

**LEXINGTON-FAYETTE URBAN COUNTY
 GOVERNMENT CONTRACT CHANGE ORDER**
 Page 1 of 2

Date:	June 15, 2020	
Project:	Town Branch WWTP Primary Digester Complex Improvements	
Location:	Town Branch WWTP	
To (Contractor): Judy Construction Company PO Box 457 Cynthiana, KY 41031	Contract No.	Bld No. 181-2017
	Original Contract Amt.	\$9,746,750.00
	Cumulative Amount of Previous Change Orders	\$53,958.58
	Percent Change - Previous Change Orders	0.55%
	Total Contract Amount Prior to this Change Order	\$9,800,708.58
	Change Order No.	2

You are hereby requested to comply with the following changes from the contract plans and specification;

Current Change Order

Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price	
11	Relocate potable water line		\$1,955.00	
12	Increase natural gas line size to boilers		\$5,000.00	
13	Add 3- 8" plug valves on roof for gas drawoff lines		\$15,194.00	
14	Add 4 Type E light fixtures at MCC-J		\$2,841.00	
15	Changes involving H2S vessel and slab	\$72,295.00	\$0.00	
16	Add 3-12" HP butterfly valves for foam separator		\$16,216.00	
17	Vector truck cost reimbursement		\$9,000.00	
18	Relocate column in boiler building		\$40,238.00	
19	Pipe Relocation		\$14,790.00	
20	Relocate eyewash/shower to boiler building		\$6,542.00	
21	Adjust allowances based on actual costs/quantities	\$33,877.88		
	Total decrease	\$106,172.88		
	Total increase		\$111,775.00	
	Net Amount of this Change Order	\$5,602.12		
	New Contract Amount including this Change Order	\$9,806,310.70		
	Percent Change - This Change Order			0.06%
	Percent Change - All Change Orders			0.61%

The time provided for the completion in the contract and all provisions of the contract will apply hereto.

Recommended by Michael L. Dent (Proj. Engr.) Date 06/16/2020
 Accepted by [Signature] (Contractor) Date 6/16/2020
 Approved by [Signature] (Director) Date 6/25/20
 Approved by Fancy Albright (Commissioner) Date 6/26/2020
 Approved by [Signature] (Mayor or CAO) Date 7/10/2020

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14	Add 4 Type E light fixtures at MCC-J		\$2,841.00
15	Changes involving H2S vessel and slab	\$72,295.00	\$0.00
16	Add 3-12" HP butterfly valves for foam separator		\$16,215.00
17	Vactor truck cost reimbursement		\$9,000.00
18	Relocate column in boiler building		\$40,238.00
20 19	Pipe Relocation		\$14,790.00
19 20	Relocate eyewash/shower to boiler building		\$6,542.00
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Recommended by M. J. Deane (Proj. Engr.) Date 06/19/2020
 Accepted by [Signature] (Contractor) Date 6/19/2020
 Approved by _____ (Director) Date _____
 Approved by _____ (Commissioner) Date _____
 Approved by _____ (Mayor or CAO) Date _____

LFUG REP Tiffy Rank 6/24/2020

JUSTIFICATION FOR CHANGEPROJECT: Town Branch WWTP Primary Digester Complex
Improvements

Bid No. 181-2017

CHANGE ORDER: 2

1. Necessity for change: Miscellaneous items found during the renovation in need of modification, some changes due to shop drawing review findings.
2. Is proposed change an alternate bid? ___Yes XNo
3. Will proposed change alter the physical size of the project? ___ Yes XNo
If "Yes", explain.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? ___Yes XNot Necessary
6. Will this change affect expiration or extent of insurance coverage? ___Yes XNo
If "Yes", will the policies be extended? ___Yes ___No
7. Effect on operation and maintenance costs: N/A
8. Effect on contract completion date: A contract extension from December 21, 2019, to July 31, 2020, is included in this change order.

Ronda Gorton
Mayor

7/10/2020
Date

TOWN BRANCH PRIMAR DIGESTER COMPLEX IMPROVEMENTS
 JUDY CONSTRUCTION COMPANY
 ALLOWANCE BALANCING ADJUSTMENT
 9-Jun-20

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT	ACTUAL QUANTITY	ACTUAL AMOUNT	QUANTITY OVER/UNDER	COST OVER/UNDER
1	Project Soils Engineer	1	LS	\$15,000.00	\$15,000.00	53%	\$7,950.00	(47%)	\$(7,050.00)
2	Digester Cover Repairs Not Included in Bid Alternative No. 2	1	LS	\$20,000.00	\$20,000.00	27%	\$5,445.00	(72.8%)	\$(14,555.00)
3	Kentucky Utilities Company	1	LS	\$20,000.00	\$20,000.00	74%	\$14,699.00	(73.5%)	\$(5,301.00)
4	Systems Integration	1	LS	\$30,000.00	\$30,000.00	100%	\$30,000.00	0%	0
5	Deep Concrete Repair	10	SF	\$53.00	\$530.00	0	\$0.00	(10)	\$(530.00)
6	Shallow Concrete Repair	30	SF	\$32.00	\$960.00	0	\$0.00	(30)	\$(960.00)
7	Concrete Scaling Repair	10	SF	\$27.00	\$270.00	10	\$270.00	0	0
8	Sacrificial Zinc Corrosion Protection Devices	5	UNITS	\$106.00	\$530.00	1	\$106.00	(4)	\$(424.00)
9	Concrete Crack Epoxy Injection	300	LF	\$58.50	\$17,550.00	65	\$3,802.50	(235)	\$(13,747.50)
10	Two Layers of CFR W/ Topping and Surface Prep Repair	10	SF	\$133.00	\$1,330.00	77	\$10,259.62	67.14	\$8,929.62
11	Steel Angle/Column Cleaning and Repair	80	LF	\$106.00	\$8,480.00	80	\$8,480.00	0	0
12	Brick Tuckpointing	600	SF	\$26.50	\$15,900.00	600	\$15,900.00	0	0
13	CMU Tuckpointing	50	LF	\$11.00	\$550.00	50	\$550.00	0	0
14	Replace Tank Wall Cap Sealants	680	LF	\$8.50	\$5,780.00	680	\$5,780.00	0	0
15	Demolish and Rebuild Brick Veneer	166	SF	\$80.00	\$13,280.00	166	\$13,280.00	0	0
16	Install 9MM Helical Wall Anchors	100	UNITS	\$16.00	\$1,600.00	85	\$1,360.00	(15)	\$(240.00)
17	Install Horizontal Joint at Top of Wall	553	LF	\$59.00	\$32,627.00	553	\$32,627.00	0	0
18	Remove and Reseal Vertical and Horizontal Sealant Joints	140	LF	\$8.50	\$1,190.00	140	\$1,190.00	0	0
19	New Vertical Control Joint w/ Sealant, Anchors, and Scaffolding	18	LF	\$64.00	\$1,152.00	18	\$1,152.00	0	0
20	Clean Masonry and Apply Water Repellent Coating	10	SF	\$2.50	\$25.00	10	\$25.00	0	0
21	Install Traffic Coating	100	SF	\$26.50	\$2,650.00	100	\$2,650.00	0	0
22	Replace Individual CMU Blocks	8	UNITS	\$53.00	\$424.00	8	\$424.00	0	0
TOTAL DEDUCT FROM CONTRACT AMOUNT									\$(33,877.88)

Potential Change Orders

Project:		Town Branch Primary Digester Complex Improvements Lexington, Kentucky Bid # 181-2017		Key		Change Requested by				CO No.
				Ow = Owner	Om = Omission	A/E = Architect/Engineer C = Contractor				
No.	Date	Brief Description		Price	Ow	A/E	C	Om	No.	
1	5/23/2018	Change Order Proposal No. 1 Fill engine blower silencer pits in Boiler Building and provide a hydrant instead of a spigot at the H2S unit.		\$22,858.00	X				1	
2	8/6/2018	Change Order Proposal No. 2 Change the breakers for the boilers from 120V to 480V.		\$4,806.08			X		1	
3	7/18/2018	Request for Information No. 2/Change Order Proposal No. 3 Demo metering cabinet and shift MCC-J.		\$1,966.50	X				1	
4	9/26/2018	Change Order Proposal No. 4 Two light fixtures changed from Class I, Division 2 to Class I, Division 1.		\$2,588.00		X			1	
5	9/27/2018	Change Order Proposal No. 5 Concrete repairs to inside of Digester No. 2 rejected as an addition to the contract price because they fall under base bid quantities. Price was #13-276.		\$0.00			X			
6	10/10/2018	Change Order Proposal No. 6 Change water heater (EWH-2) to 277V. This requires changes to MCC and wiring.		\$9,565.00		X			1	
7	10/30/2018	Change Order Proposal No. 7		\$5,488.00		X			1	

		Beam lenfil materials and installation for Boiler No. 3 wall opening where an unexpected column was found inside the existing block wall.						
8	8/13/2018	ControlTouch Fee Over Allowance	\$5,535.00				X	1
		Allowance of \$30,000 was included in base bid for SCADA system integration. ControlTouch's proposal totaled \$34,813. Change includes Contractor's overhead and profit.						
9	8/21/2018	Vertical Expansion Joint in Digester No. 3	\$1,152.00			X		1
		The brick facade on Digester No. 3 is buckled outward in one location. Cornerstone recommends installing a full height vertical expansion joint. Cost is 18 LF at \$64/LF.						
40	4/46/2019	Change Order Prepeal No. 8	\$0.00	X				
		Increase size of media cooling slab for equipment access--rejected. Price was \$43,487.						
11	4/29/2019	Change Order Proposal No. 9	\$1,955.00	X				2
		Relocate potable water line between Digester Building and Boiler Building.						
12	7/22/2019	Change Order Proposal No. 10	\$5,000.00	X			X	2
		Increase natural gas line size to boilers. Contractor did work without prior notification of increased cost. Original price was \$13,687.						
13	9/5/2019	Change Order Proposal No. 11	\$15,194.00	X				2
		Add 3-8" plug valves for gas service to the gas drawoff lines on Digester 1, 2, and 3.						
14	9/11/2019	Change Order Proposal No. 12	\$2,841.00	X				2
		Add 4 Type E light fixtures at MCC-J.						
15	9/24/2019	Change Order Proposal No. 13	-\$72,295.00	X				2
		Changes involving hydrogen sulfide removal media vessel and media cooling slab. Returning media, deleting cooling slab and concrete drive, deleting vessel insulation (piping insulation to remain in contract), adding grass paver drive.						

16	10/14/2019	High Performance Butterfly Valves for Foam Separator		\$16,215.00		X				2
		Need to swap out 3-12" plug valves for 3-12" high performance butterfly valves to fit the foam separator in the upper level gas room.								
17		Vactor Truck Cost Assistance		\$9,000.00				X		2
		Judy requested reimbursement for half of their costs to clean out Digester No. 1. Additional effort was required because of limitations on vactor disposal on WWTP site.								
18	12/19/2019	Change Order Proposal No. 14		\$40,238.00		X				2
		Relocate Column in Boiler Building to provide better access for boiler maintenance. Requires removal of one column and installation of two columns adjacent to existing column.								
19	5/4/2020	Relocate Eyewash/Shower to Boiler Building Change Order Proposal No. 20		\$6,542.00		X				2
		Move new eyewash/shower to location in Boiler Building. This requires relocating eyewash/shower unit, electric demand water heater and electrical power feed.								
20	5/5/2020	Pipe Relocation in Digester Building Lower Level Change Order Proposal No. 19		\$14,790.00		X				2
		Revise sludge piping to improve operator flexibility and pumping efficiency.								
21	6/9/2020	Adjust Allowances based on Actual Costs		-\$33,877.88		X				2
		Adjust allowance items based on actual costs and actual quantities installed.								
Page TOTAL				\$59,560.70						

LaDonna Roberts

From: Michael Cravens
Sent: Wednesday, June 24, 2020 4:10 PM
To: Commissioner EQ PW Exec Asst; LaDonna Roberts
Cc: Charles Martin; Nancy Albright; Susan Speckert; Keith Horn
Subject: RE: Law Review: Change Order No. 2 Town Branch Digester Improvements

I have reviewed this request for a resolution authorizing the Mayor, on behalf of the Urban County Government, to execute Change Order #2 to the Agreement with Judy Construction Company, for the Town Branch Waste Water Treatment Plant Primary Digester Complex Improvements Project, increasing the contract price by the sum of \$5,602.12, from \$9,800,708.58 to \$9,806,310.70, and extending the date of completion to June 30, 2020.

No legal issues. OK to bluesheet.

Michael Cravens
Attorney Senior
Department of Law

859.258.3500
MCravens@lexingtonky.gov
lexingtonky.gov



NOTICE OF CONFIDENTIALITY

This message is intended only for the use of the individual or entity to which it is addressed and may contain confidential information that is legally privileged and exempt from disclosure under applicable law, including but not limited to, Kentucky Rule of Evidence 503. Any legal opinion provided in this electronic mail transmission is provided in the course of my legal representation of the Lexington-Fayette Urban County Government and should not be disseminated to the public. If the reader of this message is not the intended recipient, you are notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, delete it from your system without copying or forwarding it, and notify the sender of the error by replying via e-mail or by calling the Department of Law at (859) 258-3500, so that our address record can be corrected. Thank you.

From: Commissioner EQ PW Exec Asst <commeqpwea@lexingtonky.gov>
Sent: Wednesday, June 24, 2020 9:39 AM
To: Susan Speckert <sspeckert@lexingtonky.gov>; Michael Cravens <mcravens@lexingtonky.gov>; Keith Horn <mhorn@lexingtonky.gov>
Cc: LaDonna Roberts <lroberts@lexingtonky.gov>; Charles Martin <chmartin@lexingtonky.gov>; Nancy Albright <nalbright@lexingtonky.gov>
Subject: FW: Law Review: Change Order No. 2 Town Branch Digester Improvements

Susan, Water Quality is requesting review of the attached prior to input in Legistar.

Sandy

From: LaDonna Roberts <lroberts@lexingtonky.gov>
Sent: Wednesday, June 24, 2020 8:47 AM
To: Commissioner EQ PW Exec Asst <commeqpwea@lexingtonky.gov>


MAYOR LINDA GORTON



LEXINGTON

CHARLES H. MARTIN, P.E.
DIRECTOR
WATER QUALITY

TO: Mayor Linda Gorton
Urban County Council

FROM: 
Charles H. Martin, P.E., Director
Division of Water Quality

DATE: June 15, 2020

SUBJECT: Change Order #2; Town Branch WWTP Digester Complex Improvements

Request

The Division of Water Quality request approval of Change Order #2 to Judy Construction Company for the above referenced project.

Purpose of Request

Changes increasing the contract value include:

- Relocated potable water line between the digester building and the boiler building;
- Adding additional valves to improve process control;
- Adding a grass paver drive to the hydrogen sulfide removal vessel.

Changes decreasing the contract value include:

- Deleting the media cooling slab and concrete drive;
- Deleting the hydrogen sulfide removal vessel insulation and heat trace system with control panel (insulation for exposed gas piping remains in the contract);
- Adjustments to allowances based on actual costs and quantities of materials incorporated into the work.

A contract extension from December 21, 2019, to ~~June 31~~ 2020, is also requested.

Project Cost in FY20 Budget and Future Budget Years

FY20 – Approval of this change order results in an increase of \$5,602.12 to the contract. The revised contract amount including this change order will be \$9,806,310.70 representing a 0.61% increase of the original contract amount. Approval of this change order will not have an impact on future budget years.

Are Funds Budgeted

Funds are Budgeted in: 4003 303401 3401 92711 TBWWTPDIGES_RMP/CONSENT_DE

Martin/Albright

