

Michael L. Gitter, P.E.  
Water Utility Director  
  
Nathaniel Tillis  
Wastewater Utility Director



Kenneth M. Scolaro, C.P.A.  
Administrative Manager  
  
Chad W. Regalia, P.E.  
Chief Engineer

September 19, 2023

Board of Wastewater Commissioners:

Mayor Cory Mason  
Alder Mollie Jones  
Alder Terry McCarthy  
Anthony Beyer  
Anthony Bunkelman  
Claude Lois  
Dean Rosenbaum

Jason Meekma  
John Hewitt  
John Tate II  
Natalia Taft  
Paul Vornholt  
Stacy Sheppard

**SUBJECT: Change Order No. 1 – Contract D-22 – Biogas Conditioning Project**

Dear Commissioners:

Submitted for your review and approval is Change Order No. 1 – Contract D-22 – Biogas Conditioning Project, Lee Mechanical (contractor), in the amount of **\$53,035.96**. This change order is for the addition of four gas monitors, a control panel, wiring, conduit, and communications to existing tunnels that will house biogas transmission lines. With existing equipment out-of-date and not compatible with the new system, this change order is necessary for the new equipment to be operated safely and efficiently.

The original contract amount is \$1,853,000.00. Approval of Change Order No. 1 would bring the total contract amount to \$1,906,035.96. This change order reflects an increase of **2.9%** on the original contract amount.

Sincerely,

Nate Tillis  
Wastewater Utility Director

NT/jb

Enclosure

# CONTRACT CHANGE ORDER (CCO)

CHANGE ORDER

WRITTEN AMENDMENT

CHANGE NO: 001

TO CONTRACTOR: Lee Mechanical

PROJECT: WWTP Biogas Conditioning Project

PROJECT NO: D-22

OWNER: Racine Wastewater Utility

ENGINEER: SEH

The following modification(s) to the Contract are hereby ordered (use additional pages if required):

- |   |  |             |
|---|--|-------------|
| 1 | Replace Combustible Gas Detection Equipment in Main Equipment Building 185 on a Time and Materials basis (Not to Exceed Price) | \$53,035.96 |
|---|--|-------------|

**Total: \$53,035.96**

**Reason for Modification(s):**

- Contract D-22 Drawings 185R2 & 185E2 call for relocation of an existing Combustible Gas Detection (CGD) Panel and alarm light. Racine staff have advised that this existing Main Equipment Bldg 185 CGD system is out of date and is therefore not compatible with other recently updated CGD systems elsewhere within the plant. Racine staff have requested that the existing CGD panel and 2 existing CGD sensors be replaced. Racine staff have also requested that 2 more CGD sensors be added. The new CGD panel will need to be rewired to 185-PLC-4, and to the relocated exterior alarm strobe.

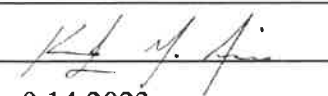

**Attachments (List Supporting Documents):**

Lee Mechanical PCO No. 2

Contract Amount or Price		Contract Times (Calendar Days)*	
Original	\$1,853,000.00	Original Duration	540 Days
Previous Contract Modification(s) (Add/Deduct)	\$0.00	Previous Contract Modification(s) (Add/Deduct)	0 Days
This Contract Modification (Add/Deduct)	\$53,035.96	This Contract Modification (Add/Deduct)	0 Days
Revised Contract Amount	\$1,906,035.96	Revised Contract Time	600 Days

Original Contract Completion: January 21, 2025

Revised Contract Completion: No Change

Owner	Contractor	Engineer Recommendation
By: _____	By: 	By: 
Date: _____	Date: <u>9.14.2023</u>	Date: <u>9/13/2023</u>

002



August 10, 2023

Al Bush  
SEH

**Reference:** Project Name: Racine Biogas Conditioning (D-22)

**Subject:** Change Order Request - Gas Detection Equipment

Al Bush,

Description of work: RFQ-001 Gas Detection Equipment

Our price for the scope of work as described above is \$53,035.00. Please issue a signed change order to our contract or sign below and return this document to us as acknowledgement of this change in our scope of work.

Schedule Impact:

If you have any questions regarding this issue, please do not hesitate to contact me at your earliest convenience. This pricing expires after 15 working days.

Sincerely,

LEE Mechanical Inc.

ACCEPTED: \_\_\_\_\_

COMPANY: \_\_\_\_\_

DATE: \_\_\_\_\_

Kody M. Azarian  
Assistant Project Manager

# Lee Mechanical

**Project:** Racine Biogas (D-22)  
**Date:** 08/10/23  
**LEE Change Order #:** 002  
**Subject:** Gas Detection Equipment

<b>Labor</b>						
Sheet Metal Journeyman	0.0	Hours	@	\$106.55	=	\$0.00
Sheet Metal Journeyman (OT)	0.0	Hours	@	\$142.41	=	\$0.00
Sheet Metal Foreman	0.0	Hours	@	\$121.32	=	\$0.00
Sheet Metal Foreman (OT)	0.0	Hours	@	\$160.43	=	\$0.00
Sheet Metal General Foreman	0.0	Hours	@	\$124.58	=	\$0.00
Sheet Metal General Foreman (OT)	0.0	Hours	@	\$165.31	=	\$0.00
Sheet Metal Delivery (OT) 1,500#/Truck @ 4 Hrs/Truck	0.0	Hours	@	\$95.00	=	\$0.00
Pipe Fitter Journeyman	0.0	Hours	@	\$108.53	=	\$0.00
Pipe Fitter Journeyman (OT)	0.0	Hours	@	\$144.65	=	\$0.00
Pipe Fitter Foreman	0.0	Hours	@	\$123.35	=	\$0.00
Pipe Fitter Foreman (OT)	0.0	Hours	@	\$162.75	=	\$0.00
Piping General Foreman	0.0	Hours	@	\$126.63	=	\$0.00
Piping General Foreman (OT)	0.0	Hours	@	\$167.67	=	\$0.00
Pipe Delivery (OT)	0.0	Hours	@	\$95.00	=	\$0.00
Engineering	0.0	Hours	@	\$130.00	=	\$0.00
Virtual Designer	0.0	Hours	@	\$123.35	=	\$0.00
Service Technician	0.0	Hours	@	\$130.00	=	\$0.00
<b>Labor Total</b>						<b>\$0.00</b>

<b>Materials</b>			
Sheet Metal Ductwork Fabrication	Weight =	0 Lbs	\$0.00
Sheet Metal Supplies & Accessories			\$ -
Pipe, Valve, Fitting & Hanger Material & Supplies	Cost from Estimate =	\$ -	\$0.00
<b>Materials Total</b>			<b>\$0.00</b>

<b>Equipment</b>		
Vent Equipment		\$ -
Piping Equipment		\$ 26,815
<b>Equipment Total</b>		<b>\$26,815.00</b>

<b>Sales and Use Tax</b>	0.00%	<b>\$0.00</b>
<b>Warranty</b>	0.0%	<b>\$0.00</b>

<b>Other Cost</b>			
Project Management	0.00	Hours	@ \$0.00 \$0.00
Power Tools			\$0.00
Equipment Rental (Lifts)			\$100.00
Forklift			\$0.00
Blueprints	Qty=	@	\$1.15 \$0.00
Permits			\$0.00
<b>Other Cost Total</b>			<b>\$100.00</b>

<b>Contractor Subtotal</b>		<b>\$26,915.00</b>
Overhead + Profit @	15%	\$4,037.25

<b>Subcontractors</b>	
Temperature Controls	\$0.00
Insulation	\$0.00
Test & Balance	\$0.00
Crane	\$0.00
Electrical	\$20,532.00
Firesafing	\$0.00
Mechanical	\$0.00
Chemical Treatment	\$0.00
Start-Up (LEE Mechanical Services)	\$0.00
<b>TOTAL SUBCONTRACTOR COSTS</b>	<b>\$20,532.00</b>

Subcontractor Profit @	5%	\$1,026.60
<b>Change Order Subtotal</b>		<b>\$48,473.60</b>

<b>SUBTOTAL</b>		<b>\$52,510.85</b>
Bond	1%	\$525.11
<b>TOTAL</b>		<b>\$53,035.96</b>