

SALEM COUNTY IMPROVEMENT AUTHORITY

RESOLUTION No. 2024-59

September 12, 2024

**RESOLUTION OF THE SALEM COUNTY IMPROVEMENT AUTHORITY
AUTHORIZING SCS ENGINEERS CONSULTING SERVICES TO PROVIDE
ENGINEERING SERVICES TO ASSIST WITH THE LANDFILL GAS COLLECTION
SYSTEM BIDDING AND CQA SERVICES**

WHEREAS, the installation of the Landfill Gas Collection System expansion is intended to reduce landfill emissions to improve offsite odor control; and

WHEREAS, pursuant to Resolution 2024-30, SCS Engineers (“SCS”) has submitted qualifications and was approved by the Board through a fair and open process to render the type of engineering services identified in this project; and

WHEREAS, pursuant to Resolution 2024-48, SCS was authorized to finalize the Landfill Gas Collection System expansion design drawings, to prepare bid documents and specifications to solicit bids from qualified contractors, to provide CQA services to include observing the Landfill Gas Collection System expansion construction activities (gas collection system expansion) by a third party contractor and documenting that the installation is in accordance with the intent of the design; and

WHEREAS, additional time and engineering services are required beyond what was included in the original SCS CQA proposal.

WHEREAS, the original proposal was based on 5 weeks of work at 5 days/week and 8 hours/day. Due to longer work days by the Contractor, SCS field time has exceeded the budgeted amount. Additionally, several portions of the system, redesign efforts were necessitated by field conditions that differed from the design conditions. As such, additional engineering and project management time by office staff is required; and

WHEREAS, the additional necessary engineering and CQA work will cost the sum of Nine Thousand, Four Hundred and Eighty-Two (\$9,482.00) dollars, as contained in the proposal attached hereto as Exhibit A and made a part of this resolution by way of reference; and


WHEREAS, funds are available in the full amount of the cost of the engineering services and same has been certified by the Certifying Financial Officer.

Vendor: SCS Engineers.

<u>Account Number</u>	<u>Amount</u>	<u>Department Description</u>
61-16-125-000	\$9,482.00	Construction Projects (Capital)

NOW, THEREFORE, BE IT RESOLVED that the SCS Consulting is hereby authorized to perform the necessary engineering services as outlined in the proposal attached hereto as Exhibit A, at a cost not to exceed \$9,482.00.

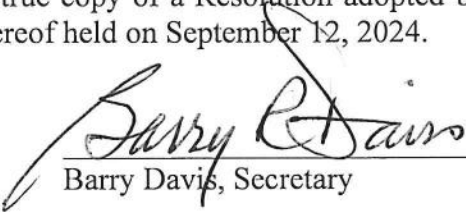
ATTEST:


Barry Davis, Secretary


Susan Bestwick, Chairperson

CERTIFICATION

I certify that the foregoing is a true copy of a Resolution adopted by the Salem County Improvement Authority at a meeting thereof held on September 12, 2024.


Barry Davis, Secretary

July 1, 2024 – *REVISED August 14, 2024*
File No. 02218820.06

Mrs. Julie Acton
Executive Director
Salem County Improvement Authority
286 Welchville Road; PO Box 890
Alloway, NJ 08001

Subject: 2024 Gas Collection System Expansion CQA Services *REVISED* Change Order Request

Dear Julie:

We are submitting this second revised change order request for ongoing construction quality assurance (CQA) of the gas system expansion being installed by ALCO. The reason for this request is the additional time required beyond what was included in our CQA proposal. Summarized below are the factors that impacted project costs:

1. Our proposal was based on 5 weeks of work at 5 days/week and 8 hours/day. Due to longer work days by the Contractor, our field time has exceeded the budgeted amount.
2. For several portions of the system, redesign efforts were necessitated by field conditions that differed from the design conditions. As such, additional engineering and project management time by office staff was required.

A revised fee estimate spreadsheet is attached reflecting the difference between our proposal estimate and actual anticipated amounts. The original change order amount assumed field work would be completed by June 28th based on the contractor's previous request for a final walk through on June 26th. We now know that work will continue for several days this week. Post construction, engineering time also is needed for the CQA report and as-built drawings.

This second revision to our change order request is based on our meeting at the site yesterday. Based on our discussions with you, SCS is reducing the change order amount by \$5,900 as discussed in my email to you earlier today.

We appreciate your consideration. If you have any questions or need additional information, please contact Eric Peterson at 609.654.4000.

Sincerely,



Christopher Woloszyn, EIT
Senior Project Professional
SCS Engineers



Eric R. Peterson, P.E.
Project Director
SCS Engineers



ATTACHMENT A
SCIA 2024 GCCS EXPANSION CQA SERVICES - REVISED CHANGE ORDER
2nd REVISED FEE ESTIMATE

DESCRIPTION	Proposed Construction Engineering		TO DATE 7/1/24 Construction Engineering		EXPECTED TO END PROJECT Construction Engineering		Change Order Net Increase	
	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
<u>Title</u>	<u>Rate \$/Hour</u>							
Project Director 2	245		44	\$10,780	6	\$1,470	26	\$6,370
Project Manager 1	160		0	\$0	0	\$0	-4	(\$640)
Sr. Project Professional	145		10	\$1,450	8	\$1,160	-22	(\$3,190)
Project Professional	130		28	\$3,640	0	\$0	28	\$3,640
Staff Professional	95		8.5	\$808	0	\$0	1	\$48
Assoc. Staff Professional	80		319.5	\$25,560	45	\$3,600	305	\$24,360
Administration	60		0.5	\$30	1	\$60	2	\$90
CQA Engineer	80		200	\$16,000	0	\$0	-200	(\$16,000)
Total Labor	--		336	\$33,880	411	\$42,268	60	\$6,290
<u>Other Direct Costs</u>	<u>Cost \$/Unit</u>		<u>Units</u>	<u>Cost</u>	<u>Units</u>	<u>Cost</u>	<u>Units</u>	<u>Cost</u>
Computer Processing (per hour)	\$4.00		136	\$544		\$0	0	0
Field Equipment	\$30		25	\$750	27	\$810	8	240
Truck (per day)	\$80.00		28	\$2,240	32	\$2,560	5	400
Lodging/Per Diem	\$120.00		10	\$1,200	10	\$1,200	--	0
Total ODCs	--		--	\$4,734	--	\$5,114	--	640
G&A (on ODCs)	10.0%		--	\$473	--	\$511	--	64
TOTAL COST (Labor, ODCs, and G&A)				\$39,087		\$47,893		\$15,382

FUTURE
Discount (\$5,900)
Final Amount \$9,482