultant will receive one round of consolidated COA comments for review and adequately address all comments from the City. Upon approval from the City of Atlanta project manager, the consultant will submit five (5) hard copies and one PDF copy of the final Technical Memorandum within 2 calendar weeks.

Schedule

The schedule for completion of this project is April 30, 2013.



Task Order - End Result Project

Agreement Number: FC- 4918A, Geotechnical Environmental Engineering Testing and Investigation Services ("Agreement")

Task Order Number: 2013-001

Task Order Date: February 18, 2013

Task Order Maximum Payment Amount: \$118,475.00

The above referenced Task Order is made and entered into by and between the City of Atlanta ("CITY"), pursuant to the Agreement;

AND

ATC Associates, Inc. /C.E.R.M., Inc. a Joint Venture (ATC/CERM) ("CONSULTANT").

This Task Order is made a part of the Agreement between the City and the Consultant, together with all attached exhibits made a part of this Task Order.

Work will commence within two (2) business days of receiving the Notice-to-Proceed (NTP) from the City. The anticipated period of performance/delivery date for this Task Order begins as of the Commencement and Completion Dates on the Notice-to-Proceed unless a written modification to this Task Order is made by the City.

Task Order Services to be provided: Consultant shall perform all work related to this task order in accordance with the scope of work in the request for proposal titled "**310 Vine Street Task Order for Engineering Services for the City of Atlanta Department of Watershed Management Office of Watershed Protection**" and the Consultant's proposal (Dated February 15, 2013) attached and incorporated as Exhibit "A". Consultant shall develop sampling analysis plan (SAP), conduct soil sampling and characterization, report soil characterization results, evaluate remedial options and strategies and perform project management at the City property located at and in the vicinity of 310 Vine Street NW, Atlanta, GA.

Task Order Milestones ATC/CERM will provide:

1. Sampling analysis plan (SAP).
2. Soil sampling analytical results.
3. Analysis of remedial options and strategies.
4. Technical memorandum.

Additional Task Order Provisions:

1. ATC/CERM will survey sampling locations.
2. Utility survey and clearance shall be obtained by ATC /CERM.
3. ATC/CERM shall manage all of investigation-derived-waste (IDW).

Agreement Number: FC- 4918A, Geotechnical Environmental Engineering Testing and Investigation Services ("Agreement")

Task Order Number: 2013-001

Task Order Consultant: ATC/CERM

Key Task Order Personnel: Contract Manager, Project Manager, Task Order Manager and Field Technicians.

Staffing Proposal: **Included in Exhibit A**

City Project Contact Information:

Kristina Teepen Garcia, PG
Department of Watershed Management
72 Marietta Street NW
6th Floor
Atlanta, GA 30303
Phone: 404-546-1255
Fax: 404-546-8278
E-Mail: kgarcia@atlantaga.gov

Consultant Project Contact Information:

Albert Edwards
ATC/CERM dba CARDNO ATC
2296 Henderson Mill Road
Suite 200
Atlanta, GA 30345
Phone: 678-999-0173
Fax: 678-999-0186
E-Mail: aedwards@cerm.com

Agreement Number: FC- 4918A, Geotechnical Environmental Engineering Testing and Investigation Services ("Agreement")

Task Order Number: 2013-001

Task Order Consultant: ATC/CERM

Estimated Labor Hours and Associated Fee for Task by Labor Category: **Included in Exhibit A**

Task Order Terms for Expenses: **Reimbursable at cost**

Estimated MBE/WBE Summary:

MBE/WBE Firms Utilized in Task Order:

Estimated MBE Percentage: 50.0% Amount: 0.0%

Estimated WBE Percentage: 0.0% Amount: 0.0%

Total Estimated MBE/WBE Percentage: 50.0% Amount: 0.0%

Task Order Billing and Payment Terms: Attached and incorporated as Exhibit "A" per agreement FC-4918A

City Invoicing Contact Information:
Kristina Teepen Garcia, PG
Department of Watershed Management
72 Marietta Street NW
6th Floor
Atlanta, GA 30303
Phone: 404-546-1255
Fax: 404-546-8278
E-Mail: kgarcia@atlantaga.gov

Consultant Project Contact Information:
Albert Edwards
ATC/CERM dba CARDNO ATC
2296 Henderson Mill Road
Suite 200
Atlanta, GA 30345
Phone: 678-999-0173
Fax: 678-999-0186
E-Mail: aedwards@cerm.com

Agreement Number: FC- 4918A. Geotechnical Environmental Engineering Testing and Investigation Services ("Agreement")

Task Order Number: 2013-001

Task Order Consultant: ATC/CERM

Attachments: Exhibit A: Cardno TBE Proposal (subcontractor to ATC/CERM)

Exhibit B: DWM Request for Proposal

Estimated Labor Hours and Associated Fee for Task by Labor Category:

Labor Category	Quantity/ Rate	Estimated Hours/ Unit Cost per Category	Total Estimated Fee per Category
Task 1 - Development of Sampling Analysis Plan			
Consultant Service Coordinator	5	\$150.00	\$750.00
Sr. Environmental Engineer	80	\$95.00	\$7,600.00
Professional Engineer	10	\$85.00	\$850.00
Project Manager	30	\$75.00	\$2,250.00
Staff Engineer	5	\$75.00	\$375.00
CADD	18	\$65.00	\$1,170.00
Administrative Assistant Sr.	8	\$35.00	\$280.00
		Subtotal	\$13,275.00
Task 2 - Soil Sampling and Characterization			
Subtask 2a.			
Consultant Service Coordinator	1	\$150.00	\$150.00
Sr. Environmental Engineer	40	\$95.00	\$3,800.00
Professional Engineer	4	\$85.00	\$340.00
Project Manager	4	\$75.00	\$300.00
Staff Engineer		\$75.00	\$0.00
CADD	6	\$65.00	\$390.00
Administrative Assistant Sr.	2	\$35.00	\$70.00
Subtask 2b.			
Consultant Service Coordinator	1	\$150.00	\$150.00
Sr. Environmental Engineer	40	\$95.00	\$3,800.00
Professional Engineer	4	\$85.00	\$340.00
Project Manager	4	\$75.00	\$300.00
Staff Engineer		\$75.00	\$0.00
CADD	6	\$65.00	\$390.00
Administrative Assistant Sr.	2	\$35.00	\$70.00
Subtask 2c.			
Consultant Service Coordinator	1	\$150.00	\$150.00
Sr. Environmental Engineer	40	\$95.00	\$3,800.00
Professional Engineer	4	\$85.00	\$150.00
Project Manager	4	\$75.00	\$300.00
Staff Engineer		\$75.00	\$0.00
CADD	6	\$65.00	\$390.00

Agreement Number: FC- 4918A, Geotechnical Environmental Engineering Testing and Investigation Services ("Agreement")

Task Order Number: 2013-001

Task Order Consultant: ATC/CERM

Administrative Assistant Sr. Subtask 2d. (contingency)	2	\$35.00	\$70.00
Consultant Service Coordinator	1	\$150.00	\$150.00
Sr. Environmental Engineer	40	\$95.00	\$3,800.00
Professional Engineer	4	\$85.00	\$340.00
Project Manager	4	\$75.00	\$300.00
Staff Engineer		\$75.00	\$0.00
CADD	6	\$65.00	\$390.00
Administrative Assistant Sr.	2	\$35.00	\$70.00
Split Spoon/Hand Auger Drilling Services	15	2,350.00	35,250.00
Sample Location Survey	3	2,500.00	7,500.00
Analytical	100	50.00	5,000.00
Investigation-Derived Waste	32	150.00	4,800.00
Supplies	1	382.50	382.50
		Subtotal	\$72,942.50
Task 3 - Reporting of Soil Characterization Results			
Consultant Service Coordinator	9	\$150.00	\$1,350.00
Sr. Environmental Engineer	80	\$95.00	\$7,600.00
Professional Engineer	25	\$85.00	\$2,125.00
Project Manager	30	\$75.00	\$2,250.00
Staff Engineer		\$75.00	\$0.00
CADD	26	\$65.00	\$1,690.00
Administrative Assistant Sr.	4	\$35.00	\$140.00
		Subtotal	\$15,155.00
Task 4 - Evaluation of Remedial Options and Strategies			
Consultant Service Coordinator	10	\$150.00	\$1,500.00
Sr. Environmental Engineer	60	\$95.00	\$5,700.00
Professional Engineer	10	\$85.00	\$850.00
Project Manager	10	\$75.00	\$750.00
Staff Engineer		\$75.00	\$0.00
CADD		\$65.00	\$0.00
Administrative Assistant Sr.	1	\$35.00	\$35.00
		Subtotal	\$8,835.00
Task 5 - Project Management			
Consultant Service Coordinator	2	\$150.00	\$300.00
Sr. Environmental Engineer	5	\$95.00	\$475.00
Professional Engineer		\$85.00	\$0.00
Project Manager	90	\$75.00	\$6,750.00
Staff Engineer		\$75.00	\$0.00
CADD	5.5	\$65.00	\$357.50
Administrative Assistant Sr.	11	\$35.00	\$385.00

Agreement Number: FC- 4918A, Geotechnical Environmental Engineering Testing and Investigation Services ("Agreement")

Task Order Number: 2013-001

Task Order Consultant: ATC/CERM

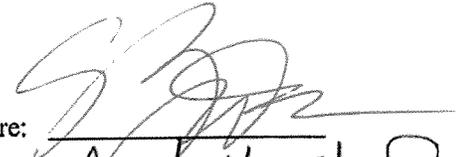
		Subtotal	\$8,267.50
PROJECT TOTALS			\$118,475.00

* UNLOADED DIRECT EXPENSES

Authorized Representatives and Signatures:

City of Atlanta Representative: Eric Glover

Signature:



Consultant Representative: Albert Edwards

Signature:

