

SALEM COUNTY IMPROVEMENT AUTHORITY

RESOLUTION 2021-74

June 10, 2021

**A RESOLUTION AUTHORIZING CHANGE ORDER #4 TO THE CONTRACT
FOR CONSTRUCTION AND INSTALLATION
OF EXPANSION OF THE METHANE GAS COLLECTION SYSTEM**

WHEREAS, on August 13, 2020, the Salem County Improvement Authority awarded a contract to Atlantic Lining Company, Inc., for construction and installation of a methane gas collection system in the amount of Five Hundred, Ninety-Four Thousand, Two Hundred, Nineteen Dollars (\$594,219.00); and

WHEREAS, on October 8, 2020, a necessary Change Order #1 resulted in a decrease to the cost of the contract in the amount of Sixteen Thousand, Four Hundred, Fifteen Dollars (\$16,415.00) for a total contract amount of Five Hundred, Seventy-Seven Thousand, Eight Hundred, Four Dollars (\$577,804.00); and

WHEREAS, on November 12, 2020, a necessary Change Order #2 resulted in an increase to the cost of the contract in the amount of Fifteen Thousand, Three Hundred Dollars (\$15,300.00) for a total contract amount of Five Hundred Ninety-Three Thousand, One Hundred and Four Dollars (\$593,104.00); and

WHEREAS, on December 10, 2020, a necessary Change Order #3 resulted in an increase to the cost of the contract in the amount of Thirty-Two Thousand, Seven Hundred Ninety Dollars (\$32,790.00) for a total contract amount of Six Hundred Twenty-Five Thousand, Eight Hundred and Ninety-Four Dollars (\$625,894.00); and

WHEREAS, it has come to light that a there was a correction to a credit amount for drilling depth reduction and same contained a typographical error in that the deduction should have been \$58,384 (not \$59,808); and

WHEREAS, the typographical error resulted in a contract increase of One Thousand, Four Hundred, Twenty-four Dollars (\$1,424.00);

NOW, THEREFORE, BE IT RESOLVED by the Salem County Improvement Authority Board as follows:

1. The Salem County Improvement Authority Board Authorizes Change Order #4 to the Contract with Atlantic Lining Company, Inc. as noted above to increase the total amount to of One Thousand, Four Hundred, Twenty-four Dollars (\$1,424.00) for a total contract amount of Six Hundred Twenty-Seven Thousand, Three Hundred and Eighteen Dollars (\$627,318.00).

WHEREAS, funds are available in the full amount of \$1,424.00 for Change Order #4 and same have been certified by the Certifying Financial Officer;

Vendor: Atlantic Lining

Account Number	Amount	Department Description
60-16-124-02	\$1,424.00	Cell 10-Construction

2. The Salem County Improvement Authority authorizes its Executive Director to execute said change order.

ATTEST:



Steven DiMatteo, Alt. Secretary/Treasurer



Cordy Taylor, Chairman

CERTIFICATION

I hereby certify the above to be a true copy of a resolution adopted by the Salem County Improvement Authority at a regular meeting held on June 10, 2021.



Steven DiMatteo, Alt. Secretary/Treasurer

Work Change Directive

No. 4

Date of Issuance: 5/20/21 Effective Date: _____

Project: 2020 GCCS Expansion	Owner: SCIA	Owner's Contract No.:
Contract: Salem County Improvement Authority Landfill 2020 GCCS Expansion		Date of Contract: 8/26/20
Contractor: Atlantic Lining Company, Inc. (ALCO)		Engineer's Project No.: 02218820.01

Contractor is directed to proceed promptly with the following change(s):

Item No.	Description
WCD 4	Correction to credit amount for drilling depth reduction. Originally, Calculated as \$59,808, but due to a typo was in error. Actual Deduction should have been \$58,384, which results in a contract Increase of \$1,424.

Attachments (list documents supporting change):

Spreadsheet summarizing change orders for this project and highlighting correction.

Purpose for Work Change Directive:

Authorization for Work described herein to proceed on a Unit Cost basis per Contract due to:

- Nonagreement on pricing of proposed change.
- Necessity to expedite Work described herein.

Estimated change in Contract Price and Contract Times (see attached spreadsheet):

Contract Price +\$1,424 (increase) Contract Time 0 (increase)
days

Recommended for Approval by Engineer: <i>Eric Peterson</i>	Date 5/20/21
Authorized for Owner by: <i>Julie A. Acton</i>	Date 5/24/21
Received for Contractor by: <i>[Signature]</i>	Date 5/21/21

CHANGE ORDERS 1 - 3 SUMMARY

ADD-ON

2" Air (ft)	3" Force Main (ft)	6" Vacuum (ft)
152	152	269
92	92	177
234	234	172
123	123	170

Total Lengths (ft)	601	601	788
Unit Price	\$ 3.00	\$ 22.00	\$ 36.00
Total Prices	\$ 1,803.00	\$ 13,222.00	\$ 28,368.00
Total Increase	\$ 43,393.00		

CORRECTED DEDUCT

Original Drilling Depths	492
New Drilling Depths	328
Total Footage Difference	164
Unit Price	\$ 356.00
Total Price Reduction	\$ 58,384.00

Net Difference Between Add-ons and Deductions	\$(14,991.00)
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ORIGINAL DEDUCT CALCULATION

Original Drilling Depths	496
New Drilling Depths	328
Total Footage Difference	168
Unit Price	\$ 356.00
Total Price Reduction	\$ 59,808.00

Price Reduction
Correction Difference \$ 1,424.00

SCIA Gas System Expansion Change Order Summary

CO Number	Change Amount
1	-\$14,991
2	\$15,300
Subtotal	\$309
3	\$32,790
Total	\$33,099

June 4, 2021
File No. 90000001.02

Julie Acton, Director
Salem County Improvement Authority
286 Welchville Road
Alloway, NJ 08001

Subject: NSPS Tier 2 Sampling and Reporting Proposal – Salem County Landfill

Dear Julie:

As you know, the Salem County Landfill is subject NSPS, Subpart XXX regulations which require that your non-methane organic compound (NMOC) emissions from the landfill be estimated to determined when full compliance with these regulations is to begin. To do this, NMOC sampling using USEPA's Tier 2 methodology is conducted every five years to determine the site-specific NMOC concentration in your landfill gas. The NMOC concentration is used to estimate your NMOC emission rates for each of the next five years. The previous report provided emission rates for the years 2017 through 2021.

A new Tier 2 sampling report needs to be prepared and submitted to USEPA that estimates emissions beginning in 2022. This proposal has been prepared to perform the tasks associated with determining and reporting your NMOC emission rates to USEPA.

TIER 2 NMOC SAMPLING AND REPORTING

Tier 2 NMOC sampling and report involves of number of tasks, including:

- The development of a NMOC sampling protocol that is submitted to USEPA for approval
- Negotiation and follow-up with USEPA on any sampling protocol comments
- Landfill gas sampling and laboratory analysis for NMOCs per the approved protocol
- NMOC emissions estimate calculations
- Report preparation and submittal to USEPA.

SCS will accomplish the above tasks prior to the start of 2022 (depending on protocol approval timeframe) to create the next 5-year estimate of NMOC emissions. For budgeting purposes, we have assumed that USEPA will approve composite sample collection at the flare station based on a comprehensive gas collection system in place. If probes are required to be installed by USEPA in the waste mass, our fee will need to be adjusted accordingly.

BUDGET

SCS proposes to perform these services on a fixed fee basis with a budget of \$7,500. If you have any questions or need additional information, please call.



Mr. Julie Acton
June 4, 2021
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Sincerely,

A handwritten signature in black ink that reads "Julie Bethke". The letters are cursive and fluid, with a large initial 'J'.

Julie Bethke
Senior Project Professional
SCS Engineers

A handwritten signature in black ink that reads "Eric Peterson". The signature is cursive and includes a large, stylized initial 'E'.

Eric R. Peterson, P.E.
Vice President
SCS Engineers