

RESOLUTION NO. 2019-21

A RESOLUTION AUTHORIZING THE ISSUANCE OF AN AMENDATORY SUPPLEMENTAL CHANGE ORDER NO. 1 TO CONTRACT NO. C18-0086, ISSUED TO ENVIRONMENTAL STRATEGIES & APPLICATIONS, INC., MIDDLESEX, NJ, IN THE AMOUNT OF \$10,800.00.

WHEREAS, the City Council of the City of Vineland, on October 9, 2018, adopted Resolution No. 2018-397, entitled "A RESOLUTION AUTHORIZING AN AGREEMENT FOR PROFESSIONAL SERVICES WITH ENVIRONMENTAL STRATEGIES & APPLICATIONS, INC., MIDDLESEX, NJ, FOR PUBLIC WORKS GROUNDWATER CONTAMINATION REMEDIAL SUPPORT, IN AN AMOUNT NOT TO EXCEED \$305,619.00"; and

WHEREAS, N.J.A.C. 5:30-11.1, et seq., sets forth the requirements for the processing of change orders; and

WHEREAS, the management personnel of the City Engineer's Division has requested that an amendment be made to contract awarded to Environmental Strategies & Applications, Inc., Middlesex, NJ for Public Works Groundwater Contamination Remedial Support, as authorized by Resolution No. 2018-397: said amendment is made necessary to provide for pre-demolition asbestos building inspection and lead-based paint survey at the Department of Public Works garage; this change order will also include all reporting of asbestos and lead within the building; and

WHEREAS, the City of Vineland desires to comply with said requirements of N.J.A.C. 5:30-11.1, et seq., and to that end herewith files with the governing body a report stating the facts involved and indicating that the proposed change order may be allowed under these regulations; and

WHEREAS, the Chief Financial Officer has certified the availability of funds for the amendatory supplemental change order for which authorization is requested in the amount of \$10,800.00; now, therefore,

BE IT RESOLVED by the Council of the City of Vineland that said amendatory supplemental change order to Contract No. C18-0086, issued to Environmental Strategies & Applications, Inc., Middlesex, NJ, in the amount of \$10,800.00, be and the same is hereby ratified and approved.

Adopted:

President of Council

ATTEST:

City Clerk



January 15, 2019

REPORT

TO: THE MAYOR AND COUNCIL

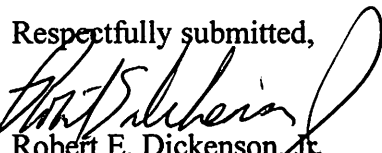
Amendatory Supplemental Change Order No. 1
Contract No. C18-0086
Public Works Groundwater Contamination Remedial Support
Environmental Strategies & Applications, Inc., Middlesex, NJ

We are requesting that an amendatory supplemental change order be issued to Contract No. C18-0086, issued to Environmental Strategies & Applications, Inc., Middlesex, NJ for Public Works Groundwater Contamination Remedial Support. This contract was authorized by Resolution No. 2018-397, adopted by City Council on October 9, 2018.

The change order requested, in the amount of \$10,800.00, will provide for pre-demolition asbestos building inspection and lead-based paint survey at the Department of Public Works garage. This change order will also include all reporting of asbestos and lead within the building.

This change order represents, an increase of approximately 3.5339% over the original contract amount of \$305,619.00.

The amendatory supplemental change order for which authorization is herein requested may be authorized in accordance with N.J.A.C. 5:30-11.1 et seq.

Respectfully submitted,

Robert E. Dickenson, Jr.
Business Administrator

RD/wr
Encl.

REQUEST FOR CHANGE ORDER



FOR:

Public Works Groundwater Contamination Remedial Support

PROJECT NAME

TO: BUSINESS ADMINISTRATION

DEPARTMENT: Engineering FROM: Mike Russo

This is a request for change order # 1 to Contract # C18-0086 for:

Project Name Public Works Groundwater Contamination Remedial Support

Name/Address of

Contractor: Environmental Strategies & Applications, Inc. 495 Union Avenue, Suite 1D, Middlesex, NJ 08846

The change order is necessary because: (use additional pages if necessary to explain your reason and you must attach *documentation to support the necessity of this change order.

*(Documentation from contractor, engineer, etc.)

It is believed that the existing garage at the DPW yard contains Asbestos and lead-based paint. It is necessary to have the building surveyed

for asbestos and lead prior to building demolition. This change order will include all reporting of asbestos and lead within the building.

Original Contract Amount:	\$ <u>305,619.00</u>
Amount of this change order:	\$ <u>10,800.00</u>
Previous Change Orders:	\$ <u>0</u>
Total Revised Amount:	\$ <u>316,419.00</u>

APPROVED BY: David Maillet
Print/type

[Signature]
Signature

NOTE:

CHANGE ORDERS CANNOT EXCEED 20% OF THE ORIGINAL CONTRACT AMOUNT

Please provide the account number that the change order will be charged to:

Account # 021-0-00-00-0000-2-5548601 C0400000142378601

CC: Purchasing Division

[Signature]



December 21, 2018

Mr. Brian Myers, PE
City of Vineland
640 East Wood Street
PO Box 1508
Vineland, NJ 08362-1508

**Re: ESA Change Order #: 2381
Pre-Demolition Asbestos Building Inspection & Lead-Based Paint Survey
Vineland Department of Public Works
1086 East Walnut Road
Vineland, Cumberland County, New Jersey 08360**

Dear Mr. Myers:

Environmental Strategies & Applications, Inc. (ESA) is pleased to present this change order to the City of Vineland ("CLIENT") to perform pre-demolition asbestos containing material (ACM) building inspection and lead-based paint (LBP) survey at the above referenced property (Site).

1.0 Background

As part of the on-going soil and ground water remediation, Client intends to demolish the existing maintenance garage at the Site. Prior to demolition the State of New Jersey's Department of Community Affairs (DCA), which administers/enforces asbestos regulations in the state through the Uniform Construction Code, issued a directive to all local building code officials within the state not to issue a demolition permit without the completion/documentation of an asbestos pre-demolition survey. This directive is applicable to both residential and commercial structures.

The purpose of the pre-demolition asbestos building inspection and sampling is to conform with the DCA directive and confirm the absence and/or presence of asbestos in any suspected asbestos containing building materials in the buildings at the Site. This inspection is destructive in nature to identify potential ACM in concealed areas such as, behind walls, above ceilings, etc. Where asbestos is identified, ACM must be abated by a New Jersey Licensed Asbestos Contractor prior to the structure/building demolition.

The maintenance garage is approximately 5,450-square feet in size that includes a 5,000-gsquare foot garage area and a 450-square foot office and lavatory area. ESA is estimating the number of samples that

ENVIRONMENTAL STRATEGIES & APPLICATIONS, INC.

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will be collected as part of the ACM building inspection based on size, usage and previously obtained information.

2.0 Scope of Work – Pre-Demolition Asbestos Building Inspection

ESA will provide an EPA-AHERA Asbestos Building Inspector, a field vehicle and sampling equipment to conduct the pre-demolition asbestos building inspection. ESA will inspect the following building materials:

- Blown-in attic insulation
- Glue that attaches floor tiles to concrete or wood (also called "mastic")
- Some forms of linoleum
- Window caulking or glazing
- Roofing and siding materials
- HVAC duct insulation (usually found in corrugated or flat paper form)
- Plaster and wallboard compound
- Fiber cement siding (usually 1/8" thick and 8' x 4', brittle)

ESA will group the above materials into homogeneous sampling areas (HSAs) and quantify each material. Based on the quantity of material in each homogeneous area, ESA will collect a satisfactory number of bulk samples to confirm the negative asbestos content pursuant to the Environmental Protection Agency Asbestos Hazard Emergency Response Act (AHERA) regulations. The bulk samples will be initially analyzed using polarized light microscopy (PLM). After the PLM analysis ESA will evaluate the sample results and compare them to the following criteria:

- Greater than 1% asbestos will be considered an ACM;
- Less than 1% asbestos will be considered negative asbestos content; and
- No asbestos fibers detected will be considered non-ACM.

If the PLM analysis indicates that non-friable organically bounded materials contain negative asbestos content, those samples also will be analyzed using transmission electron microscopy (TEM) to confirm non-asbestos results. If the PLM analysis indicates that friable materials contain negative asbestos content, those samples will also be analyzed using the PLM point count methodology.

For the purposes of this proposal, ESA anticipates the collection and analysis of forty-five (45) samples for PLM analysis, thirty-three (33) samples for TEM analysis and twelve (12) samples for PLM point count analysis. Below is a breakdown of ESA anticipated homogeneous sampling areas (HSA), the quantity of material and number of PLM samples:

HSA	Material	Approx. Sq. Ft.	No. of sample locations	Assumed Layers	Total Samples
1	Roofing	>5,000	7	3	21
2	Caulking (window or other)	<1,000	3	1	3
3	Floor tile	<1,000	3	2	6
4	Pipe insulation	<1,000	3	1	3
5	Boiler insulation	<1,000	3	1	3
6	Electrical wire sheathing	<1,000	3	1	3
7	Unknown (friable)	<1,000	3	1	3
8	Unknown (non-friable)	<1,000	3	1	3
Total					45

All samples will be analyzed at a New Jersey accredited analytical laboratory.

3.0 Scope of Work – Pre-Demolition LBP Building Survey

ESA will conduct an LBP survey of the maintenance garage. The LBP survey will employ x-ray fluorescence (XRF) technology which will provide direct reading of lead levels on tested surfaces. Survey will be completed by a NJDHSS Certified Lead Inspector/Risk Assessor.

ESA may also collect paint chip samples pursuant to NJ regulations and industry standards. Final number and type of samples will be based on survey results and site conditions. Samples will be analyzed at a State of New Jersey Accredited Analytical Laboratory.

4.0 Letter Report

ESA will prepare a comprehensive pre-demolition ACM and LBP survey report which identifies the presence, quantity and location of ACM and LBP within the maintenance garage.

5.0 Price Summary

The estimated time and materials price to complete the ACM survey is **\$8,430.00**. The estimated time and materials price to complete the LBP survey is **\$2,370.00**.

If additional bulk samples for asbestos are required based on the inspection, each sample will be additionally invoiced at the following laboratory prices:

Asbestos and Lead Lab Analyses

- PLM (\$17.50/sample)
- TEM (\$66.75/sample)

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- Point Count (\$50.00/sample – if required)
- Lead chip sample (\$19.50/sample)

6.0 Change Order ^2381 Acceptance

The above prices and specifications of this CHANGE ORDER are satisfactory and are hereby accepted. All work will be performed under the same terms and conditions as specified in the original contract unless otherwise stipulated.

If you have any questions regarding this proposal, please call me to discuss at 732-469-8888, or my cell phone 732-682-6639. Thank you for the opportunity to assist you in this regard.

Sincerely,

For ENVIRONMENTAL STRATEGIES AND APPLICATIONS, INC.



Marc Bunting
Project Manager

For Client

Accepted By: _____ Date: _____
(Client)

(Printed Name)